



INVEST IN THE FUTURE



French manufacturer since 1964

Celebrating

50

years of innovation
1964 - 2024

BSU, Chargers, Boosters & Starters

Charge & entretien des batteries

Batterieservicegeräte-Katalog

Caricabatterie, Booster & Avviatore

Catálogo de Cargadores

2025



CHARGERS - BATTERY SUPPORT - BOOSTERS - STARTERS - TESTERS - JUMPER CABLES - ACCESSORIES



★★★★★ **THEY TRUST US** ★★★★★

ILS NOUS FONT CONFIANCE



CHARGERS & BATTERY SUPPORT UNIT

6 - 12 - 16 - 24 - 36 - 48 V

GYSFLASH

GYSFLASH Pb	6
GYSFLASH LITHIUM	9
GYSFLASH Pb / LITHIUM	10
GYSFLASH ON BOARD	18

BATTERY SUPPORT UNIT

GYSFLASH PRO	20
GYSFLASH PRO CNT	22
STARTFLASH	28
CNT TECHNOLOGY & ACCESSORIES	30

CONVERTER DC/DC

ENERGYS DC · DC CHARGER	19
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MORE

ARTIC	36
ENERGY / TCB	37
CT / CA / WATTMATIC	38
BATIUM	40

SSM

Save and load settings. Automatic restart in case of power cut.
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP

Start/stop Engine :
Compatible with Start/Stop vehicles.
Compatible véhicules Start/Stop.
Geeignet für START-STOP- Fahrzeuge.

CAN BUS

Can Bus ready: compatible with Can Bus Technology, the Gysflash can be connected to the motorcycle 12V socket (cable is optional).

Can bus ready : compatible avec la technologie Can Bus, le Gysflash se branche directement sur la prise 12 V de la moto (câble en option).

Can-Bus Ready: Mit der Can-Bus Technologie kompatibel. Das GYSFLASH wird direkt an den 12V-Anschluss des Motorrads angeschlossen (Kabel optional).

Auto Recovery

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.

Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.

Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

Cold charge

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

-Cold Charge-Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.

Temperature

Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.

Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.

Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

Power supply mode

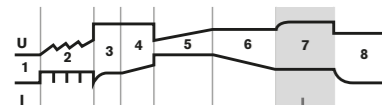
Power supply mode: Optimum floating charge, ideal for use during battery change to protect vehicle memory.
Also for when the vehicle is not in use for extended periods or for demonstration use.

Source d'énergie : mode de maintien optimal de l'état de charge. Idéal pour les véhicules en hivernage, de démonstration, ou pour le remplacement de batterie.

Energiequelle: Aufrechterhaltung des Batteriezustands. Ideal für Saison-, Ausstellungsfahrzeuge oder bei Batteriewechsel.

SMART CHARGE 7 / 8 STEP

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



REFRESH 8 STEP

Rebalancing of the battery cells for greater longevity (not available on all models).
Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

CHARGERS Pb



IP 65
WATER PROTECTION
GYSFLASH
1.12, 4.12, 6.12, 8.12, 12.12,
6 HERITAGE, 6.24, 9.24, 1.12 PL,
8.12 PL, 6.24 PL, 3.48 PL,
1.12 Lithium, 6.12 Lithium



12V

GYSFLASH 1.12

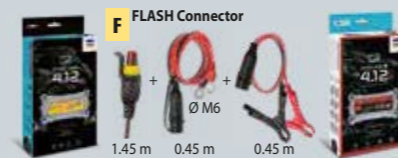
1 A
GO > 2 V SSM START STOP CAN BUS Auto Recovery
7 STEP



029361
UK: 029514

GYSFLASH 4.12 & 4.12S

0.8/4 A
GO > 2 V SSM START STOP CAN BUS Auto Recovery
7 STEP



4.12 029422 UK: 029521
4.12S (110 V) 069190 072701 072817

GYSFLASH 6.12

0.8/6 A
GO > 2 V SSM START STOP CAN BUS Auto Recovery
REFRESH 8 STEP



029378
UK: 029613

GYSFLASH 8.12

8 A
GO > 2 V SSM START STOP CAN BUS Auto Recovery
REFRESH 8 STEP



029385
UK: 029545

GYSFLASH 12.12

12 A
GO > 2 V SSM START STOP CAN BUS Auto Recovery
REFRESH 8 STEP



029392
UK: 029552

PATENTS REGISTERED NUMBERS
002280008 & 002279927
EUROPEAN TRADEMARK & DESIGN

	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	Volume
GYSFLASH 1.12	220-240 V AC	18 W	1 A	12 V	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.44 kg	13 × 8 × 3.8 cm	30 × 15.5 × 6 / 0.6
GYSFLASH 4.12 GYSFLASH 4.12S	220-240 V AC 100-127 V AC	70 W	0.8/4 A	12 V	1.2 > 90 Ah	1.2 > 130 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.69 kg	17 × 9 × 5.1 cm	34.5 × 17.9 × 36.2 / 0.89
GYSFLASH 6.12	220-240 V AC	90 W	0.8/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.77 kg	19 × 10 × 5.2 cm	36 × 19.5 × 7 / 1
GYSFLASH 8.12	220-240 V AC	130 W	8 A	12 V	15 > 160 Ah	15 > 240 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.85 kg	19 × 10 × 5.2 cm	36 × 19.5 × 7 / 1
GYSFLASH 12.12	220-240 V AC	195 W	12 A	12 V	20 > 250 Ah	20 > 330 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 steps	1.1 kg	22.1 × 11.1 × 5.8 cm	36.4 × 20 × 6.8 / 1.3

DESIGN GYS FRANCE
MADE IN GYS CHINA

110V
✓ Japan ✓ USA ✓ Brazil
GYSFLASH 4.12 S
GYSFLASH 1.12 PL S



CHARGERS Pb



HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6 A

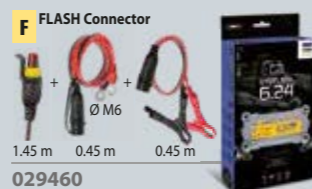


029538

6/12/24V

GYSFLASH 6.24

0.8/6 A



029460
029644

GYSFLASH 9.24

9 A



029477
029651

GYSFLASH TECHNOLOGY



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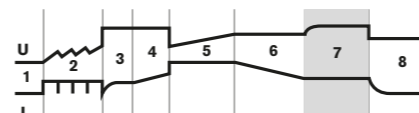


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Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.
Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO4

Pb

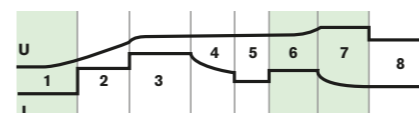
1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh (for "8 step" only)
8. Floating 100%



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Rééquilibrage des cellules de la batterie pour plus de longévité (suivant modèle).
Regenerierung der Batteriezellen für eine längere Lebensdauer (je nach Modell).

LiFePO4 (LFP)

1. UVP Wake up - Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection)
Battery reactivation when in UVP protection.
Réactivation de la batterie en protection UVP.
Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System
Balancing of the battery cells.
Équilibrage des cellules.
Ausgleich der Batteriezellen.



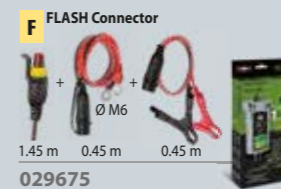
CHARGERS LiFePO4



12V

GYSFLASH 1.12 Lithium

1 A



029675

GYSFLASH 6.12 Lithium

4/6 A



029729

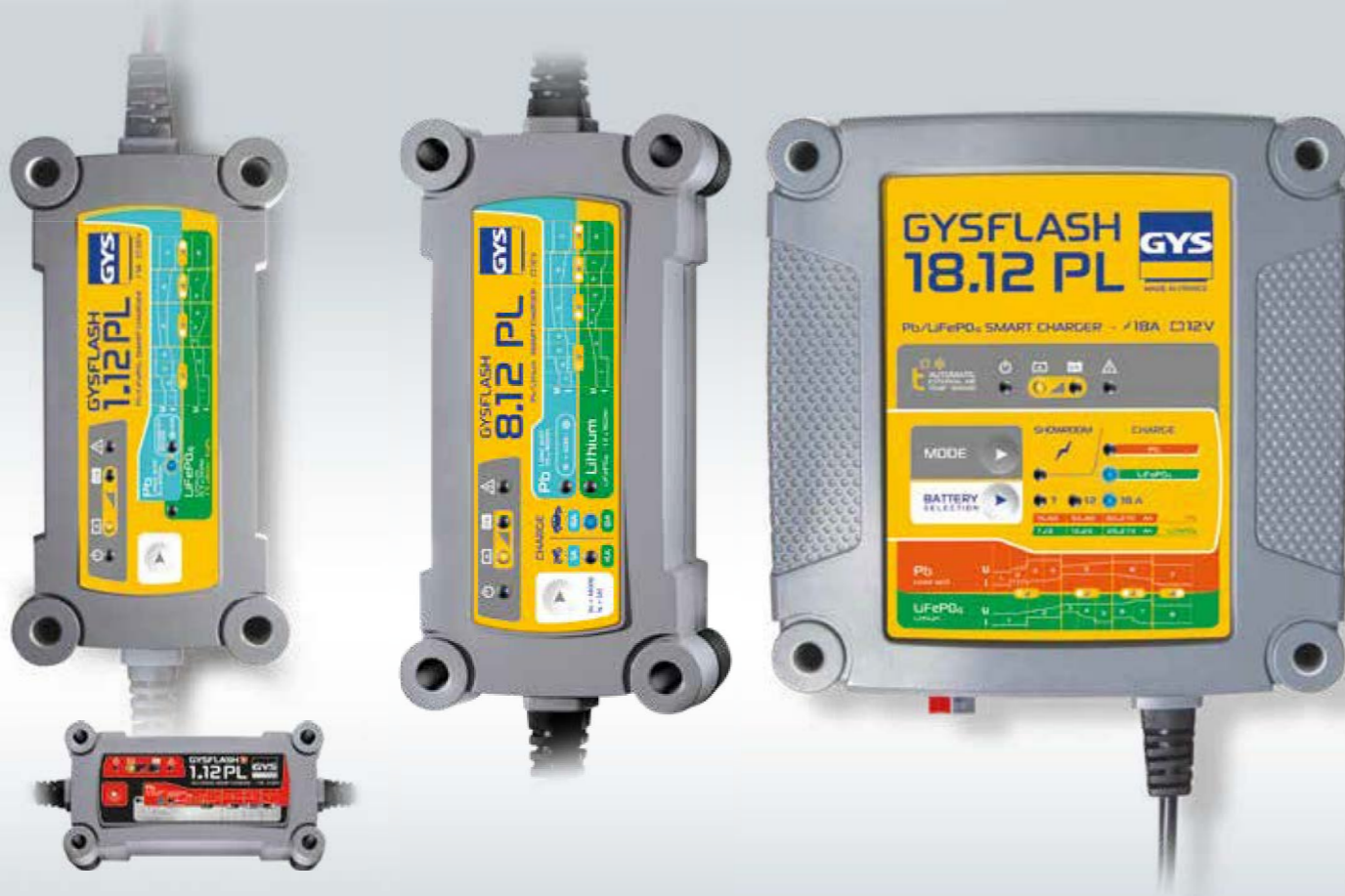
DESIGN GYS FRANCE
MADE IN GYS CHINA

	50/60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation / Ripple	Charging curve	IP	Weight	Dimensions
GYSFLASH 1.12 Lithium	220-240 V AC	18 W	1 A	12 V	0.5 > 20 Ah	0.5 > 50 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 step	0.44 kg	13 x 8 x 3.8 cm / 29.7 x 15 x 5.7 / 0.6
GYSFLASH 6.12 Lithium	220-240 V AC	90 W	4/6 A	12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 step	0.77 kg	19 x 10 x 5.2 cm / 36.5 x 19.5 x 7 / 1

	50/60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation / Ripple	Charging curve	IP	Weight	Dimensions
GYSFLASH 6 HERITAGE	220-240 V AC	90 W	0.8/6 A	6/12 V	1.2 > 125 Ah	1.2 > 170 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	8 steps	0.77 kg	19 x 10 x 5.2 cm / 36.5 x 19.4 x 7 cm / 1
GYSFLASH 6.24	220-240 V AC	130 W	0.8/6 A / 0.8/4 A	6/12 V / 24 V	1.2 > 125 Ah / 1.2 > 100 Ah	1.2 > 170 Ah / 1.2 > 140 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 step	0.85 kg	19 x 10 x 5.2 cm / 36.5 x 19.5 x 7 cm / 1
GYSFLASH 9.24	220-240 V AC	190 W	9 A / 6 A	6/12 V / 24 V	18 > 220 Ah / 15 > 125 Ah	18 > 300 Ah / 15 > 170 Ah	<0.4 Ah/month	<100 mV Rms	IUoU	8 step	1.1 kg	22.1 x 11.1 x 5.8 cm / 36.5 x 19.5 x 7 cm / 1.3



CHARGERS Pb / LiFePO₄



12V



12/24V

OPTION
Gysflash 18.12 PL,
30.12 PL, 20.12/24 PL,
10.36/48 PL

Magnetfix 20
026063



x4

GYSFLASH 1.12 PL & 1.12 PL S

1A

GO > 7V | SSM | START STOP | CAN BUS

7 STEP Pb | 8 STEP LiFePO₄




1.12 PL
026902
027541

1.12 PL S (110 V)
070851
072794
072824

GYSFLASH 8.12 PL

1/4 / 8A

GO > 2V | SSM | START STOP | CAN BUS

7 STEP Pb | 8 STEP LiFePO₄




069282

GYSFLASH 18.12 PL

7/12 / 18A

GO > 2V

GO > 2V | SSM | START STOP

8 STEP LiFePO₄ | 7 STEP Pb




026926

GYSFLASH 30.12 PL

7/15 / 30A

GO > 2V | SSM | START STOP

8 STEP LiFePO₄ | 7 STEP Pb




029668
026070

GYSFLASH 20.12/24 PL

7/15 / 20A

GO > 2V | SSM | START STOP

8 STEP LiFePO₄ | 7 STEP Pb




026049
027558

DESIGN GYS FRANCE MADE IN GYS CHINA MADE IN FRANCE	GYSFLASH 1.12 PL GYSFLASH 1.12 PL S	220-240 V AC 100-127 V AC	50 / 60 Hz	2m	Power 20 W	I _{charge} 1 A	V 12 V	Charge 2 > 32 Ah (Pb) 0.5 > 20 Ah (LiFePO ₄)	Maintenance 2 > 100 Ah (Pb) 0.5 > 50 Ah (LiFePO ₄)	Zz <0.4 Ah/month	Ondulation/ Ripple <150 mV Rms	Charging curve IIoU	IP IP 65	IP 0,69 kg	L x W x H cm 17 x 9 x 5.1 cm	L x W x H cm / kg 33 x 17,5 x 6 / 0.8
MADE IN FRANCE	GYSFLASH 18.12 PL	220-240 V AC	2m	300 W	7/12/18 A	12 V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO ₄)	<0.5 Ah/month	<100 mV Rms	IIoU	7 step (Pb) 8 step (LiFePO ₄)	IP 31	1,55 kg	19 x 19 x 7.3 cm	30 x 22 x 9 / 1.9	

DESIGN GYS FRANCE MADE IN GYS CHINA MADE IN FRANCE	GYSFLASH 30.12 PL	220-240 V AC	50 / 60 Hz	2m	Power 500 W	I _{charge} 7/15/30 A	V 12 V	Charge 15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO ₄)	Maintenance 15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO ₄)	Zz <0.5 Ah/month	Ondulation/ Ripple <150 mV Rms	Charging curve IIoU	IP IP 31	IP 1,85 kg	L x W x H cm 19 x 19 x 7.3 cm	L x W x H cm / kg 30 x 22 x 9 / 2.2

GYSFLASH TECHNOLOGY

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t°

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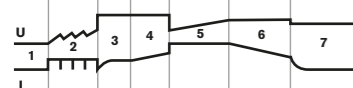
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SMART CHARGE 7 / 8 STEP

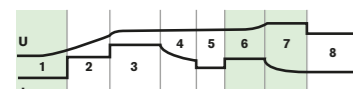
Pb

1. Status analysis
2. Recovery
3. Test desulfation
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Floating 100%



LiFePO₄ (LFP) / Li-ion

1. UVP Wake up
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Test
6. Completion
7. Equalization
8. Floating 100%



UVP Wake up (Under Voltage Protection)
Battery reactivation when in UVP protection.
Réactivation de la batterie en protection UVP.
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Balancing of the battery cells.
Équilibrage des cellules.
Ausgleich der Batteriezellen.

GYSFLASH Pb / LITHIUM

CHARGER Pb / LiFePO₄

INTENSIVE



12V

SC SMART COOLING TECHNOLOGY

100% DUST PROOF



SILENT

IP 23

INDOOR / OUTDOOR

GYSFLASH 32.12 PL

7/15 / 30 A

GO > 2V SSM START STOP Auto Recovery 7 STEP Pb 8 STEP LiFePO₄ SC

2,5 m - 6 mm²
027381

MADE IN FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	Volume
														L x W x H cm / kg
	GYSFLASH 32.12 PL	230V	2.5 m	500W	7/15/30 A	12V	10 · 400 Ah	<0.5 Ah/month	<150 mV Rms	IUoU	—	4,7 kg	8 × 25 × 20 cm	36 × 27.5 × 20.5 / 4.6
	GYSFLASH 15.24 XTREM	230V	2.5 m	500W	7/10/15 A	12/24V	5 · 240 Ah	<1 Ah/month	<150 mV Rms	IUoU	—	5.4 kg	7.5 × 25 × 21 cm	27 × 20 × 36 / 5.4

GYSFLASH Pb

CHARGER Pb

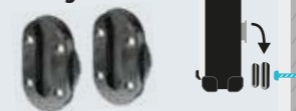
INTENSIVE



12/24V

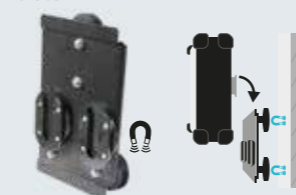
INCLUDED

Fixing kit



OPTIONS

Magnetfix 50
029637



GYSFLASH PRO vertical wall mounting kit
082694



NEW

IP 65

INDOOR / OUTDOOR

GYSFLASH 15.24 XTREM

15A

GO > 2V SSM START STOP Auto Recovery 7 STEP Pb SC

5 m - 4 mm²
025813

Double insulation

ROBUST & SAFE
2 pts connection



OPTIONS

NATO CONNECTOR
026780



2 pts/NATO Spiral
5 m
028968



2 pts/NATO
5 m - 4 mm²
025837



DIN 1490 CONNECTOR
028784



2 pts/DIN 1490
Emergency vehicle
5 m
028777

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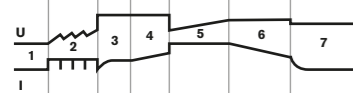
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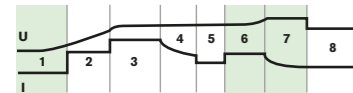
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GYSFLASH Pb / LITHIUM

ELECTRO MOBILITY CHARGERS

Pb / Lithium

LiFePO₄ / Li-ion / Li-Po /
NMC / LCO / MCO / NCA...



24 V • ELECTRICAL MOBILITY

GYSFLASH 6.24 PL

6 A GO > 2 V



027398

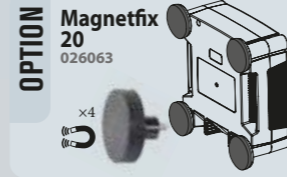
48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 3.48 PL

3 A



027893



36 / 48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 10.36/48 PL

10 A



027060



DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I _{charge}	V	n cell			Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg	
						Pb	LFP	NMC										
MADE IN GYS CHINA	GYSFLASH 6.24 PL	220-240 V AC	2 m	190 W	6 A	24V	12	8	6	15 > 125 Ah (Pb) 2 > 125 Ah (Li)	15 > 170 Ah (Pb) 2 > 170 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.4
							12	15/16	13/14	6 > 60 Ah (Pb) 3 > 60 Ah (Li)	6 > 60 Ah (Pb) 3 > 60 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 65	1,1 kg	22.1 x 11.1 x 5.8 cm / 1.2
MADE IN FRANCE	GYSFLASH 10.36/48 PL	220-240 V AC	2 m	500 W	10 A	36V	18	12	9	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	20 > 230 Ah (Pb) 10 > 230 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm / 2
							18	15/16	13/14	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	15 > 160 Ah (Pb) 8 > 160 Ah (Li)	<0.4 Ah /month	<150 mV Rms	IUoU	7 step (Pb) 8 step (Li)	IP 31	1,85 kg	19 x 19 x 7.3 cm / 2

ELECTROMOBILITY

MOBILITY



OUTDOOR



MEDICAL





F Flash Connector GYSFLASH ≤ 6A : 1.12 / 4.12 / 6.12 / 6 Heritage / 6.24 / 1.12 Li / 6.12 Li / 1.12 PL

F1 / Clamps L 0.45 m (1.3 mm ²) All 026889	F2 / Charge indicator L 0.56 m (1.3 mm ²) All LEAD 029149	F3 / Eyelets Ø M6 L 0.45 m (1.3 mm ²) All LEAD 029194 Ø M8 L 0.45 m (1.3 mm ²) 027626	F4 / Charge indicator eyelets Ø M6 L 0.56 m (1.3 mm ²) All LEAD 029200	F5 / Cigarette lighter L 0.45 m (0.82 mm ²) 029439	F6 / Cable L 2.50 m (1.3 mm ²) All 029057	F7 / Connector MLX L 0.45 m (1.3 mm ²) 027589	F8 Adapter S / F - F / S L 0.45 m (1.3 mm ²) 027480	F9 Adapter F / A L 0.45 m (1.3 mm ²) 025820

S SAE Connector GYSFLASH < 16A : 8.12 PL / 12.12 / 9.24 / 6.24 / 3.48 PL

S1 / Clamps L 1.50 m (1.3 mm ²) All +Showroom Gysflash 1212 027688	S2 / Eyelets Ø M6 L 0.45 m (1.3 mm ²) 027466 Ø M8 L 0.45 m (1.3 mm ²) 027633 Ø M10 L 0.45 m (1.3 mm ²) 027640	S3 / XLR 3 pin L 0.45 m (1.3 mm ²) 027428	S4 / T-Bar L 0.45 m (1.3 mm ²) 027442	S5 Adapter S / A L 0.45 m (1.3 mm ²) 027473	S6 KIT SAE / JACK (max 5 A) L 0.45 m (1.3 mm ²) 025646	S7 / Cigarette lighter (max 10 A) Only for 8.12 PL L 0.45 m (1.3 mm ²) 077331	S8 / Cable L 2.5 m (4 mm ²) 077348

A ANDERSON Connector GYSFLASH < 40A : 18.12 PL / 30.12 PL / 20.12-24 PL / 10.36-48 PL

A1 / Clamps All L 1.90 m (4 mm ²) 026094 L 6 m (4 mm ²) 027435	A2 / Eyelets 4 mm ² Ø M6 L 0.40 m 027657 Ø M8 L 0.40 m 027664 Ø M8 L 1.90 m 027794 Ø M10 L 0.40 m 027671	A3 / Anderson L 1.5 m (4 mm ²) 027855

XTREM CABLES GYSFLASH 15.24 XTREM

2pts/NATO Spiral 5 m 028968	2pts/NATO 5 m - 4 mm ² 025837	2pts/DIN14690 Emergency vehicle 5 m 028777

		MEDICAL SERVICE - LEISURE					MOTORBIKE LIGHT MOBILITY				AUTO - CAMPER VAN - TRUCK							MARINE			INDUS TRY	URBAN					
GYSFLASH	 6V 12V 24V 36V 48V																										
		1.12	1.12 PL	4.12	6.12	8.12	8.12 PL	12.12	18.12 PL	30.12 PL	6 Heritage	6.24 PL	20.12/24 PL	6.24	9.24	3.48 PL	10.36/48 PL										

LiFePO4

1.12 Lithium	1.12 PL	6.12 Lithium	8.12 PL	18.12 PL	30.12 PL	6.24 PL	20.12/24 PL	3/48 PL	10.36/48 PL

Li-ion

6.24 PL	3/48 PL	10.36/48 PL

M = maintenance only



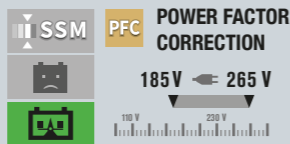
CHARGERS ON BOARD

Pb ✓ NMC / LCO / MCO / NCA...
Lithium ✓ LiFePO4 / Li-ion / Li-Po

INCLUDED



Ø 5.5 mm
GYSFLASH 18.12 PL-E, 15.24 PL-E, 8.48 PL-E
Fixing Kit



SSM PFC POWER FACTOR CORRECTION

185 V ↔ 265 V
110 V 230 V

OPEN & CONNECT

cables not included



4 pts connector included 3G 0.75 > 2.5 mm²
3 pts connector included max 2.5 mm² or AWG14



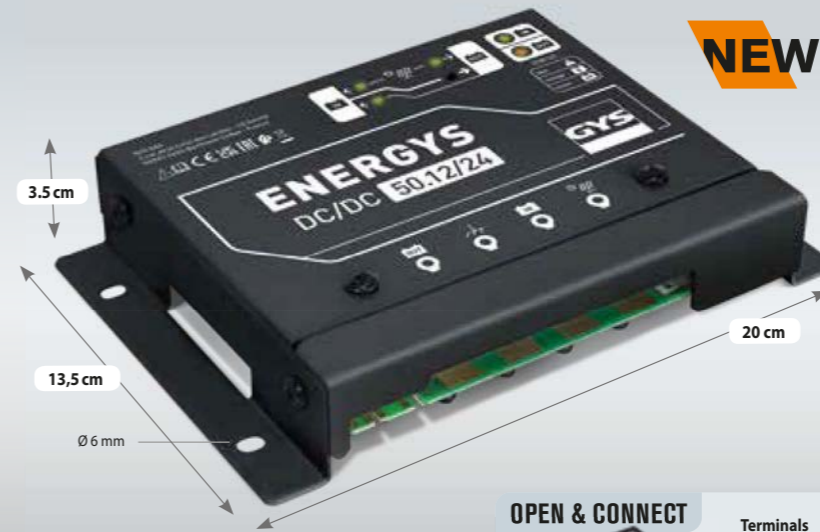
21.5 cm
7 cm
17.5 cm
8 cm
NEW

12V GYSFLASH 18.12 PL-E 18 A Pb / LFP 025806	30 A COMING SOON GYSFLASH 30.12 PL-E Pb / LFP	24V GYSFLASH 15.24 PL-E 15 A Pb / Traction / LFP / Li-ion 025943	48V GYSFLASH 8.48 PL-E 8 A Pb / Traction / LFP / Li-ion 025950
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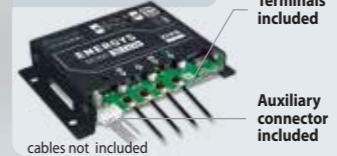
DC · DC CONVERTER REVERSIBLE

Pb ✓ Liquid / Gel, AGM
Lithium ✓ LiFePO4



ENERGYS DC/DC 50.12 / 24
50 A
072534

OPEN & CONNECT

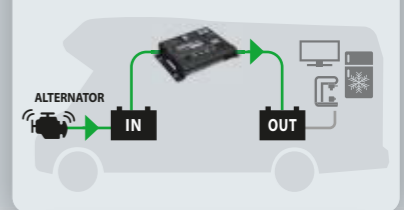


Terminals included
Auxiliary connector included
cables not included

	Bat. input		Bat. output		Solar input		EFFICIENCY	Zz	mm	g
ENERGYS DC/DC 50.12/24	U	I max	U	I max	U _{upper}	I max				
	12/24V	50A	12/24V	50A	9-30V	20A	98%	<2.5 mA	135 × 35 × 200	570

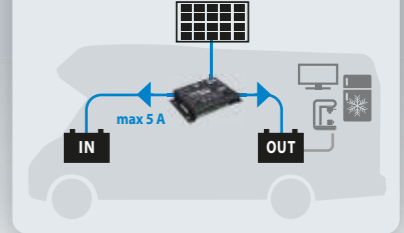
EURO 6 STANDARD

Vehicle started



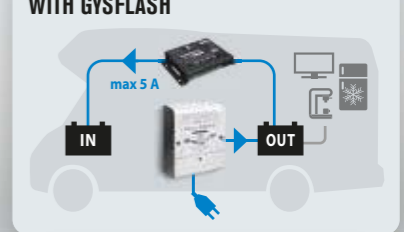
SOLAR REGULATOR

MPPT integrated (Max Power Point Tracker)



REVERSIBLE CHARGE (Over-wintering)

vehicle stopped



MORE OUTPUT POWER

PARALLEL CHARGING



SMART CHARGE

Pb

- Status analysis
- Recovery
- Test desulfation
- Desulfation
- Fast charge 80%
- Absorption
- Fast charge 90%
- Floating 100%

LiFePO₄ (LFP) / Li-ion

- Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

Pb TRACTION

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

UVP Wake up (Under Voltage Protection)
Battery reactivation when in UVP protection.
Réactivation de la batterie en protection UVP.
Reaktivierung der Batterie mit UVP-Schutz.

Equalizing Balancing System
Balancing of the battery cells.
Équilibrage des cellules.
Ausgleich der Batteriezellen.

GYSFLASH PL-E TECHNOLOGIES

SSM Save and load settings. Automatic restart in the event of a power cut.
Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.
Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.
Auto Recovery : Récupération des éléments des batteries profondément déchargées (mini 2V) et/ou sulfatées.
Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

SPECIAL PROJECT - CONTACT US

Contact us for special projects. Quick customization : CAN BUS / CAN Open / J1939 / NMEA 2000 / R5485 / SM BVS / Automation / Relays...

SC SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

HIGH EFFICIENCY
Up to 15% Energy Saving
93%

EMC class B

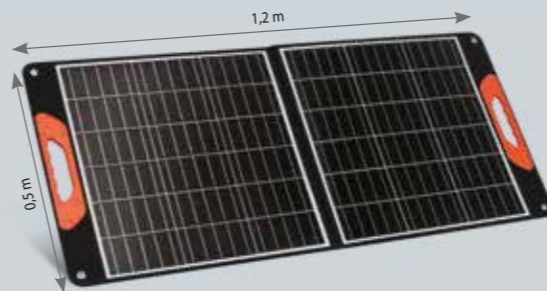
ALU RUST PROTECTION

ULTRA LIGHTWEIGHT

VIBRATION & SHOCK RESISTANT

-25 / +60°C

ACCESSORIES



foldable



Solar panel

monocrystalline - ETFE quality
18V - 100 W max
OUTPUT
USB 1 : 5V/3A
USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A
Type C : 5V/3A ; 9V/2A ; 12V/1.5A
Jack : 18V/5.6A max
compatible with Energys DC/DC 50.12/24

079410

NEW



Battery monitor - Moniteur de batterie - Schlagzeugmonitor - Monitor de batería - Monitoraggio della batteria - Monitor baterii

12/24/36/48 V
Data analysis : Charge/discharge current (0-500A), Voltage (V), Temperature (°C), Input/output power (W), Remaining capacity (Ah)

Security detection : Overvoltage/ Undervoltage, Overcurrent, Overheating

082557

NEW



Battery coupler - Coupleur de batteries - Acoplador de batería - Batteriekoppler - Innesso batteria - Separador akumulatora

12 V - 140 A
Pb battery only
Euro 6 not compatible

082564



BSU

BATTERY SUPPORT UNIT

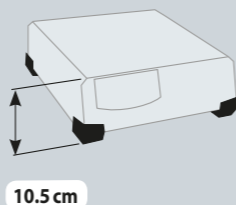
Battery support for:

- ✓ Diagnostics
- ✓ ECU programming
- ✓ ADAS recalibration

YouTube



PLAYLIST
GYSFLASH
PRO



10.5 cm

PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE



22 languages

- GB DK CZ
- FR FI PL
- DE TR SK
- NL HR UA
- ES GR
- PT HU
- IT CN simplified
- RU CN traditional
- SE JP

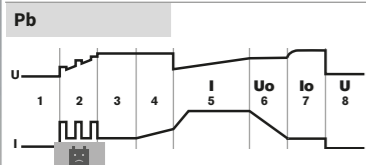
SC SMART COOLING TECHNOLOGY

100% DUST PROOF



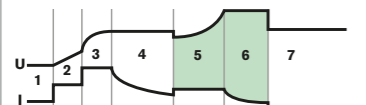
SILENT

SMART 8 STEP



1. Status analysis
2. Recovery
3. Sulphation test
4. Desulfation
5. Fast charge 80%
6. Absorption
7. Refresh
8. Floating 100%

LiFePO₄ 7 steps



1. Status analysis
2. Recovery
3. Fast charge 90%
4. Absorption 95%
5. Completion
6. Equalization
7. Floating 100%

CHARGE

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO₄

BSU

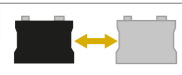
DIAG +



SHOWROOM



CHANGE BATTERY



POWER SUPPLY



12 V

<p>GYSFLASH 30.12</p> <p>30 A</p> <p>PFC SC</p> <p>2,5 m - 6 mm²</p> <p>029224</p>	<p>GYSFLASH 50.12 FV</p> <p>50 A</p> <p>PFC FV SC</p> <p>2,5 m - 10 mm²</p> <p>026056</p>	<p>GYSFLASH 100.12</p> <p>100 A</p> <p>PFC SC</p> <p>2,5 m - 16 mm²</p> <p>029071</p> <p>029453</p> <p>5 m - 16 mm²</p> <p>029415</p> <p>029002</p> <p>082304</p>
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6 / 12 / 24 V

<p>GYSFLASH 30.24</p> <p>30 A</p> <p>PFC SC</p> <p>2,5 m - 6 mm²</p> <p>029231</p>	<p>GYSFLASH 50.24</p> <p>50 A</p> <p>PFC SC</p> <p>2,5 m - 10 mm²</p> <p>029095</p> <p>5 m - 10 mm²</p> <p>029620</p>
---	---

12 V

<p>GYSFLASH 102.12</p> <p>100 A</p> <p>PFC SC</p> <p>5 m - 16 mm²</p> <p>029606</p> <p>082311</p>
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ACCESSORIES p.35

MADE IN FRANCE	50 / 60 Hz	W	mm ²	START MINI	I max	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	kg	↕	L x W x H cm / kg			
GYSFLASH 30.12	185 > 265V	2,5 m	6	12V	540W	2V	30 A	30 A	30 A	10 · 400 Ah	—	Ø M6	21	4.9 kg	25.5 × 10.5 × 23 cm	41.4 × 25 × 31.1 / 4.9
GYSFLASH 50.12 FV	85 > 265V	2,5 m	10	12V	850W	2V	50 A	50 A	40 A	10 · 600 Ah	—	Ø M6	21	6.6 kg	30 × 10.5 × 29 cm	40 × 24 × 30 / 6.6
GYSFLASH 100.12	185 > 265V	2,5 m / 5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 · 1200 Ah	—	Ø M6	21	7.4 kg / 8.3 kg	32 × 10.5 × 29.2 cm	31 × 25 × 41 / 7.4
GYSFLASH 30.24	185 > 265V	2,5 m	6	6V / 12V / 24V	540 W	2V	30 A / 30 A / 15 A	30 A / 30 A / 15 A	30 A / 30 A / 15 A	10 · 400 Ah / 10 · 200 Ah	•	Ø M6	21	4.9 kg	25.5 × 10.5 × 23 cm	41.5 × 24.3 × 31 / 4.9
GYSFLASH 50.24	185 > 265V	2,5 m / 5 m	10	6V / 12V / 24V	1600 W	2V	50 A / 50 A / 45 A	50 A / 50 A / 45 A	45 A / 40 A / 35 A	10 · 600 Ah	•	Ø M6	21	6.6 kg / 7.9 kg	30 × 10.5 × 29.2 cm	41 × 24.5 × 31 / 6.6
GYSFLASH 102.12	185 > 265V	5 m	16	12V	1600W	2V	100 A	75 A	66 A	20 · 1200 Ah	—	Ø M6	21	9.1 kg	12 × 34.5 × 29.5 cm	24 × 40 × 30 / 9.1



BSU BATTERY SUPPORT UNIT

- Battery support for:
- ✓ Diagnostics
 - ✓ ECU programming
 - ✓ ADAS recalibration

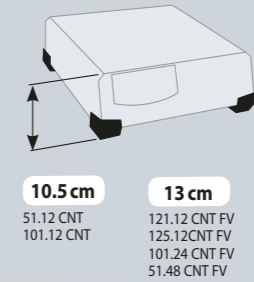
CNT
Connected Technology
FULLY CUSTOMIZABLE
p.32

FV FLEXIBLE VOLTAGE
85 V ← 265 V

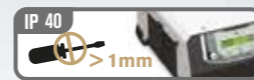
PFC POWER FACTOR CORRECTION

16 V COMPATIBLE WITH 16V BATTERIES

- 22 languages**
- GB RU GR CN simplified
 - FR SE CZ CN traditional
 - DE DK PL JP
 - NL FI SK UA
 - ES TR HR
 - PT HU



12 V (factory preset)
16/24 V READY
Use custom configuration tool (detail p.32)



GYSFLASH 51.12 CNT FV

50 A
PFC FV SC CNT

2,5 m - 10 mm²
068179



GYSFLASH 101.12 CNT FV

100 A
PFC FV SC CNT

2,5 m - 16 mm²
025790
5 m - 16 mm²
026988



12 V

GYSFLASH 121.12 CNT FV

120 A
PFC FV CNT

5 m - 25 mm²
026971
: 027756
: 071605
: 082298



GYSFLASH 125.12 CNT FV

120 A 120 A @ 100%
PFC FV CNT

5 m - 25 mm²
028883
: 082274



6 / 12 / 16 / 24 V

GYSFLASH 101.24 CNT FV

100 A
PFC FV CNT

16 V ✓
5 m - 25 mm²
025967



6 / 12 / 16 / 24 / 36 / 48 V

GYSFLASH 51.48 CNT FV

50 A
PFC FV CNT

16 V ✓
5 m - 10 mm²
072015



SC

SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

SMART 9 STEP

Pb

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

LiFePO₄

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

CHARGE (150 CURVE CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

BSU (10 CURVE CAPACITY)

DIAG + U2 ADJUSTABLE

SHOWROOM

CHANGE BATTERY

POWER SUPPLY U2 & I2 max ADJUSTABLE

AND MORE

TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

STARTER

- ✓ START

CNT

Connected Modules & Technology p.32

MADE IN FRANCE	50/60 Hz	mm ²	START MINI	I max	25°C @100%	40°C @100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	kg	L x W x H cm / kg					
GYSFLASH 51.12 CNT FV	85 > 265 V	2,5 m	10	12V / 24V	850 W	1 V	50 A / 25 A	50 A / 25 A	40 A / 20 A	10 > 600 Ah / 10 > 300 Ah	•	0 M6	41	6.8 kg	30 × 10.5 × 29 cm	38.5 × 22 × 40.5 / 6.8
GYSFLASH 101.12 CNT FV	85 > 265 V	2,5 m / 5 m	16	12V	1600 W	1 V	110 V : 100 A / 230 V : 100 A	50 A / 75 A	50 A / 66 A	20 > 1200 Ah	•	0 M6	21	7.5 kg / 8.3 kg	32 × 10.5 × 29.2 cm	38.5 × 20 × 40.5 / 7.5 35.5 × 23 × 35 / 8.6
GYSFLASH 121.12 CNT FV	85 > 265 V	5 m	25	12V	2000 W	1 V	110 V : 100 A / 230 V : 120 A	75 A / 110 A	55 A / 90 A	20 > 1500 Ah	•	0 M6	20	10.4 kg	31 × 13 × 26 cm	35.5 × 23 × 35 / 10.4
GYSFLASH 125.12 CNT FV	85 > 265 V	5 m	25	12V	2000 W	1 V	110 V : 100 A / 230 V : 120 A	100 A / 120 A	77 A / 116 A	20 > 1500 Ah	•	0 M6	40	10.9 kg	31 × 13 × 26 cm	38.5 × 22 × 40.5 / 10.9
GYSFLASH 101.24 CNT FV	85 > 265 V	5 m	25	6/12V / 24V	3200 W	1 V	110 V : 100 A / 230 V : 100 A	72 A / 89 A	47 A / 68 A	20 > 1200 Ah	•	0 M6	20	10.6 kg	31 × 13 × 26 cm	38.5 × 22 × 40.5 / 10.6
GYSFLASH 51.48 CNT FV	85 > 265 V	5 m	10	6/12/24V / 36/48V	3200 W	1 V	110 V : 50 A / 230 V : 50 A	44 A / 49 A	21 A / 39 A	10 > 600 Ah	•	0 M6	20	9 kg	31 × 13 × 26 cm	41 × 22 × 38.5 / 9



BSU

BATTERY SUPPORT UNIT

Battery support for:

- ✓ Diagnostics
- ✓ ECU programming
- ✓ ADAS recalibration



22 languages

- | | | | | | | | |
|----|----|----|----|----|----|----|----------------|
| GB | NL | IT | DK | HR | PL | UA | CN simplified |
| FR | ES | RU | FI | GR | SK | | CN traditional |
| DE | PT | SE | TR | CZ | HU | | JP |



12 V



GYSFLASH 123.12 CNT FV

120 A

- PFC
- FV
- CNT

5 m - 25 mm²
025677



CNT
Connected
Technology

FULLY CUSTOMIZABLE
p.32

PFC POWER FACTOR CORRECTION

16 V COMPATIBLE WITH 16V BATTERIES

FV FLEXIBLE VOLTAGE



INCLUDED

Fixing kit



OPTIONS

Magnetfix 50
029637



GYSFLASH PRO vertical wall mounting kit
082694



NEW



6 / 12 / 16 / 24V

GYSFLASH 53.24 CNT FV

50 A

- PFC
- FV
- CNT
- SC
- 16 V

5 m - 10 mm²
082540



GYSFLASH 103.24 CNT FV

100 A

- PFC
- FV
- CNT
- 16 V

5 m - 25 mm²
025684



GYSFLASH 103.12 CNT FV

100 A

- PFC
- FV
- SC
- CNT

5 m - 16 mm²
072008



SC

SMART COOLING TECHNOLOGY

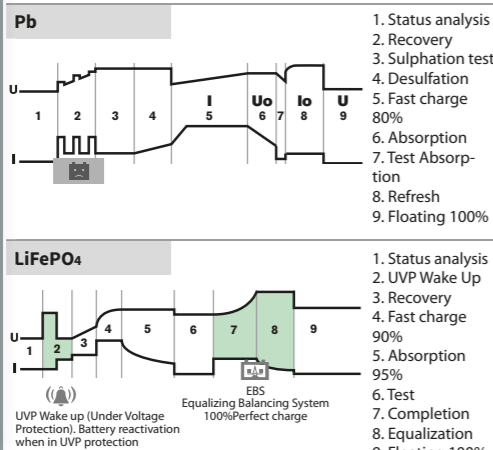
100% DUST PROOF



SILENT



SMART 9 STEP



CHARGE (150 CURVE CAPACITY)

- Pb AUTOMOTIVE**
- ✓ GEL
 - ✓ AGM
 - ✓ LIQUID
 - ✓ EASY
 - ✓ NORMAL
 - ✓ BOOST
 - ✓ RECOVERY+
 - ✓ and more
- Pb TRACTION**
- ✓ GEL
 - ✓ LIQUID
 - ✓ and more
- LITHIUM**
- ✓ LFP/LiFePO₄
 - ✓ LI-ION STD
 - ✓ LFP CELL+
 - ✓ LI-ION CELL+
 - ✓ and more

BSU (10 CURVE CAPACITY)

- DIAG +**
- SHOWROOM**
- CHANGE BATTERY**
- POWER SUPPLY**
- AND MORE**
- TEST**
- ✓ VOLTAGE
 - ✓ START UP
 - ✓ ALTERNATOR
- STARTER**
- ✓ START

CNT

Connected Modules & Technology p.32



MADE IN FRANCE

	50/60 Hz	mm ²		START MINI	I max	25°C @ 100%	40°C @ 100%		TRACTION BATTERIES	SHOWROOM CONNECT	IP		L x W x H cm / kg		
GYSFLASH 103.12 CNT FV	85 > 265 V	5 m	16	12V	1600 W	1V	110 V : 100 A	50 A	50 A	—	Ø M6	21	8,2 kg	34,5 × 29,5 × 12 cm	41 × 38,5 × 22 / 9,2
							230 V : 100 A	75 A	66 A						
GYSFLASH 123.12 CNT FV	85 > 265 V	5 m	25	12V	2000 W	1V	110 V : 100 A	100 A	85 A	•	Ø M6	30	11 kg	34 × 25 × 15 cm	35,5 × 23,5 × 35 / 11
							230 V : 50 A	120 A	120 A						
GYSFLASH 53.24 CNT FV	85 > 265 V	5 m	10	6/12V	1600 W	1V	50 A	110 V : 40 A	110 V : 27 A	•	Ø M6	21	5,8 kg	33,5 × 11 × 27 cm	41 × 38,5 × 22 / 11
				24V			110 V : 25 A	110 V : 27 A	110 V : 22 A						
GYSFLASH 103.24 CNT FV	85 > 265 V	5 m	25	6/12V	3200 W	1V	110 V : 100 A	100 A	68 A	•	Ø M6	30	11 kg	34 × 25 × 15 cm	35 × 23 × 37 / 11
				24V			230 V : 100 A	100 A	79 A						



BSU BATTERY SUPPORT UNIT

- Battery support for:
- ✓ Diagnostics
 - ✓ ECU programming
 - ✓ ADAS recalibration

CNT
Connected Technology
FULLY CUSTOMIZABLE
p.32

FV FLEXIBLE VOLTAGE
85 V ← 265 V

PFC POWER FACTOR CORRECTION

16 V COMPATIBLE WITH 16V BATTERIES



22 languages

- GB NL IT DK HR PL UA CN simplified
- FR ES RU FI GR SK CN traditional
- DE PT SE TR CZ HU JP

TRACTION



NEW

19 languages

- GB FI
- FR TR
- DE HR
- NL GR
- ES CZ
- PT PL
- HU SK
- IT UA
- RU
- SE DK

6 / 12 / 16 / 24 V

GYSFLASH 107.24 CNT FV

100 A

PFC FV CNT 16 V

5 m - 25 mm²
082939



INCLUDED

Fixing kit



OPTIONS

Magnetfix 50



GYSFLASH PRO vertical wall mounting kit



NEW



6 / 12 / 16 / 24 / 36 / 48 V

GYSFLASH 25.48 CNT FV

25 A

PFC SC FV CNT 16 V

5 m - 10 mm²
075962



GYSFLASH 53.48 CNT FV

50 A

PFC FV CNT 16 V

5 m - 10 mm²
025998



SC

SMART COOLING TECHNOLOGY

100% DUST PROOF

SILENT

SMART 9 STEP

Pb

- Status analysis
- Recovery
- Sulphation test
- Desulfation
- Fast charge 80%
- Absorption
- Test Absorption
- Refresh
- Floating 100%

LiFePO₄

- Status analysis
- UVP Wake Up
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- Floating 100%

UVP Wake up (Under Voltage Protection). Battery reactivation when in UVP protection

Equalizing Balancing System 100% Perfect charge

CHARGE (150 CURVE CAPACITY)

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+
- ✓ and more

Pb TRACTION

- ✓ GEL
- ✓ LIQUID
- ✓ and more

LITHIUM

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+
- ✓ and more

BSU (10 CURVE CAPACITY)

DIAG +

SHOWROOM

CHANGE BATTERY

POWER SUPPLY

AND MORE

TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

STARTER

- ✓ START

CNT

Connected Modules & Technology p.32

MADE IN FRANCE	50 / 60 Hz	mm ²	START MINI	I max	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	L x W x H cm / kg						
GYSFLASH 107.24 CNT FV	85 - 265 V	5 m	25	6/12V	3200 W	1 V	110 V : 100 A 230 V : 100 A	100 A 100 A	68 A 79 A	20 - 1200 Ah	•	Ø M6	30	11 kg	34 × 25 × 15 cm	35 × 23 × 37 / 11
				24V	110 V : 50 A 230 V : 100 A	50 A 95 A	47 A 72 A									
GYSFLASH 25.48 CNT FV	100 - 127 V 220 - 240 V	5 m	10	6/12/24V	800 W 800 W	1 V	110 V : 12 A 230 V : 25 A	19 A 23,5 A	12 A 22 A	10 - 300 Ah	•	Ø M6	21	7,8 kg	12 × 34,5 × 29,5 cm	40,5 × 38 × 22,5 / 8,8
				36/48V	800 W 1600 W	13 A 24 A	10 A 20 A									
GYSFLASH 53.48 CNT FV	85 - 265 V	5 m	10	6/12/24V	3200 W	1 V	110 V : 50 A 230 V : 50 A	50 A 50 A	28 A 41 A	10 - 600 Ah	•	Ø M6	30	9,5 kg	34 × 25 × 15 cm	40 × 39 × 23 / 9,5
				36/48V	110 V : 25 A 230 V : 50 A	26 A 48 A	20 A 37 A									



BSU BATTERY SUPPORT UNIT & STARTER

CNT Connected Technology

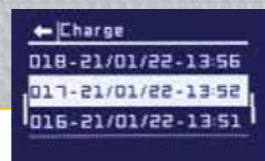
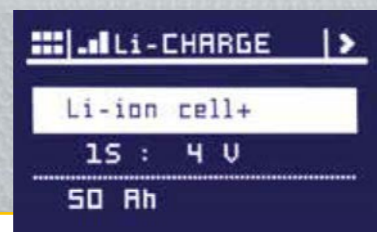
- Battery support for:
- ✓ Diagnostics
 - ✓ ECU programming
 - ✓ ADAS recalibration

SPECIAL PROJECTS

Contact us for special projects.
Quick Customization:
Modes, Curves, parameters...

22 languages

- GB RU GR CN simplified
- FR SE CZ CN traditional
- DE DK PL JP
- NL FI SK
- ES TR UA
- PT HR
- IT HU



4 in 1

AUTOMATIC CHARGE

Pb AUTOMOTIVE

- ✓ GEL
- ✓ AGM
- ✓ LIQUID
- ✓ EASY
- ✓ EXPERT
- ✓ NORMAL
- ✓ BOOST
- ✓ RECOVERY+

Pb TRACTION

- ✓ GEL
- ✓ LIQUID

LITHIUM READY

- ✓ LFP/LiFePO₄
- ✓ LI-ION STD
- ✓ LFP CELL+
- ✓ LI-ION CELL+

BSU

DIAG +



SHOWROOM



CHANGE BATTERY



POWER SUPPLY



AUTOMATIC STARTER

- ✓ START

TEST

- ✓ VOLTAGE
- ✓ START UP
- ✓ ALTERNATOR

- ✓ FULL PROTECTION
 - On-board electronics
 - Over voltage
 - No sparks

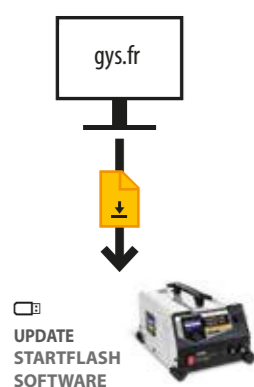
- UNIVERSAL MODE
- AUTO SELECTION
- SULFATED BATTERIES
- START STOP ALL BATTERIES
- GO >1V

PFC POWER FACTOR CORRECTION
185V ← 265V



CNT Connected Technology

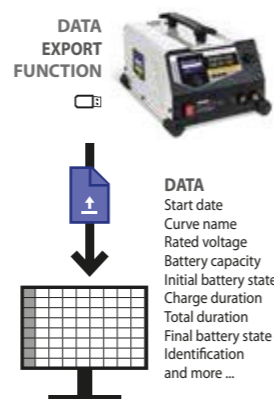
SOFTWARE UPDATE



CUSTOMIZATION



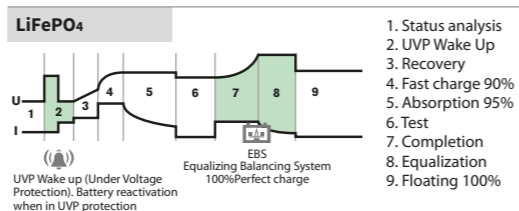
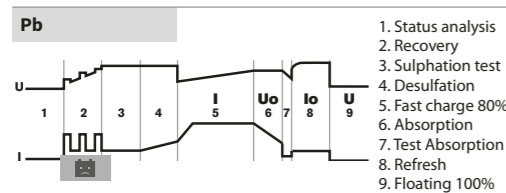
TRACEABILITY



Connected Modules & Technology p.32



SMART 9 STEP



6/12/16/24V

STARTFLASH 120.24 CNT

2, 300 A

5 m - 35 mm² → 700 A

073616

OPTION

Trolley 074965



STARTER RECOMMENDATION	6V	12V	24V	10 • 180 Ah	180 • 250 Ah

MADE IN FRANCE	50 / 60 Hz	CHARGE	START MINI	I max	25°C @100%	40°C @100%	TRACTION BATTERIES	START			IP	LxWxH cm / kg	LxWxH cm / kg	
								1V/C	0V/C	AUTO START				
STARTFLASH 120.24 CNT	85 > 265 V	6/12/24V	3500W	2V	110V: 100A	75A	55A	•	6/12/24V	150A	150A	20	49 x 37.5 x 30.5 / 14	41.5 x 32.5 x 25.5 / 18.5
					230V: 120A	110A	90A		6V:	300A	300A			
									12V:	300A	300A			



BSU BATTERY SUPPORT UNIT

CNT
Connected Technology
FULLY CUSTOMIZABLE
p.32

CAR MANUFACTURING



YouTube

PLAYLIST
CNT TECHNOLOGY

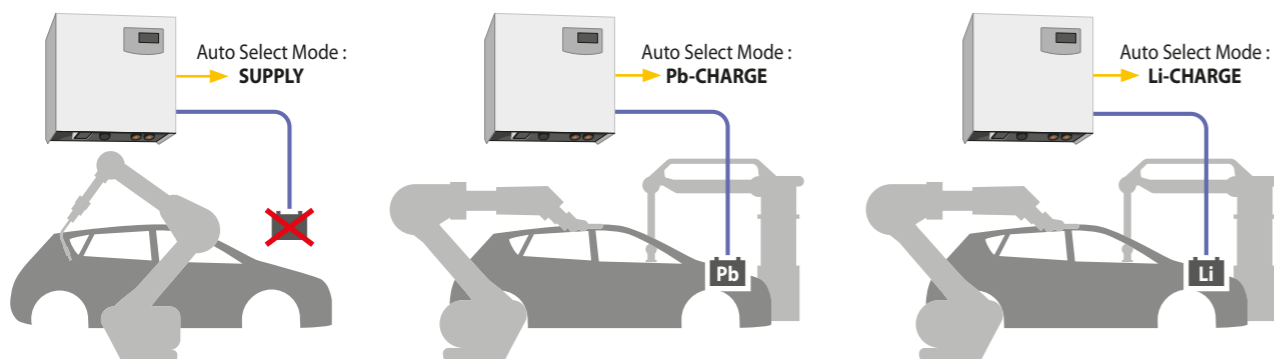
19 languages

- GB ES RU TR PL
- FR PT SE HR SK
- DE HU DK GR UA
- NL IT FI CZ

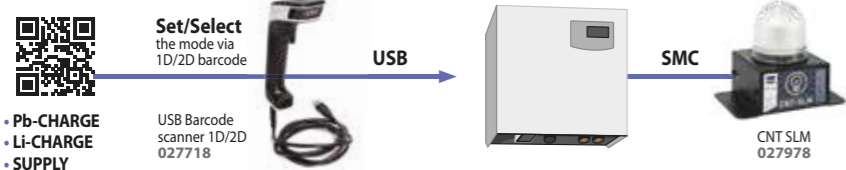


SPECIAL PROJECT - CONTACT US

AUTOMATIC BATTERY DETECTION & MODE SELECTION



CONTROL VIA 1D/2D BARCODES



CONFIG DESIGNER MENU

Setting the charge curve from the Gysflash interface :

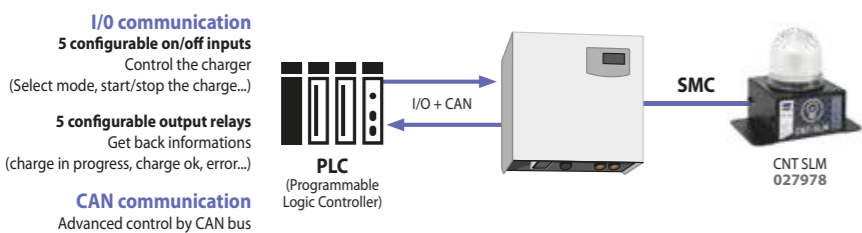
```

lead-acid n°001
U_esp 11.5 V
U_lade 14.8 V
I_lade 150.0 A
I_ehl 2.5 A
T_min 00:05:00
T_max 65:00:00
Q_max 250 Ah
T/Q_max error EHL
U_ehl 13.2 V
T_ges 250:00:00
U_low 5.0 V
  
```

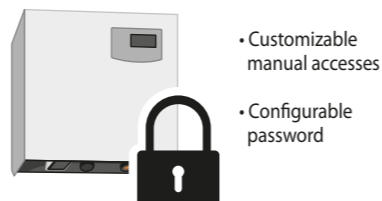


*No computer or USB key needed

ADVANCED AUTOMATION



SECURE ACCESS



- Customizable manual accesses
- Configurable password

CHARGE (150 CURVE CAPACITY)

- Pb CHARGE**
 - LEAD ACID
 - and more
- Li CHARGE**
 - LITHIUM
 - and more

SUPPLY (10 CURVE CAPACITY)

- EPS (External Power Supply)
- and more

POWER-UP

- LITHIUM REACTION MODE

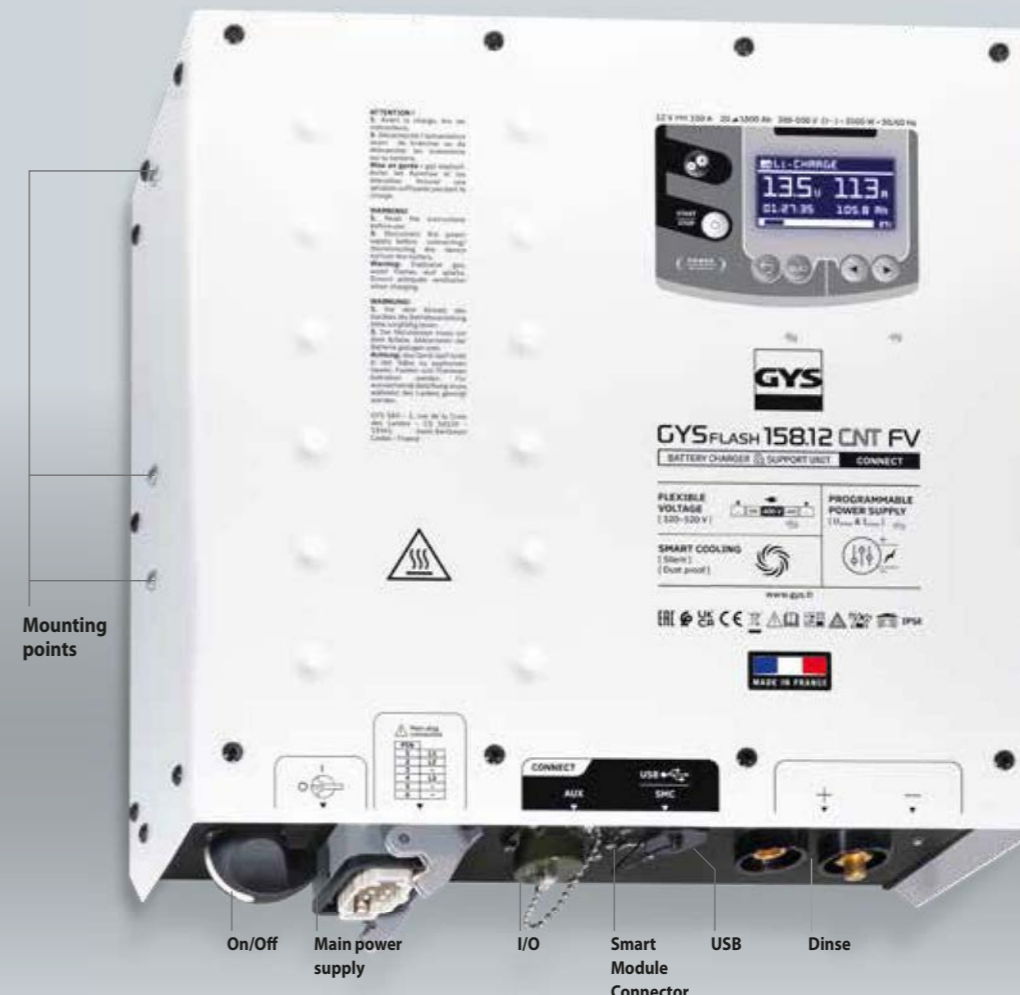
PFC POWER FACTOR CORRECTION

FV FLEXIBLE VOLTAGE
85 V ↔ 265 V

FV FLEXIBLE VOLTAGE
320V ↔ 520V



NEW



Mounting points

On/Off
Main power supply

I/O

Smart Module Connector

USB

Dinse

SCREW CONNECTOR available on request

12 V

COMING SOON

GYSFLASH 108.12 CNT FV
105 A
PFC SC FV CNT
085602

COMING SOON

GYSFLASH 148.12 CNT FV
145 A
PFC SC FV CNT
069916

COMING SOON

GYSFLASH 158.12 CNT FV
150 A
SC FV CNT
069909

MADE IN FRANCE	50 / 60 Hz	~	↕	mm ²	START MINI	I _{max}	25°C @100%	40°C @100%	60°C @100%	IP	↑				
GYSFLASH 108.12 CNT FV	85 > 265V	1	5 m	25	12V	1800 W	1V	110 V : 65 A 230 V : 105 A	65 A 105 A	65 A 88 A	62 A 88 A	20 > 700 Ah 20 > 1200 Ah	54	9.4 kg	37.6 × 14.5 × 29.6 cm
GYSFLASH 148.12 CNT FV	85 > 265V	1	5 m	25	12V	2500 W	1V	110 V : 100 A 230 V : 145 A	100 A 134 A	90 A 116 A	62 A 88 A	20 > 1200 Ah 20 > 1800 Ah	54	9.4 kg	37.6 × 14.5 × 29.6 cm
GYSFLASH 158.12 CNT FV	320 > 520V	3	5 m	25	12V	2500 W	1V	150 A	140 A	120 A	100 A	20 > 1800 Ah	54	10.3 kg	37.6 × 14.5 × 38 cm



BSU

BATTERY SUPPORT UNIT

CNT
Connected
Technology



USB key
16 Gb
062344



Contact us for special projects.

Quick Customization:
Modes, Curves, parameters...

SOFTWARE UPDATE LIFETIME EVOLUTION



TRACEABILITY CHARGING DATA



DESIGN YOUR CHARGING CURVE PRODUCT CONFIGURATION (CONFIG CURVE / LOGISTIC / CHARGING CURVE)

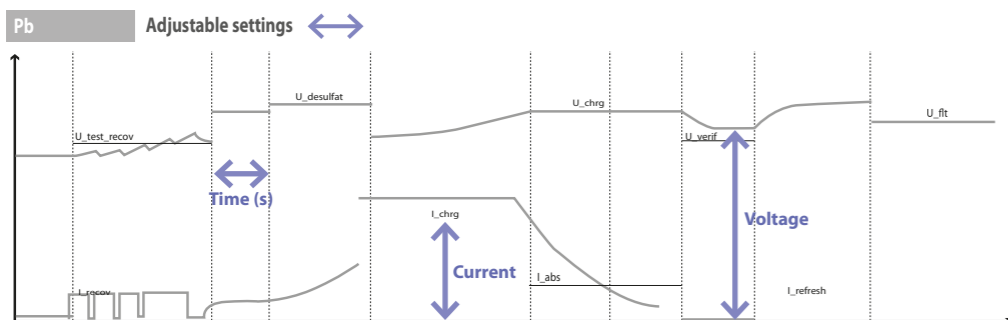
CNT MANAGER (gys.fr)

- GYSFLASH parameters
- Custom curves
- Multi-unit management
- Import/export configurations
- ...



Full customisation

Create your personalised configuration



Adjust your unit to best suit your application

	LEAD-ACID - PB	Lithium - LFP	Lithium - Li-ion std
CELL VOLTAGE (20% - 100%)	2.0V/cell – 2.15 V/cell	3.2V/cell – 3.6 V/cell	3.5 V/cell – 4.2 V/cell
CHARGING VOLTAGE	2.33 V/cell – 2.47 V/cell	3.6 V/cell	4.2 V/cell
Gysflash xx.12 CNT	1 S* – 6 S	1 S – 4 S	1 S – 3 S
Gysflash xx.24 CNT	1 S – 12 S	1 S – 8 S	1 S – 7 S
Gysflash xx.48 CNT	1 S – 24 S	1 S – 16 S	1 S – 14 S

*S = Battery serial cells

Download one of our GYS configuration

Configuration file (gys.fr)	Applications	CHARGE MODE										POWER MODE				MISCELLANEOUS				
		Pb-CHARGE					LI-CHARGE			TRACTION		SHOWROOM	DIAG+	CHANGE BAT.	STARTER MODE	POWER SUPPLY	LI-SUPPLY/LFP	LI-SUPPLY/Li-ion	TESTER MODE	
		normal	AGM	liquid	Easy	Boost	Recovery +	Ca / Ca recov	LFP/LiFePO4	Li-ion std	LFP cell+									Li-ion cell+
1_gys_original.gfc	Initial configuration of the charger	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2_car_extended.gfc	Extensive features for garages	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3_showroom_only.gfc	Simplified version for dealerships and demonstration vehicles												✓							
4_pro_lithium.gfc	Professional of lithium battery										✓	✓	✓	✓		✓	✓	✓		
5_traction.gfc	Forklift truck, electric pallet truck, stacker...																		✓	✓
6_full_version.gfc	Full version	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

MODULES MAXIMUM VERSATILITY

SINGLE MODULE



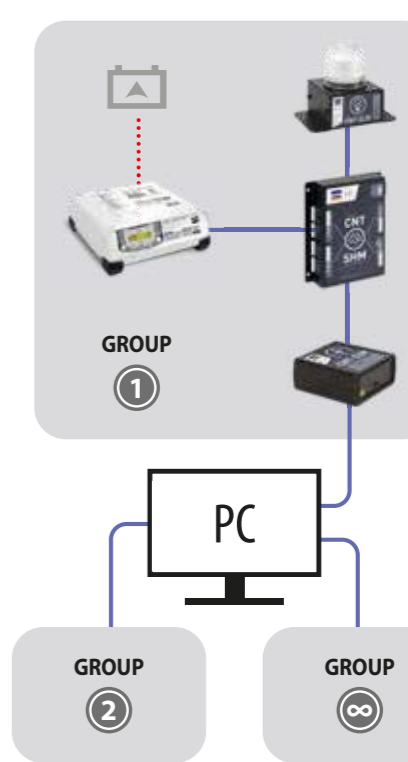
MULTI MODULES



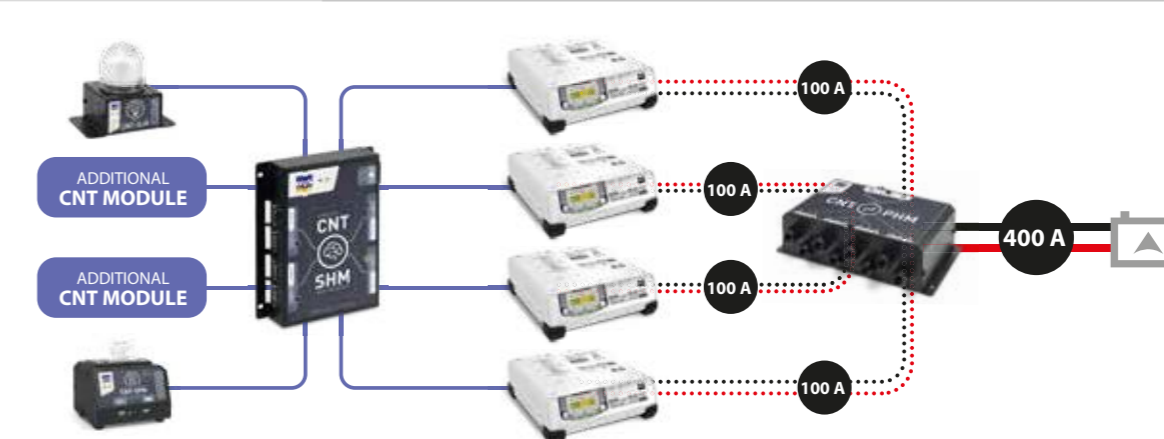
ADVANCED



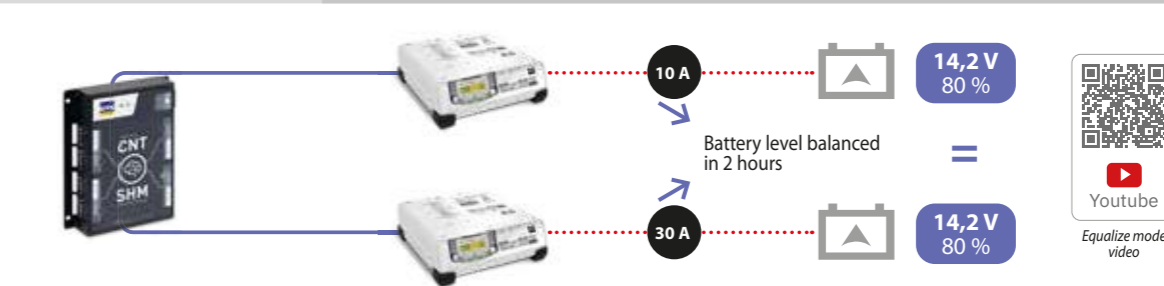
MULTI-MODULES GROUPS



PARALLEL CHARGING EXAMPLE : GYSFLASH 101.12 CNT (X4)



EQUALISATION APPLICATION EXAMPLE: DIAGNOSTICS OR RESPROGRAMMING TRUCKS





BSU BATTERY SUPPORT UNIT

CNT
Connected
Technology

COMING SOON



YouTube
PLAYLIST
CNT TECHNOLOGY

SMC CABLE

1 m 056596 3 m 025691



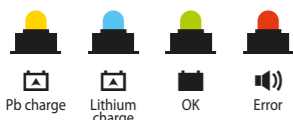
Scratch mounted

Magnetic mounting



LIGHT & SOUND

CNT-SLM
Smart Light Module
027978



12.6 x 14.6 x 9.3 cm / 560g
23 x 17 x 13 cm / 840g

Included
SMC Cable
1 m
056596

OPTIONS

SLM/SPM support
028906



PRINT

CNT-SPM
Smart Printer Module
026919

14 x 10.5 x 13.3 cm / 1.4 kg
23 x 17 x 13 cm / 1.9 kg



Customizable receipt

Included

SMC Cable
1 m
056596



Standard roller x2
57mm x 7.5 m, Ø 25 mm
056633

OPTIONS

USB Keyboard

AZERTY 027725
QWERTY 027770

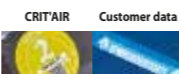
QWERTZ compatibility



SCAN

USB Barcode scanner
1D/2D
027718

USB direct connection



OPTIONS

Support
Barcode scanner
025745



NEW CNT-SCM
Smart Can Module



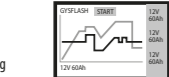
PC

SMART COMMUNICATION

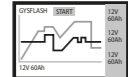
CNT-SUM
Smart USB Module
025974

USB micro A
6.9 x 6.8 x 2.9 cm / 85g
28.5 x 11 x 11.5 cm / 380g

Included
SMC Cable
1 m
056596



Computer /
Diag System



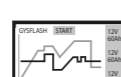
CNT-SWM
Smart Wireless Module
070837

Bluetooth LE Wifi
COMING SOON

Included
SMC Cable
1 m
056596



Computer /
Diag System



SMART HUB MODULE

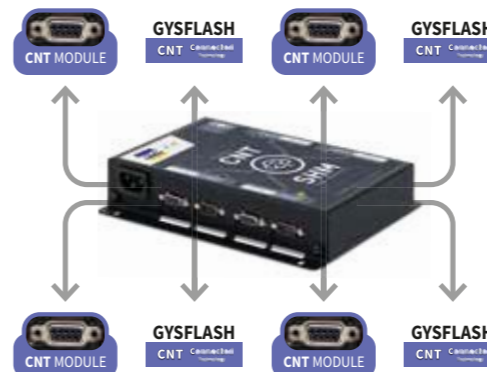
CNT-SHM
Smart Hub Module
025981

22 x 18 x 4.5 cm / 1 kg
16.4 x 13.4 x 24 cm / 1.7 kg

Included
SMC Cable
1 m
056596



UP TO 4 MODULES + 4 GYSFLASH



POWER HUB MODULE

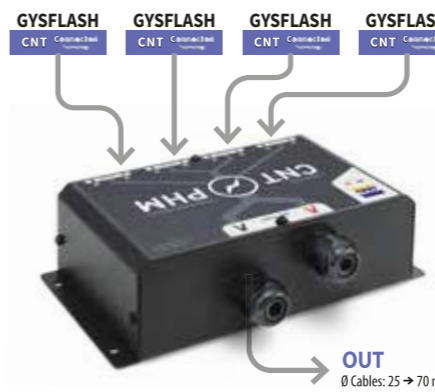
CNT-PHM
Power Hub Module
056589

31.7 x 24.5 x 9 cm / 2.7 kg
32 x 29 x 13.5 cm / 3.2 kg

Included
M6 KIT



4 GYSFLASH IN
Ø Cables: 10 → 25 mm²



OUT
Ø Cables: 25 → 70 mm²



CHARGERS STANDARD ACCESSORIES

ANDERSON CABLES



	Anderson / Clamps	Anderson / NATO	Anderson / Rema 160 A	Anderson / Anderson 175 A	Anderson / Texas
for GYSFLASH	2.5 m - 16 mm ² 056503 5 m - 16 mm ² 054615 8 m - 16 mm ² 056572	5 m - 16 mm ² 026810 	5 m - 16 mm ² 069091	5 m - 16 mm ² 069107	0.2 m - 16 mm ² 055902 1 m - 16 mm ² 028791
30.12					
50.12	✓	✓	—	—	✓
100.12					
101.12					
102.12					
32-12 PL					
30.24	✓	✓	✓	✓	✓
50.24	✓	✓	✓	✓	✓
53.48	✓	✓	✓	✓	—

TEXAS CABLES



	Texas/Clamps	Texas / Rema 160 A	Texas/Anderson 175 A	Texas / NATO	
for GYSFLASH	2.5 m - 25 mm ² 028876 5 m - 25 mm ² 027886	5 m - 25 mm ² 025714	5 m - 25 mm ² 025721	5 m - 25 mm ² 025707 10 m - 25 mm ² 056626	
101.24					
121.12	✓	✓	✓	✓	✓
123.12					
103.24					
125.12					

PARALLEL CABLES KIT 072954



Anderson/Cable lugs M6 x2 16 mm ² - 1 m	Cable lugs/Cable lugs M6 x2 (1 red + 1 black) 35 mm ² - 5 m	Texas/Cable lugs M6 x2 25 mm ² 1 m	M6 KIT Ø16 (x4) Ø25 (x4) Ø35 (x4)	SMC Cable 1 m
---	--	---	--	------------------

INTERNAL FUSES



EXTERNAL FUSES



CONNECTORS





CHARGERS SUPPORTS



ALL GYSFLASH
- COMPATIBILITY -
VERTICAL & HORIZONTAL

NEW
09 2024



BSU Flash XL
028890

BSU Flash Plus
085510

NEW
09 2024



robust tyres

**OPTION
Cable support**
052284

**OPTION
Protective cover**
062733

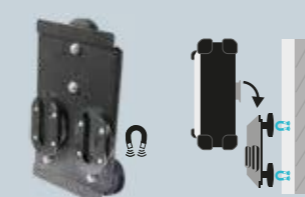
Wall support for GYSFLASH

32.12 PL, 102.12, 123.12, 103.12, 103.24,
15.24 XTREM, 25.48, 53.48

INCLUDED Fixing kit



OPTION Magnetfix 50



OPTION GYSFLASH PRO vertical wall mounting kit



Wall support Tablette Wandhalterung



↓ 21 x 43 x 57 cm / ⚖ 3.9 kg
☞ 36 x 43 x 20 cm / ⚖ 3.3 kg

Heavy-duty case Valise de chantier Hartschalenkoffer



IP67

Battery charging rack Rack de charge Ladeständer

079595



GYSFLASH CNT PACKS

101.12 CNT 026988	121.12 CNT 026971	101.24 CNT 025967	CNT-SPM + paper roll + support 026919 + 056633 + 028906	Barcode Scanner + support 027718 + 025745	BSU Flash XL 028890	BSU Flash Plus 085510	CNT SLM 027978	CNT SHM 025981	CNT PHM 056589	Parallel cable kit 072954	SMC Cable (1m) 056596

SINGLE GYSFLASH

pack GYSFLASH CNT 1 068117	✓	—	—	✓	✓	✓	QWERTY	✓	—	—	—	—	—
pack GYSFLASH CNT 2 068124	✓	—	—	✓	✓	✓	AZERTY	✓	—	—	—	—	—
pack GYSFLASH CNT 3 068131	—	✓	—	✓	✓	✓	QWERTY	✓	—	—	—	—	—
pack GYSFLASH CNT 4 068148	—	✓	—	✓	✓	✓	AZERTY	✓	—	—	—	—	—

DOUBLE GYSFLASH

pack GYSFLASH CNT 5 072978	✓x2	—	—	✓	✓	✓	AZERTY	✓	—	✓	✓	✓	✓
pack GYSFLASH CNT 6 074972	✓x2	—	—	✓	✓	✓	QWERTY	✓	—	✓	✓	✓	✓
pack EQUILIBRAGE 1 085534	✓x2	—	—	—	—	—	—	—	✓	—	—	—	✓
pack EQUILIBRAGE 2 085541	✓x2	—	—	—	—	—	—	—	✓	—	—	—	✓
pack EQUILIBRAGE 3 085558	—	—	✓x2	—	—	—	—	—	✓	—	—	—	✓
pack EQUILIBRAGE 4 085565	—	—	✓x2	—	—	—	—	—	✓	—	—	—	✓

WITHOUT GYSFLASH

pack Parallel Charging 072961	—	—	—	—	—	—	—	—	—	✓	✓	✓	—
pack GYSFLASH PRO 1 079908	—	—	—	✓	✓	✓	AZERTY	✓	—	✓	✓	—	—
pack GYSFLASH PRO 2 079915	—	—	—	✓	✓	✓	QWERTY	✓	—	✓	✓	—	—



CHARGERS

SSM

Save and load settings. Automatic restart in case of power cut.

Mémorisation des réglages. Redémarrage automatique en cas de coupure électrique.

Einstellungsspeicherung. Automatisches Starten nach einem Netzausfall.

START STOP

Start/stop Engine : Compatible with Start/Stop vehicles. Compatible véhicules Start/Stop. Geeignet für START-STOP-Fahrzeuge.

Cold charge

"Cold charge" mode: performance-enhancing charging mode for cold or freezing weather conditions.

Mode "Cold charge": optimisation des performances en cas de temps froid ou de gel.

-Cold Charge--Modus: Leistungsoptimierung bei kaltem Wetter oder bei Frost.

INCLUDED

all ARTIC

Eyelets / Cèllets / Ösen 30 cm 026872

Clamps / Pincès / Klemmen 35 cm 026865

ARTIC

IP 65

WATER PROTECTION
ARTIC 1500, 4000 & 8000

CHARGERS ONLY



AUTOMATIC SMART HF INVERTER



ARTIC 800

12V 0.8A GO > 7V

SSM

029569

029682



ARTIC 1500

12V 1.5A GO > 7V

SSM

029576



ARTIC 4000

6/12V 4/1-4A

SSM START STOP Cold charge

029583

029705



ARTIC 8000

2/8A 12V GO > 7V

SSM START STOP Cold charge

029590

029712



ENERGY

PATENTS REGISTERED NUMBERS
001652090-0001
EUROPEAN TRADEMARK & DESIGN



12V • TRADITIONAL W

ENERGY 124

3A

SSM

023215



ENERGY 126

4A

SSM

023222

025165



TCB

PATENTS REGISTERED NUMBERS
001652090-0001
EUROPEAN TRADEMARK & DESIGN



2 IN 1

CHARGE



TEST

12V • AUTOMATIC WU

TCB 60

2/4A GO > 3.5V

SSM START STOP

023253



TCB 90

2/5.5A GO > 3.5V

SSM START STOP

023260



TCB 120

3.5/7A GO > 3.5V

SSM START STOP

023284

025240



Fuse X10 10A 054530 15A 054493

RECOMMENDATION	6V		12V		24V		6V											
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah					
Maintenance																		
ARTIC 800				1.6 • 25 Ah		1.6 Ah •												
ARTIC 1500						3 Ah •					3 Ah • 100 Ah							
ARTIC 4000						2 Ah •					2 Ah • 130 Ah							
ARTIC 8000						4 Ah •							180 Ah	4 Ah • 240 Ah				
ENERGY 124											10 • 45 Ah							
ENERGY 126											15 • 60 Ah							
TCB 60								10 Ah •										
TCB 90											15 • 90 Ah							
TCB 120													20 • 120 Ah					



CT

CHARGERS



CT 160
9 A
1.5 m - 1.5 mm² → 40 A
024106
SSM 025325



CT 210
12 A
1.5 m - 2.5 mm² → 40 A
024113
SSM 025349

12/24 V • MANUAL **W**

CA



Protection for on-board electronics



CA 150
10 A
1.5 m - 2.5 mm² → 40 A
024434
SSM



CA 360
25 A
2 m - 6 mm² → 60 A
023185
SSM

12/24 V • AUTOMATIC **W2**

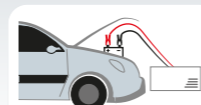
MULTICHARGE



MULTICHARGE CT 48
32 A
SSM 026087

12/24/36/48 V • MANUAL **W**

WATTMATIC



Protection for on-board electronics



WATTMATIC 100
5 A GO > 3.5 V
SSM START STOP 024823
1.5 m - 1.5 mm² → 40 A



WATTMATIC 140
9 A GO > 3.5 V
SSM START STOP 025608
1.5 m - 2.5 mm² → 40 A



WATTMATIC 170
10 A GO > 3.5 V
SSM START STOP 025615
1.8 m - 2.5 mm² → 40 A

6/12 V • AUTOMATIC **WUoU**



Fuse x10

10A WATTMATIC 100 054530

15A CT 160, WATTMATIC 140 054493

20A CT 210, WATTMATIC 150 & 170 054509

25A CA 150, WATTMATIC 180 054516

40A CT 48 054646

50A CA 360 054622

	Input	Output	Power	CHARGE				Eff. / RMS	Reg	Fuse	L x W x H cm / kg	Weight
				Average / Moyen (EN 60335)			Reg					
				Reg 1	Reg 2	Reg 3						
CT 160	230V, 50/60 Hz	12V/24V	190W	12V > 7A 24V > 3A	9A (boost) 5A (boost)	—	13.5A 7.5A	2	15A	30.3 x 20.7 x 13.9 / 3.9	3.9 kg	
CT 210	230V, 50/60 Hz	12V/24V	260W	12V > 8A 24V > 4A	12A (boost) 6A (boost)	—	18A 9A	2	20A	33.4 x 22.5 x 14.4 / 5.3	5.2 kg	
MULTICHARGE CT 48	230V, 50/60 Hz	12/24/36/48V	1200W	12V > 20.8A 24V > 20.1A 36V > 19.6A 48V > 15.5A	32.4A 31.8A 30.4A (boost) 18.7A (24.3A boost)	—	31A 29A 29A 28A	6	40A	40.5 x 34 x 24 / 15.8	15.5 kg	
CA 150	230V, 50/60 Hz	12/24V	500W	8A	10A (boost)	—	18A	2	25A	32.8 x 25.5 x 14.6 / 6.5	6 kg	
CA 360	230V, 50/60 Hz	12/24V	920W	7A	15A (boost1) 25A (boost2)	—	37A	3	50A	43 x 30 x 23 / 14	14 kg	
WATTMATIC 100	230V, 50 Hz	6/12V	170W	3A	5A	—	11.4A	2	10A	26.9 x 24.3 x 12.8 / 3.7	3.8 kg	
WATTMATIC 140	230V, 50 Hz	6/12V	230W	5A	9A (boost)	—	16.5A	2	15A	33.9 x 22.2 x 13.4 / 4.8	4.8 kg	
WATTMATIC 170	230V, 50 Hz	6/12V	280W	6.5A	10A (boost)	—	18.8A	2	20A	33.9 x 22.2 x 13.6 / 5	5 kg	

RECOMMENDATION	6V												12V												24V												30V												36V												48V												60V											
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah						
CT 160																																																																																				
CT 210																																																																																				
MULTICHARGE CT 48																																																																																				
CA 150																																																																																				
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WATTMATIC 100																																																																																				
WATTMATIC 140																																																																																				
WATTMATIC 170																																																																																				



41

CT / CA / WATTMATIC
CHARGERS

DESIGN GYS FRANCE
MADE IN GYS CHINA



BATIUM

- SSM SELF START MEMORY
- AUTO DETECT BATTERY VOLTAGE DETECTION
- START STOP ALL BATTERIES

CHARGERS

AUTOMATIC, SMART & FAST



Microprocessor Control



FULL PROTECTION
On-board electronics
Over voltage



Reverse polarity
No sparks



YouTube

PLAYLIST BATIUM



BATIUM 7.12
7 A GO > 2 V
SSM START STOP AUTO DETECT

1.5 m - 1.5 mm² → 40 A

024496

024557



BATIUM 15.12

15 A GO > 0.5V
SSM START STOP AUTO DETECT
MODE SOS RECOVERY

1.5 m - 2.5 mm² → 40 A

024519

024632



6/12V IUoU



BATIUM 7.24
7 A GO > 2 V
SSM START STOP AUTO DETECT

1.5 m - 1.5 mm² → 40 A

024502



BATIUM 15.24

15 A GO > 0.5V
SSM START STOP AUTO DETECT
MODE SOS RECOVERY

1.5 m - 2.5 mm² → 40 A

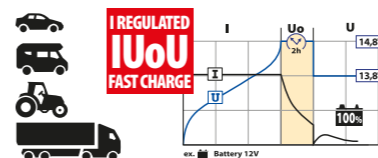
024526

024588

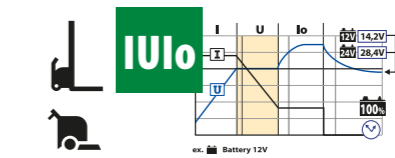


6/12/24V IUoU

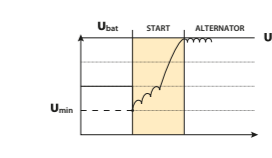
I REGULATED FAST CHARGE



TRACTION BATTERY CHARGING



TEST



BATIUM 25.24 X

25 A GO > 0.5V
SSM START STOP AUTO DETECT
MODE SOS RECOVERY

2 m - 6 mm² → 60 A

024830

6/12/24V



IUoU

Specific charge
Traction batteries



Fuse x10

15A
BATIUM 7/12 & 7/24
054493

30A
BATIUM 15/12 & 15/24
054523

RECOMMENDATION	6V												12V												24V													
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah
BATIUM 7.12													15 · 130 Ah																									
BATIUM 7.24													15 · 130 Ah																									
BATIUM 15.12													35 · 225 Ah																									
BATIUM 15.24													35 · 225 Ah																									
BATIUM 25.24 X													35 · 350 Ah																									

MADE IN FRANCE	50/60 Hz	Reg	CHARGE							Fuse	L x W x H cm / kg	MODE SOS RECOVERY	
			RMS / Efficace	Average / Moyen (EN 60335)				boost	Deeply Sulfated batteries				
				Reg 1	Reg 2	Reg 3	boost						
BATIUM 7.12	230V	105W	6/12V	2	11A	3A	—	—	7A	15A	13.5 x 36 x 21 / 4.6	4.6 kg	—
BATIUM 15.12	230V	225W	6/12V	3	22A	7A	10A	—	15A	30A	36.2 x 21.2 x 14 / 5.7	5.6 kg	•
BATIUM 7.24	230V	210W	6/12/24V	2	11A	3A	—	—	7A	15A	34.8 x 21 x 14.1 / 5.4	5.4 kg	—
BATIUM 15.24	230V	450W	6/12/24V	3	22A	7A	10A	—	15A	30A	36.2 x 21 x 14.3 / 7.1	7.1 kg	•
BATIUM 25.24X	230V	1150W	6/12/24V	3	37A	7A	15A	25A	—	—	42 x 28 x 24.5 / 13.5	13.4 kg	•





MULTICHARGE STATION

CHARGERS MULTICHARGE STATION



FULL PROTECTION

Reverse polarity

Over voltage

No sparks

12V

DHC 54E

4x5 A

Liquid-Gel

025097

35 x 19 x 7.5 cm / 2.5 kg

NEW
01 2025



6/12V

I REGULATED IUoU FAST CHARGE

MULTICHARGE STATION

4x10 A

Pb-Li

083578

34.5 x 38 x 31.5 cm / 6.3 kg

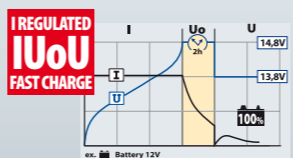


CONNECTOR OPTIONS

SAE compatibility
more p.16



REPAIR MODE
RECOVERY OF
SULFATED BATTERIES



STARTERS & CHARGERS

12 - 24 V

TRADITIONAL

START	44
NEOSTART	45

AUTOMATIC

STARTIUM	46
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BATTERY SUPPORT UNIT

DIAG-STARTIUM	47
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RECOMMENDATION	6V			12V			24V			6V												
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	Motorcycle	Car	Van	Truck	Tractor	Excavator	Bus	Boat	
DHC 54E				10 > 100 Ah			10 > 100 Ah															
MULTICHARGE STATION				8 > 250 Ah					8 > 250 Ah													

**STARTUP****START / NEOSTART**

STARTERS & CHARGERS AUTOMATIC W2

SSM SELF START MEMORY

**12 V**

STARTUP 80

17 A

SSM

024922
025127

STARTERS & CHARGERS TRADITIONAL W

SSM SELF START MEMORY

**12 V****12/24 V**

START 200

18 A

SSM

1.5 m - 6 mm² → 60 A
025530

START 300

23 A

SSM

2 m - 10 mm² → 220 A
025547

NEOSTART 320

9 / 40 A

SSM

2 m - 10 mm² → 220 A
025301**12/24 V**

NEOSTART 420

40 A

SSM

1.8 m - 10 mm² → 500 A
025295
025479

NEOSTART 620

60 A

SSM

1.8 m - 16 mm² → 500 A
025288
025486DESIGN
GYS FRANCEMADE IN
GYS CHINA

46

Model	Voltage	I ₁	CHARGE						START			Fuse	LxWxH cm / kg	LxWxH cm / kg			
			50/60 Hz	CHARGE kW	START kW	Reg	RMS / Efficace	Average / Moyen (EN 60335)	Boost	Automatic	Manual				min - max	1V/C	0V/C
START UP 80	230V	13 A	12V	0,35	1	2	13,5-25 A	9 A	17 A	•	—	40 - 170 Ah	50 A	80 A	—	17 x 11,5 x 31 / 4	19 x 12 x 32 / 4,2
START 200	230V	13 A	12V	0,39	1,4	3	15-25 A	11 A	18 A	—	•	53 - 240 Ah	80 A	120 A	—	35 x 24 x 15 / 7,6	37 x 27 x 18 / 8
START 300	230V	13 A	12V 24V	0,8 1,2	3,6 3,6	3	13-36 A	10 A 8 A	23 A 17 A	—	•	42 - 300 Ah 38 - 224 Ah	100 A 165 A	—	80 A	36 x 27 x 20 / 12,4	40 x 35 x 23,5 / 13,7
NEOSTART 320	230V	13 A	12/24V	0,8	6,5	3	40 A	10 A 9 A	40 A 30 A	—	•	20 - 700 Ah	160 A 270 A	—	150 A	41 x 30 x 21 / 13	41 x 35 x 24 / 14,7
NEOSTART 420	230V	16 A	12/24V	1,7	9	3	70 A	20 A	40 A	—	•	20 - 1000 Ah	250 A 420 A	—	200 A	48 x 30 x 23 / 18	52 x 34 x 31 / 21
NEOSTART 620	230V	16 A	12/24V	2	10	3	90 A	30 A	60 A	—	•	20 - 1350 Ah	330 A 620 A	—	200 A	31,5 x 23 x 44,5 / 23,7	21 x 33,5 x 26,5 / 24

RECOMMENDATION

	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
START UP 80									35 > 50 Ah							
START 200									35 > 40 Ah	40 - 80 Ah						
START 300									35 - 50 Ah	50 - 100 Ah						
NEOSTART 320										35 - 60 Ah	60 - 120 Ah					
NEOSTART 420											Precharge (± 10 min)	35 - 80 Ah	80 - 160 Ah			
NEOSTART 620												45 - 100 Ah	100 - 200 Ah			

STARTERS & CHARGERS
AUTOMATIC



3 in 1

- AUTOMATIC CHARGE**
= BATTERY
- AUTOMATIC START**
- TEST ALTERNATOR**

TIMER

- UNIVERSAL MODE** **AUTO SELECTION**
- SULFATED BATTERIES**
- ALL BATTERIES**
- GO >1V**

- FULL PROTECTION**
- On-board electronics
 - Over voltage
 - No sparks



STARTERS & CHARGERS
AUTOMATIC & BSU



BATTERY SUPPORT UNIT

BSU Battery Support Unit

POWER SUPPLY
DIAG+ 60A
Voltage adjustable 12V · 15V

BATTERY EXPERT



NEW DESIGN



NEW DESIGN



NEW DESIGN



NATO OTAN Compatibility p.61 **NEW DESIGN**



12V



12/24V

STARTIUM 330E

25 A

1,9 m - 10 mm² → 500 A

026469

STARTIUM 480E

40 A

1,9 m - 16 mm² → 600 A

026483

☎ : 025578

STARTIUM 680E

45 A

2,2 m - 25 mm² → 600 A

026490

☎ : 025585

STARTIUM 980E

50 A

2,5 m - 35 mm² → 600 A

026506



Disconnectable

DIAG STARTIUM 60-12

60 A

2,2 m - 25 mm² → 600 A

026513

DIAG STARTIUM 60-24

60 A

2,2 m - 25 mm² → 600 A

026520

☎ : 025592

MADE IN FRANCE	I ₁	CHARGE	START		BSU	FUSE	LxWxH cm / kg	LxWxH cm / kg	CCA I (EN) START							
			1V/Cell	OV/Cell						AUTO START	BOOST					
STARTIUM 330E	230V	16 A	0,8	6,5	40 A	25 A	4	—	•	12V : 165 A	270 A	—	100 A	26 x 26 x 47 / 15,5	28 x 28 x 47 / 16	500 A
										24V : 130 A	210 A					
STARTIUM 480E	230V	16 A	1,7	9	65 A	30 A	4	40 A	•	12V : 280 A	390 A	—	200 A	34 x 30 x 64 / 20,5	64 x 37 x 31 / 29	750 A
										24V : 210 A	290 A					
STARTIUM 680E	230V	16 A	2	10	75 A	30 A	4	45 A	•	12V : 380 A	550 A	—	250 A	34 x 30 x 64 / 25,5	65 x 37 x 31 / 31	900 A
										24V : 270 A	380 A					
STARTIUM 980E	230V	16 A	2	12	80 A	40 A	4	50 A	•	12V : 500 A	720 A	—	250 A	34 x 30 x 80 / 30	65 x 37 x 32 / 36	1400 A
										24V : 400 A	560 A					
DIAG STARTIUM 60-12	230V	16 A	2	10	95 A	60 A	4	—	•	12V : 310 A	440 A	•	200 A	35 x 35 x 72 / 30,5	80 x 37 x 35 / 36	900 A
										6V : —	—					
DIAG STARTIUM 60-24	230V	16 A	2	10	65 A	40 A	4	—	•	6V : —	—	•	200 A	35 x 35 x 72 / 30,5	80 x 37 x 35 / 36	900 A
										12V : 200 A	900 A					
										24V : 300 A	430 A					

Fuse x2

- 100 A Startium 330E 054394
- 200 A Startium 480E, 680E, Diag. 60-12, 60-24 054547
- 250 A Startium 980E 055568

RECOMMENDATION	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
STARTIUM 330E													40 · 80 Ah	80 · 120 Ah		
STARTIUM 480E													40 · 120 Ah	120 · 160 Ah		
STARTIUM 680E													50 · 180 Ah	180 · 200 Ah		
STARTIUM 980E													50 · 240 Ah			
DIAG STARTIUM 60-12													50 · 180 Ah	180 · 200 Ah		
DIAG STARTIUM 60-24													50 · 180 Ah	180 · 200 Ah		



BOOSTERS

6 - 12 - 24 V

Pb inside

GYSPACK	52
STARTPACK	56
ENERGVSTATION	59

LITHIUM inside

NOMAD POWER	62
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SUPER CAPACITOR inside

STARTRONIC	64
GYSCAP	65

MEMORY SAVER

GYSPACK OBD / NOMAD OBD	66
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GYSPACK

BOOSTERS Pb / LEAD

INSIDE



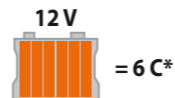
COMPRESSOR



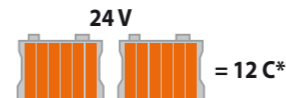
Air Kit included
4 bars



POWER SUPPLY
12V DC



*C = cells, cellules



*C = cells, cellules

HERITAGE 6/12 V



53

GYSPACK

BOOSTERS • Pb INSIDE



12 V 18 Ah INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 400

1 250 A 480 A 1V/Cell



0.6 m - 16 mm² → 300 A
025455
025516

GYSPACK AIR

1 250 A 480 A 1V/Cell



1.1 m - 25 mm² → 500 A
026322

12 V 22 Ah INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 600

1 750 A 550 A 1V/Cell



0.6 m - 16 mm² → 300 A
027336
027497

GYSPACK PRO

1 750 A 600 A 1V/Cell



1.1 m - 25 mm² → 500 A
026155
025523

6 / 12 V 20 Ah + 20 Ah INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK HERITAGE 6/12

6V 3 200 A 400 A 1V/Cell
12V 1 600 A 450 A 1V/Cell

1.8 m - 25 mm² → 600 A
025844



OPTION

MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202

Fuse 7,5 A

CHARGER
Power in 110-240 V / out 12 V
50/60 Hz
054677
054660



WU

FV FLEXIBLE VOLTAGE
85 V 265 V

CHARGER
Power in 110-240 V / out 12 V
50/60 Hz
054684
054691



INCLUDED GYSPACK Heritage

INCLUDED GYSPACK 400 / AIR / 600 / PRO



Après chaque utilisation
After each use
Nach jeder Anwendung

DESIGN
GYS FRANCE
MADE IN
GYS CHINA

	Inside	START	1V/Cell	0 V/Cell	Peak Battery	ON/OFF	Fuse	Power Supply	EXTERNAL Charge 230V	TEST OK	LxWxH cm / kg	LxWxH cm / kg
GYSPACK 400	12V-18 Ah	12V	480 A	900 A	1250 A	—	—	12V DC/0,5A	12V DC/1,2A	•	26 x 13 x 29,5 / 6,4	28,5 x 16 x 34 / 7,2
GYSPACK AIR	12V-18 Ah	12V	480 A	900 A	1250 A	•	•	12V DC/0,5A	12V DC/1,2A	•	33 x 17 x 37 / 8,5	38,5 x 22 x 44 / 9,4
GYSPACK 600	12V-22 Ah	12V	550 A	1050 A	1750 A	—	—	12V DC	12V DC/1,2A	•	25,5 x 14 x 29,5 / 7,5	29,5 x 16 x 35,5 / 8,2
GYSPACK PRO	12V-22 Ah	12V	600 A	1100 A	1750 A	•	•	12V DC	12V DC/1,2A	•	35 x 14 x 37 / 9	39 x 17 x 45 / 9,5
GYSPACK HERITAGE 6/12	6V-2 x 20 Ah	6V 12V	400 A 450 A	800 A 850 A	3200 A 1600 A	•	•	12V DC	12V DC/2A	•	36 x 11 x 45 / 13	39 x 22 x 51 / 14

RECOMMENDATION

	6V	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
GYSPACK AUTO / 400	•	•	•													
GYSPACK AIR	•	•	•													
GYSPACK 600	•	•	•													
GYSPACK PRO	•	•	•													
GYSPACK HERITAGE	•	•	•													



GYSPACK

BOOSTERS Pb/LEAD INSIDE

 POWER SUPPLY
12V DC

FOR GYSPACK 660/750/800/700/900

Fuse x2 200 A 054547 300 A 054561



OPTION MEMORY AUTO SAVE
CABLE OBD 1,5 m 054202



Fuse 7,5A



SPIRAL TECHNOLOGY



SPIRAL TECHNOLOGY

New handle design



TPPL TECHNOLOGY
Thin Plate
Pure Lead

PREMIUM QUALITY BATTERIES



12 V **28 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 660

1 900 A 640 A 1V/Cell

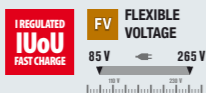
1.3 m - 25 mm² 600 A

027862 027879



INCLUDED GYSPACK 660

CHARGER Power in 100-240 V/out 12 V 50/60 Hz 027992



12 V **28 Ah** SPIRAL INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK 750

2 500 A 750 A 1V/Cell

1.3 m - 25 mm² 600 A

026179 026353



INCLUDED GYSPACK 750

CHARGER Power in 110-240 V/out 12 V 50/60 Hz 054684



12 V **28 Ah** SPIRAL INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 800

2 500 A 700 A 1V/Cell

1.8 m - 25 mm² 600 A

068759 072107

INCLUDED GYSPACK PRO 800

CHARGER Power in 110-240 V/out 12 V 50/60 Hz 054684



12 V **16 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 700

1 800 A 640 A 1V/Cell

1.4 m - 25 mm² 600 A

027077

1 096 701



INTEGRATED CHARGER

7 STEP

12 V **30 Ah** INSIDE HOBBIES OCCASIONAL PRO INTENSIVE

GYSPACK PRO 900

3 100 A 830 A 1V/Cell

1.8 m - 35 mm² 600 A

027084 027954

1 096 701



INTEGRATED CHARGER

7 STEP



After each use
Après chaque utilisation
Nach jeder Anwendung

DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

	START	START			CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		Fuse	Fuse	LxWxH cm	LxWxH cm / kg
		1 V/Cell	0 V/Cell	Peak Battery			ON	OFF	Memory	Memory				
GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	110-240V	12V/2 A DC	•	•	⌚ 12V DC	—	1 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5
GYSPACK 750	28 Ah	12V	750 A	1450 A	2500 A	110-240V	12V/2 A DC	•	•	⌚ 12V DC	—	2 × 200 A	35 x 19 x 40	39 x 23 x 45 / 13.5
GYSPACK PRO 800	28 Ah	12V	700 A	1320 A	2500 A	110-240V	12V/2 A DC	•	•	⌚ 12V DC	10 A	2 × 200 A	31 x 19 x 35	32 x 23 x 37 / 18.4
GYSPACK PRO 700	16 Ah	12V	640 A	1200 A	1800 A	220-240V	—	•	•	⌚ 12V DC	10 A	1 × 200 A	33 x 15 x 32	35 x 24 x 36 / 12
GYSPACK PRO 900	30 Ah	12V	830 A	1700 A	3100 A	220-240V	—	•	•	⌚ 12V DC	10 A	1 × 300 A	33 x 15 x 32	35 x 24 x 36 / 16

RECOMMENDATION	5 Ah 10 Ah 15 Ah 20 Ah 40 Ah 80 Ah 90 Ah 110 Ah 120 Ah 180 Ah 240 Ah 300 Ah + Ah																				
	6V	12V	24V																		
GYSPACK 660	•																				
GYSPACK 750																					
GYSPACK PRO 800																					
GYSPACK PRO 700																					
GYSPACK PRO 900																					



55

GYSPACK

BOOSTERS • Pb/LEAD INSIDE

BOOSTERS Pb/LEAD

INSIDE
POWER SUPPLY
12V DC



12/24 V **22Ah + 22Ah** INSIDE OCCASIONAL HOBBIES PRO INTENSIVE

STARTPACK TRUCK

12V	3 200 A	750 A 1V/Cell
24V	1 600 A	650 A 1V/Cell



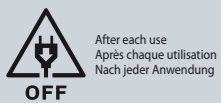
1.8 m - 25 mm² 600 A 025448
026339

STARTPACK TRUCK MOBILE

12V	3 200 A	750 A 1V/Cell
24V	1 600 A	650 A 1V/Cell

1.8 m - 25 mm² 600 A 026025
028807

INCLUDED STARTPACK TRUCK & TRUCK MOBILE



CHARGER
Power in 110-240 V/out 12 V
50/60 Hz
054684
054691



OPTION
MEMORY AUTO SAVE
CABLE OBD 1,5 m
054202
Fuse 7,5 A



DESIGN GYS FRANCE

MADE IN GYS CHINA

MADE IN FRANCE

Model	Inside	START			TEST OK	50 / 60 Hz	CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		LxWxH cm	LxWxH cm / kg		
		1V/Cell	0V/Cell	Peak Battery					ON OFF	Memory	Fuse	Fuse				
STARTPACK TRUCK / TRUCK MOBILE	2x 22Ah	12V	750 A	1450 A	3200 A	•	110-240 V	—	12V/2A DC	•	•	12V DC	—	1x300 A	37 x 20 x 46	39 x 22 x 50 / 18
		24V	650 A	1300 A	1600 A											
STARTPACK 12.24 CI	2x 16Ah	12V	900 A	1700 A	3600 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	26 x 20 x 48	34 x 20 x 51 / 19
		24V	700 A	1350 A	1800 A											
STARTPACK PRO 12.24 CI	2x 30Ah	12V	1300 A	2400 A	6200 A	—	220-240 V	4 A	—	•	•	—	—	1x300 A	14 x 35 x 56	63 x 39 x 30 / 34
		24V	1200 A	2250 A	3100 A											



EnerSys
TPPL TECHNOLOGY
Thin Plate Pure Lead
PREMIUM QUALITY BATTERIES



12/24 V **16Ah + 16Ah** INSIDE OCCASIONAL HOBBIES PRO INTENSIVE

STARTPACK 12.24 CI

12V	3600 A	900 A 1V/Cell	24V ★	1 800 A	700 A 1V/Cell
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1.8 m - 35 mm² 600 A 024991
068155

STARTPACK PRO 12.24 CI

12V	6200 A	1300 A 1V/Cell	24V ★★★	3100 A	1200 A 1V/Cell
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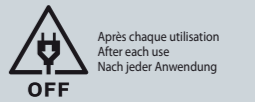
2 m - 50 mm² 600 A 028920
068162

INCLUDED STARTPACK 12.24 & PRO 12.24

Fuse x2
200 A 054547
300 A 054561



INTEGRATED CHARGER
7 STEP



RECOMMENDATION	6V													12V													24V																																																																																										
	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah																																																																														
STARTPACK TRUCK																																																																																																																					
STARTPACK TRUCK MOBILE																																																																																																																					
STARTPACK 12.24 CI																																																																																																																					
STARTPACK PRO 12.24 CI																																																																																																																					



STARTPACK

BOOSTERS Pb/LEAD

INSIDE



SMART STARTER MANAGEMENT SYSTEM

- FULL PROTECTION**
 - On-board electronics
 - Reverse polarity
 - Over voltage
 - No sparks
- AUTO DETECT**
 - Battery voltage detection
 - Microprocessor Control
 - TIMER Adjustable



INCLUDED GYSFLASH XL 6.12 1.9m

7 STEP

6 A - Advanced technology 8 step smart charge

12/24 V **50Ah SPIRAL** + **50Ah SPIRAL** **INSIDE** HOBBIES OCCASIONAL **PRO +++ INTENSIVE**

STARTPACK PRO 12.24 XL

12V	8 500 A	1600 A 1V/Cell	24V ★★★★	4 250 A	1400 A 1V/Cell
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2 m - 70 mm² 1000 A 026711

OPTION

STANDARD CABLES 1000 A - 70 mm² - 4 m 026827

NATO CABLES 3 m - 50 mm² 072589

NATO CONNECTOR 026780

NATO ID / NCAGE : F8154 CG730

Model	Inside	START			CHARGE		CHARGER	Protection			LxWxH cm	LxWxH cm / kg				
		1V/Cell	0 V/Cell	Peak Battery	min	max		ON/OFF	Fuse							
STARTPACK PRO 12.24 XL	2x 50 Ah	12 V	1 600 A	3 000 A	8 500 A	24 V	1 400 A	2 600 A	4 250 A	6 A outside	automatic	•	300 A	2 m ø 70 mm ²	106 x 32 x 35	112 x 35 x 43 / 68
ENERGY STATION FP		according to battery / selon batteries / je nach Batterie (Pb only)			12/24 V	100 > 375 Ah (x2)	30 A inside	•	300 A	manual	•	•	300 A	2,5 m ø 50 mm ²	70 x 65 x 91	80 x 53 x 28 / 29

ENERGY STATION

Integrated charger

Autonomous booster

Start 12V engines with 2 x 12V batteries

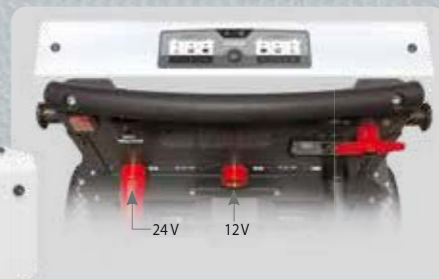
Charge external batteries 12V only

Recommended ENERGY STATION FP : 2 x 120 · 170Ah

Batteries not provided - Batteries non fournies - Ohne Batterie geliefert

Add additional power with a 3rd battery

Parallel connection not included
Connexion parallèle non incluse
Parallelschaltung nicht enthalten



- FULL PROTECTION**
- On-board electronics
 - Over voltage
 - No sparks
 - Reverse polarity

12/24 V HOBBIES OCCASIONAL **PRO INTENSIVE +++**

ENERGY STATION FP 069589

INTEGRATED CHARGER **6 STEP**

RECOMMENDATION

Model	12V	24V	5 Ah	10 Ah	15 Ah	20 Ah	40 Ah	80 Ah	90 Ah	110 Ah	120 Ah	180 Ah	240 Ah	300 Ah	+ Ah
STARTPACK PRO 12.24 XL	•	•													
ENERGY STATION FP	-	-													



SELECT THE RIGHT BOOSTER

CHOISISSEZ VOTRE BOOSTER • WÄHLEN SIE IHREN BOOSTER AUS

		12 V									12-24 V					
		12 V									STARTPACK TRUCK/ TRUCK MOBILE	STARTPACK 12.24 CI	STARTPACK PRO 12.24 CI	STARTPACK PRO 12.24 XL	ENERGY STATION FP	
		GYSPACK HERITAGE	GYSPACK 400	GYSPACK AIR	GYSPACK 600	GYSPACK PRO	GYSPACK 660	GYSPACK PRO 700	GYSPACK 750	GYSPACK PRO 800	GYSPACK PRO 900	025448 / 026025	024991	028920	026711	069589
6/12V		025844	025455	026322	027336	026155	027862	027077	026179	068759	027084					
6 V		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V
12 V		12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V	12 V
START	1V/Cell	400 (6 V)	480 A	480 A	550 A	600 A	640 A	640 A	750 A	700 A	830 A	750 (12 V)	900 A (12 V)	1300 A (12 V)	1600 A (12 V)	/
	0V/Cell	450 (12 V)										650 (24 V)	700 A (24 V)	1200 A (24 V)	1400 A (24 V)	
	800 (6 V)											1450 A (12 V)	1700 A (12 V)	2400 A (12 V)	3000 A (12 V)	
	850 (12 V)											1300 A (24 V)	1350 A (24 V)	2250 A (24 V)	2600 A (24 V)	
	PEAK BATTERY	3200 (6 V)	1250 A	1250 A	1750 A	1750 A	1900 A	1800 A	2500 A	2500 A	3100 A	3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)	
1600 (12 V)	18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah EnerSys	28 Ah	28 Ah	30 Ah EnerSys		2 x 22 Ah	2 x 16 Ah EnerSys	2 x 30 Ah EnerSys	2 x 50 Ah EXIDE TECHNOLOGIES		
SPIRAL TECHNOLOGY																
ON/OFF																automatic
TEST OK																
EXTERNAL 2 A	external	external	external	external	external	external	internal	external	external	external	external	external	internal	internal	external	internal
IUoU	WU	WU	WU	WU	IUoU	7 step	IUoU	IUoU	IUoU	7 step	IUoU	7 step	7 step	7 step	6 step	
12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC	12 V DC					
1,8 m ø25 mm²	0,6 m ø16 mm²	1,1 m ø25 mm²	0,6 m ø16 mm²	1,1 m ø25 mm²	1,3 m ø25 mm²	1,4 m ø25 mm²	1,3 m ø25 mm²	1,8 m ø25 mm²	1,8 m ø35 mm²		1,8 m ø25 mm²	1,8 m ø35 mm²	2 m ø50 mm²	2 m ø70 mm²	2,5 m ø50 mm²	
37×20×46	26×10×29	33×17×37	26×10×29	35×14×37	35×19×40	33×15×32	35×19×40	31×19×35	33×15×32		37×20×46/37×20×57	34×18×46	63×39×30	112×35×43	70×65×91	
18 kg	6,5 kg	8,5 kg	6,5 kg	9 kg	13,5 kg	12 kg	13,5 kg	18,4 kg	16 kg		18/21 kg	22 kg	34 kg	68 kg	29 kg +	

★ **MINI PRO**

★★ **PRO**

★★★★★ **UNIVERSAL PRO**

ATTENTION HORS UTILISATION
Laisser le chargeur branché en permanence.

ACHTUNG WENN NICHT IN GEBRAUCH
Ladegerät dauernd angeschlossen lassen.

ATTENTION CUANDO ESTA APAGADO
Dejar el cargador conectado permanentemente.

OPGELET BUITEN GEBRUIK
Laat de lader onafgebroken aangesloten.

OFF
After each use
Après chaque utilisation
Nach jeder Anwendung

CAUTION ON STAND BY
Keep your GYSPACK connected to the mains supply.

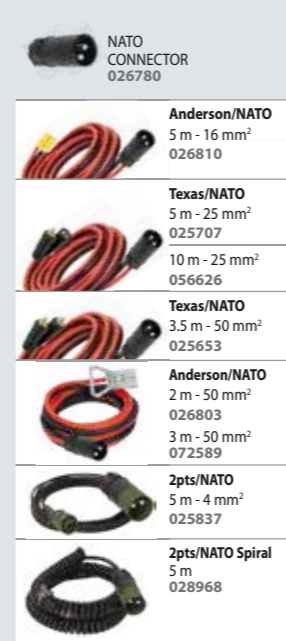


NATO / OTAN : COMPATIBLE PRODUCTS

- Produits compatibles - Kompatible Produkte



NATO ID / NCAGE : F8154 CG730



	GYSFLASH 30.12, 50.12 FV 100.12, 101.12 CNT 30.24, 50.24 102.12, 32-12PL	GYSFLASH 101.24 CNT FV 121.12 CNT FV	GYSFLASH 123.12 CNT FV 103.24 CNT FV 107.24 CNT FV	GYSFLASH 53.48 CNT FV	GYSFLASH 15.24 XTREM	STARTIUM 980E	STARTPACK PRO 12.24 XL
NATO CONNECTOR 026780							
Anderson/NATO 5 m - 16 mm² 026810	✓	—	—	✓	—	—	—
Texas/NATO 5 m - 25 mm² 025707	—	✓	✓	—	—	—	—
Texas/NATO 10 m - 25 mm² 056626	—	—	—	—	—	—	—
Texas/NATO 3.5 m - 50 mm² 025653	—	—	—	—	—	✓	—
Anderson/NATO 2 m - 50 mm² 026803	—	—	—	—	—	—	✓
Anderson/NATO 3 m - 50 mm² 072589	—	—	—	—	—	—	—
2pts/NATO 5 m - 4 mm² 025837	—	—	—	—	✓	—	—
2pts/NATO Spiral 5 m 028968	—	—	—	—	✓	—	—

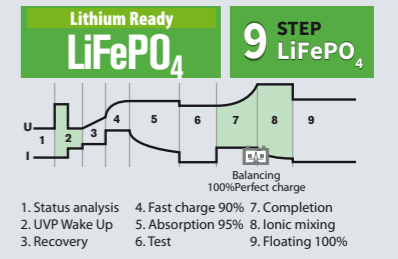
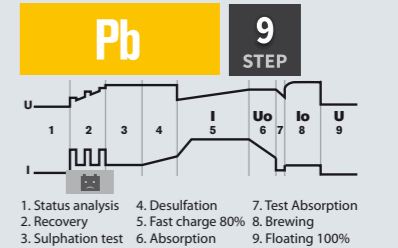


TRACTION BATTERIES : COMPATIBLE PRODUCTS

- Produits compatibles - Kompatible Produkte



	TYPE	6 h	7 h	8 h	9 h	10 h	11 h	12 h	13 h	14 h	CURRENT	
24 V	BATTERY 25.24 X	liquid	75 Ah	90 Ah	120 Ah	125 Ah	130 Ah	140 Ah	155 Ah	165 Ah	180 Ah	25 A
	GYSFLASH 30.24 HF	liquid	—	—	—	75 Ah	85 Ah	105 Ah	125 Ah	145 Ah	175 Ah	15 A
	GYSFLASH 50.24 HF	liquid	—	—	—	250 Ah	290 Ah	350 Ah	410 Ah	480 Ah	550 Ah	50 A
		gel	—	—	—	260 Ah	290 Ah	340 Ah	400 Ah	480 Ah	550 Ah	50 A
	GYSFLASH 51.12	liquid	130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
		gel	—	—	130 Ah	150 Ah	160 Ah	180 Ah	200 Ah	220 Ah	240 Ah	25 A
36 / 48 V	GYSFLASH 101.24	liquid	390 Ah	470 Ah	550 Ah	630 Ah	720 Ah	820 Ah	930 Ah	1050 Ah	1200 Ah	100 A
		gel	—	—	400 Ah	450 Ah	500 Ah	560 Ah	610 Ah	670 Ah	720 Ah	100 A
	GYSFLASH 103.24	liquid	490 Ah	580 Ah	680 Ah	790 Ah	900 Ah	1020 Ah	1160 Ah	1310 Ah	1500 Ah	100 A
	GYSFLASH 107.24	gel	—	—	500 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	100 A
	GYSFLASH 25.48	liquid	130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
		gel	—	—	130 Ah	150 Ah	160 Ah	180 Ah	200 Ah	220 Ah	240 Ah	25 A
36 / 48 V	GYSFLASH 51.48	liquid	260 Ah	310 Ah	360 Ah	420 Ah	480 Ah	540 Ah	610 Ah	690 Ah	790 Ah	50 A
	GYSFLASH 53.48	gel	—	—	260 Ah	300 Ah	330 Ah	370 Ah	400 Ah	440 Ah	470 Ah	50 A



100 A		Cables Anderson 175A/Texas 5 m - 25 mm² 025721
100 A		Cables REMA 160A/Texas 5 m - 25 mm² 025714
15 A		Cables REMA 160A/Anderson 5 m - 16 mm² 069091
50 A		Cables Anderson 175A/Anderson 5 m - 16 mm² 069107



BOOSTERS LITHIUM INSIDE

SPECIALIST HOBBY • Non professional use •
Utilisation non professionnelle • Nicht für gewerblichen
Gebrauch.



- ▶ START ENGINE
- + POWER BANK
 - 🎮 🎧 📱 🖥️
- + LIGHT



12V

NOMAD POWER 300 350 A

0,28 m - 5,2 mm² → AWG10
025875



ACCESSORIES
included for NOMAD POWER 300



NOMAD POWER 400 500 A

0,28 m - 5,2 mm² → AWG10
025882



ACCESSORIES
included for NOMAD POWER 400



NOMAD POWER 500 550 A

0,4 m - 8,3 mm² → AWG8
027145
📦: 069633



ACCESSORIES
included for NOMAD POWER 500



NOMAD POWER PRO 700 600 A

0,26 m - 8,3 mm² → AWG8
027510
📦: 028838



ACCESSORIES
included for NOMAD POWER PRO 700



SMART CABLE
MULTI SECURITIES

12 / 24 V

NOMAD POWER PRO TRUCK 600 A

0,55 m - 13,3 mm² → AWG6
027527
📦: 028845



ACCESSORIES
included for NOMAD POWER 500



12 V

NOMAD POWER PRO 12 XL 1000 A

0,8 m - 21 mm² → AWG4
025912



24 V

NOMAD POWER PRO 24 XL 1400 A

0,8 m - 21 mm² → AWG4
025905



ACCESSORIES
included for

NOMAD POWER PRO 12 XL
NOMAD POWER PRO 24 XL



Max capability (minimum charge needed)

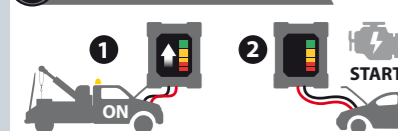
	LITHIUM		START		J (3s)	START PETROL & DIESEL	CABLE	ADDITIONAL SAFETY	INPUT	MICRO USB	OUTPUT	POWER BANK		cm	kg			
	CAPACITY/CELL	TYPE	FULL CHARGE	1V/Cell								0V/Cell	Peak Battery			Smartphone	Tablet	
NP 300	2.5 Ah - 37 Wh	LiCoO2	5 h	350 A	700 A	900 A	8000 J	12V	12V 5V-2.1A	•	5V/2A	—	5V/9V/12V - 5V/2A	•	2	—	14.6 × 7.8 × 3.1	0.365
NP 400	3 Ah - 45 Wh	LiCoO2	5 h	500 A	1000 A	1200 A	11000 J	12V	12V 5V-2.1A	•	5V/2A	—	5V/9V/12V - 5V/2A - 15V/5A	•	2	—	17.5 × 8.4 × 3.1	0.498
NP 500	5.25 Ah - 77.7 Wh	NMC	6 h	550 A	1300 A	1500 A	12000 J	12V	12V 5V-2A	•	5V/2A 9V/2A	—	5V/1A - 5V/2.1A	•	2	—	22.5 × 9.1 × 3.4	0.610
NP PRO 700	6 Ah - 92.5 Wh	NMC	9 h	600 A	1500 A	2000 A	14000 J	12V	—	•	9V/2A 12V/1.5A	5V/2A (Type C)	5V/2.4A - 9V/2A 12V/1.5A - 15V/10A	•	2	—	22.8 × 10 × 3.8	0.82
NP PRO TRUCK	5.3 Ah - 137 Wh	NMC	10 h	600 A	1500 A	2000 A	12V : 14000 J 24V : 35000J	12V/24V	—	•	9V/2A 12V/1.5A	5V/2A (Type C)	5V/1A - 5V/2.1A - 12V/10A	•	2	•	24.8 × 24.8 × 9.6	2.4
NP PRO 12XL	8 Ah - 118.4 Wh	NMC	5 h	1000 A	1800 A	3000 A	22000 J	12V	12V/15A 4A	—	18V/2A	—	5V/2.1A - 12V/3.5A 12V/10A - 19V/3.5A	•	2	•	27.4 × 27.8 × 11	5.6
NP PRO 24XL	8 Ah - 236.8 Wh	NMC	10 h	1400 A	2400 A	3000 A	60000 J	24V	12V/15A 4A	—	18V/2A	—	5V/2.1A - 12V/3.5A 12V/10A - 19V/3.5A	•	2	•	27.4 × 27.8 × 11	5.6

Recommendation	🏍️	🏎️	🏏️	🚗	🚙	🚘	🚚	🚛	🚝	🚞	🚚	🚛	🚝	🚞	🚚	🚛	🚝	🚞
NP 300	5 • 70 Ah																	
NP 400	5 • 90 Ah																	
NP 500	5 • 120 Ah																	
NP 700	5 • 140 Ah																	
NP PRO TRUCK	5 • 140 Ah																	
NP PRO 12XL	5 • 180 Ah																	
NP PRO 24XL	> 240 Ah																	

BOOSTERS SUPER CAPACITOR

BATTERYLESS - SANS BATTERIE
- OHNE BATTERIE

EASY TO USE



STARTRONIC 800 : 1 minute
STARTRONIC HYBRID 950 : 1 minute
STARTRONIC SUPERCAP 12 / 24 V : 3 minutes

DC/DC CONVERTER INSIDE (>5V)



800 : 4 minutes
HYBRID 950 : 4 minutes
SUPERCAP 12 / 24 V : 5 minutes



✓ SMART
✓ SAFE
✓ POWERFUL



- ➕ Output USB
- ➕ Light

- ✓ NO BATTERY INSIDE
- ✓ NO MAINTENANCE
- ✓ FAST TO USE
- ✓ BOOSTER SANS BATTERIE INTERNE
- ✓ AUCUNE MAINTENANCE
- ✓ RAPIDE D'UTILISATION
- ✓ KEINE INTERNE BATTERIE
- ✓ KEINE WARTUNG
- ✓ SCHNELL EINSETZBAR
- FULL PROTECTION
- 40/+65°C
- 1 MILLION CYCLES
- FAST CHARGE
- NO SULFATION DURING STORAGE
- UNLIMITED STARTS

NEW
08 2024



5x 800 F INSIDE
12V

STARTRONIC 800
800 A 12V GO > 5V
026735

5x 950 F + Lithium INSIDE
12V

STARTRONIC HYBRID 950
950 A 12V GO > 1V
026117

10x 900 F INSIDE
12V / 24V

STARTRONIC SUPERCAP 12 / 24V
1050 A 12V GO > 7V
880 A 24V
082816

EASY & CONVENIENT

3 charging modes

<p>1 INCLUDED</p> <p>CLAMPS on running vehicle for Fast charge</p> <p>GYSCAP 680E : 1 minute GYSCAP 24V : 1 minute</p>	<p>2 INCLUDED</p> <p>CIGARETTE LIGHTER for Easy charge</p> <p>GYSCAP 680E : 10 minutes GYSCAP 24V : 30 minutes</p>	<p>3 OPTION</p> <p>GYFLASH 4.12 p.6 029422 F5 / Cigarette lighter p.16 029439</p> <p>GYFLASH 4.12 for mains charge</p> <p>GYSCAP 680E : 1 hour (max) GYSCAP 24V : 1 hour (max)</p>
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12V
5x 3000 F INSIDE

GYSCAP 680E
1600 A 12V GO > 1V
026773
1.7 m - 25 mm² Cables 100% Cu
Homologations / Approvals / Zulassungen : PSA17.1716



24V
10x 3000 F INSIDE

GYSCAP 24V
2500 A 24V GO > 2V
028944
2 m - 50 mm² Cables 100% Cu

INCLUDED STARTRONIC 800 & HYBRID 950
CIGARETTE LIGHTER for Easy charge
027404

INCLUDED STARTRONIC HYBRID 950 Lithium battery
027411

MADE IN CHINA

MADE IN FRANCE

	START				Number of Capacitors	Integrated Inverter	INPUT CHARGE				Charging time				MICRO USB Type B	internal lithium battery	LIGHT	cm	kg
	1V/Cell	0V/Cell	Peak battery				12V		12V / 10A		5V/2A		Charging time						
				OFF			ON	OFF	ON	OFF	ON	OFF	ON	OFF					
STARTRONIC 800	800 A	1400 A	-	12V	5 x 800 F	•	4 min	60 s	4 min	4 min	5V/2A	40 min	-	-	26,7 x 19,5 x 5	1,86			
STARTRONIC HYBRID 950	950 A	1660 A	-	12V	5 x 950 F	•	4 min	60 s	4 min	4 min	5V/2A	40 min	30 min	•	25 x 18,5 x 6	1,86			
STARTRONIC SUPERCAP 12/24V	1050 A	1800 A	-	12V	10 x 900 F	•	5 min	3 min	-	-	-	-	-	-	34 x 43 x 20	7			
	880 A	1500 A	-	24V			2 min	2 min	-	-	-	-	-	-	-	35 x 44 x 19	8,2		
GYSCAP 680E	1600 A	2700 A	9000 A	12V	5 x 3000 F	•	-	1 min	10 min	10 min	-	-	-	-	35 x 44 x 19	8,2			
GYSCAP 24V	2500 A	4500 A	10000 A	24V	10 x 3000 F	•	-	1 min	30 min	30 min	-	-	-	-	32 x 49 x 21.5	12			

Recommendation	Moped	Motorcycle	ATV	Car	Van	Truck	Tractor	Excavator	Bus
STARTRONIC 800	5 < 90 Ah								
STARTRONIC HYBRID 950	5 < 100 Ah								
STARTRONIC SUPERCAP 12/24V	5 < 150 Ah								
GYSCAP 680 E	5 < 150 Ah								
GYSCAP 24V	225 Ah								

MEMORY SAVER

SAUVEGARDE MÉMOIRE • SICHERUNG DES SPEICHERS

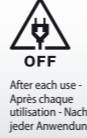
Traditional Pb battery INSIDE

GYSPACK OBD

054998
055001



INSIDE Pb 12V - 7 Ah	MEMORY SAVER OBD < 4 A	< 4 A	25 × 18 × 25 cm	3 kg
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After each use -
Après chaque utilisation - Nach jeder Anwendung

Lithium battery INSIDE

NOMAD OBD MEMORY SAVER **NEW** 10/2024

085480



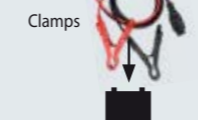
Ultra light & Compact



FULL PROTECTION



2 possibilities



INSIDE Li-ion 12VCC - 2 Ah	MEMORY SAVER OBD < 4 A	< 4 A	14.5 × 7.2 × 3.5 cm	515 g
--------------------------------------	----------------------------------	-----------------	---------------------	-------

Connected to booster

CABLE OBD

- Câble OBD - Kabel für OBD
054202



Fuse 7,5A
1,5 m



BATTERY TESTERS POWER INVERTERS PORTABLE ENERGY

TRADITIONAL TESTERS	68
CONNECTED TESTERS	68
DIGITAL TESTERS	68
TESTERS WITH PRINTERS	70
POWER INVERTERS	72
PORTABLE ENERGY	74

TESTERS TRADITIONAL



TBP 100
6/12 V 20 > 100 Ah
055131

TBP 500
12 V 10 > 160 Ah
055148

TESTERS CONNECTED



BT 001
12 V 7 > 230 Ah
056640

TESTERS DIGITAL



NBT 100
12 V 20 > 150 Ah
024151

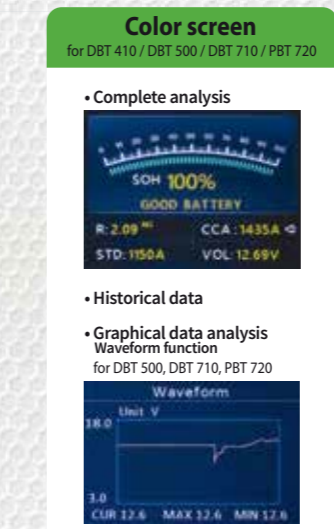
NBT 200
12 V 20 > 150 Ah
024168



DBT 300
12 V 4 > 150 Ah
ALTERNATOR 12 V
024175



DBT 350
12 V 7 > 240 Ah
ALTERNATOR 12 V
025868



DBT 410
6/12 V 7 > 240 Ah
ALTERNATOR 6/12 V
083233



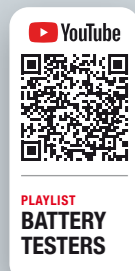
DBT 410
6/12 V 7 > 240 Ah
ALTERNATOR 6/12 V
083233



DBT 500
6/12 V 7 > 240 Ah
ALTERNATOR 6/12 V
079823



DBT 710
6/12 V 7 > 240 Ah
ALTERNATOR 6/12/24 V
083585



	BATTERY	TEST			DIGITAL	RESULT	TEMPERATURE COMPENSATION	kg	cm	L x W x H cm / kg									
		BATTERY A	BATTERY V	CHARGE & START SYSTEM VEHICLE															
MADE IN CHINA	TBP 100	6-12 V	20 > 100 Ah	• •	12V	—	—	1.5	16x1.8x30	30.7x17.2x10.3 / 1.5									
	TBP 500	12V	10 > 160 Ah	• •	12V	—	—	3.75	27x26x13	31x28.6x18.2 / 3.8									
	BTW 6V/12V	6-12 V	7 > 240 Ah	—	min 4.5V	12V	—	—	1s	instant	•	—	0.11	11x3x2	7.5x4.5x16.4 / 0.16				
MADE IN TAIWAN	BT 001	12V	7 > 230 Ah	—	•	12V	—	LED	1s	instant	—	—	0.29	3x12x1.5	24.2x11.8x2.4 / 0.29				
	NBT 100	12V	20 > 150 Ah	•	min 7V	—	—	•	1s	instant	—	—	0.25	7x1.5x12	5x18x25.8 / 0.3				
	NBT 200	12V	20 > 150 Ah	•	min 7V	12V	—	•	1s	instant	—	—	0.25	7x1.5x12	5x18x25.8 / 0.3				
	DBT 300	12V	4 > 150 Ah	•	min 4.5V	12V	—	—	0.25	12x7.9x22.7	5x18x25.8 / 0.3	back-lit / rétro-éclairé	1s	instant	—	—	0.25	12x7.9x22.7	5x18x25.8 / 0.3
MADE IN CHINA	DBT 350	12V	7 > 240 Ah	•	min 8V	12 V	—	—	0.8	9.6x3x13.8	6.5x10.5x21 / 0.35	back-lit / rétro-éclairé	1s	instant	•	—	0.8	9.6x3x13.8	6.5x10.5x21 / 0.35
	DBT 410	6-12 V	7 > 240 Ah	•	min 5V	6 / 12 V	—	—	0.24	8x1.8x13.4	4.2x8.5x15	color screen 2.4"	1s	instant	•	—	0.24	8x1.8x13.4	4.2x8.5x15
	DBT 500	6-12 V	7 > 240 Ah	•	min 5V	6 / 12 V	—	—	0.3	8x2x14	5x18.5x18.5 / 0.44	color screen 2.4"	1s	instant	•	—	0.3	8x2x14	5x18.5x18.5 / 0.44
	DBT 710	6-12 V	7 > 240 Ah	•	min 3V	12 / 24 V	—	—	0.9	10x3.5x20.5	10x18.4x25.3	color screen 3.2"	1s	instant	•	—	0.9	10x3.5x20.5	10x18.4x25.3

i	Battery/Batteries	TEST	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	CURRENT CCA SAE
TBP 100	6/12V	•	•	•	•	•	20 > 100 Ah
TBP 500	12V	•	•	•	•	•	10 > 160 Ah
BTW 6V/12V	6/12V	•	•	•	•	•	7 > 240 Ah
BT 001	12V	•	•	•	•	•	7 > 230 Ah
NBT 100	12V	•	•	•	•	•	20 > 150 Ah
NBT 200	12V	•	•	•	•	•	20 > 150 Ah
DBT 300	12V	•	•	•	•	•	4 > 150 Ah
DBT 350	12V	•	•	•	•	•	7 > 240 Ah
DBT 410	6/12V	•	•	•	•	•	7 > 240 Ah
DBT 500	6/12V	•	•	•	•	•	7 > 240 Ah
DBT 710	6/12V	•	•	•	•	•	7 > 240 Ah

Languages - Sprachen

	GB	FR	DE	IT	ES	PT	CZ	NL	PL	RU	TR	JP	KR
DBT 300	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 350	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 410	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DBT 710	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 600	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 700	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 812	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PBT 824	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BTW 6V/12V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



TESTERS TESTERS WITH PRINTERS



x6 Languages Sprachen



x5 Languages Sprachen



x10 Languages Sprachen



x12 Languages Sprachen



NEW 08 2024

x10 Languages Sprachen



x10 Languages Sprachen



Approvals Homologations Zulassungen

0.65 m

1.2 m

1.2 m

2.6 m

1.8 m

1.8 m

PRINTER • 12 V

PBT 550

12 V 30 > 220 Ah

START STOP ALTERNATOR 12 V

024199



x2 (included) 056633

PBT 600

12 V 30 > 220 Ah

START STOP ALTERNATOR 12/24 V

024205



x2 (included) 056633

PBT 700

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

024229



x1 (included) 056237

PBT 720

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 6/12/24 V

083240



x2 (included) 056633

PBT 812

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12 V

076686



x1 (included) 056237

PBT 824

6/12/24(2x12)V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V

025738



x1 (included) 056237

Part No.	Qty	W	H	D	Compatible Models
056220	x2	37 mm	7.5 mm	25 mm	BT 301 / BT 501 / BT 551
056237	x1	57 mm	28 mm	50 mm	RT 777 / PBT 700 / PBT 812 / PBT 824
056633	x2	57 mm	7.5 mm	25 mm	PBT 550 / PBT 600 / PBT 700 / PBT 720 / PBT 812 / PBT 824 / SPM



Included for PBT 812 / PBT 824

4 wire connector = more precision
connecteur 4 fils = plus de précision

1.3 m

0.5 m *detachable

M/F plug

Clamps 056510

MADE IN CHINA

MADE IN CHINA

Model	Voltage	Capacity	TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	Weight	Dimensions	L x W x H cm / kg	
			A	V								
PBT 550	12V	30 > 220 Ah	min 6V	12V	•	back-lit/rétro-éclairé	1s	instant	•	0.55	55 x 25	29 x 23 x 9 / 0.9
PBT 600	12V	30 > 220 Ah	min 8V	12/24V	•	back-lit/rétro-éclairé	1s	instant	•	1.1	55 x 25	29 x 23 x 9.5 / 1.3
PBT 700	12V	7 > 240 Ah	min 8V	12/24V	•	back-lit/rétro-éclairé	1s	instant	•	0.7	23.5 x 10.2 x 6.8	40.5 x 28 x 9 / 1.9
PBT 720	6-12V	7 > 240 Ah	min 3V	6/12/24V	•	colour screen 3.2"	1s	instant	•	0.9	26 x 10.5 x 5	27.2 x 36.4 x 9.3 / 2
PBT 812	6-12V	7 > 240 Ah	min 1.5V	12V	•	colour TFT display 2.8"	1s	instant	•	0.7	28 x 14 x 7.5	34 x 47 x 11.5 / 3.1
PBT 824	6-12-24 (2x12)V	7 > 240 Ah	min 1.5V	12/24V	•	back-lit 4 colours / rétro-éclairé	1s	instant	•	0.7	25 x 4.5 x 13	40 x 28 x 9 / 2.3



Recommendation

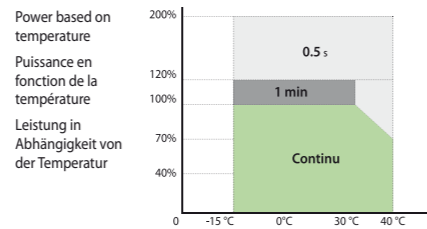
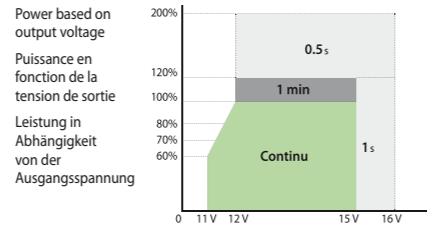
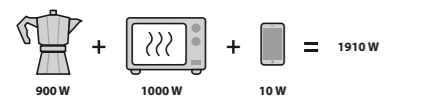
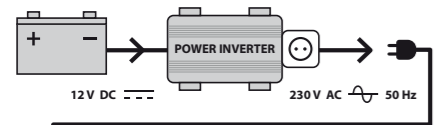
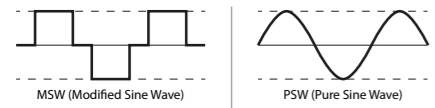
Model	TEST		PRINT PAPER	LIQUID	START /STOP ENGINE	EFB	AGM VRLA/GEL	Truck	Van	Car	Motorcycle	Current CCA SAE
	Battery/Batteries/Ladegeräte	Alternator Circuit/Circuit alternateur/Lichtmaschinenkreis										
PBT 550	12V	Truck	12V	•	•	•	•					30 > 220 Ah
PBT 600	12V	Truck	12-24V	•	•	•	•					100 > 2000 A
PBT 700	12V	Truck	12-24V	•	•	•	•	7 > 240 Ah				7 > 240 Ah
PBT 720	6V 12V	Truck	6-12-24V	•	•	•	•					7 > 240 Ah
PBT 812	6V 12V	Truck	12V	•	•	•	•					7 > 240 Ah
PBT 824	6V 12V 24V (2x12)	Truck	12-24V	•	•	•	•					7 > 240 Ah

POWER INVERTERS

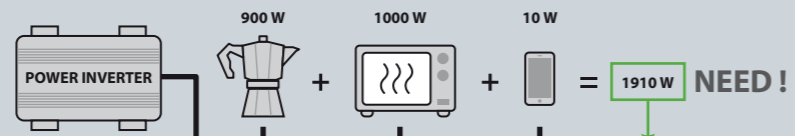
12/24 V DC > 230 V AC



MSW / PSW TECHNOLOGY



- Under-voltage / Over-voltage / Overload / Overheating / Output short-circuit
- Tension faible / Surtension / Surcharge / Surchauffe / Court-circuit
- Unterspannung / Überspannung / Überlastung / Überhitzung / Kurzschluss am Ausgang



SELECT THE RIGHT POWER INVERTER
• CHOISISSEZ VOTRE CONVERTISSEUR
• WÄHLEN SIE IHREN WECHSELRICHTER

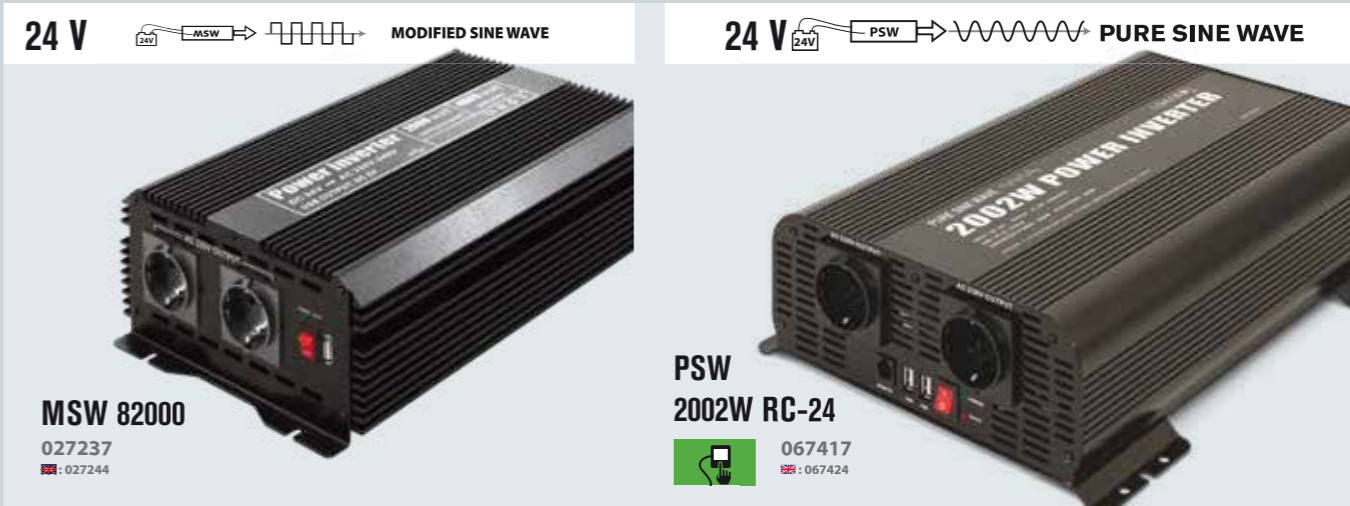
CONVERGYS 150	CONVERGYS 300	PSW 601W RC-12	PSW 1002W RC-12	PSW 1502W RC-12	PSW 2002W RC-12	PSW 2002W RC-24	MSW 82000	
12 V							24 V	
							70 Ah	200 Ah

HOME APPLIANCE - ÉLECTROMÉNAGER			
Microwave - Micro-Ondes - Mikrowelle	700 - 1000 W	30 - 50 min	1 h 30 - 2 h
Toaster - Grille Pain	800 - 1500 W	20 - 40 min	1 h - 2 h
Fridge - Réfrigérateur - Kühlschrank (40 L)	45 W	12 h	35 h
Kettle - Bouilloire - Wasserkocher	700 - 2500 W	15 - 45 min	35 min - 2 h
Espresso coffee maker - Cafetière espresso - Espresso-Maschine	1000 - 1600 W	20 - 30 min	1 h - 1 h 30
Drip coffee maker - Cafetière filtre - Filterkaffee-Maschine	800 - 1200 W	25 - 40 min	1 h 30 - 2 h
ELECTRONIC - ÉLECTRONIQUE			
Mobile phone - Téléphone - Telefon	5 - 10 W	55 - 110 h	155 - 310 h
Laptop - Ordinateur portable	60 - 95 W	5 - 9 h	16 - 28 h
Radio	10 - 40 W	14 - 55 h	40 - 155 h
TV 15"	40 W	13 h 30	39 h
TV 21"	50 W	11 h	31 h
Video game console - Console de jeux vidéo - Konsole für Videospiele	39 - 100 W	5 - 13 h	16 - 39 h
Camera - Appareil photo - Fotoapparat	4 - 19 W	25 - 135 h	78 - 390 h
COMFORT - CONFORT			
Light - Eclairage - Beleuchtung	100 W	5 h 30	16 h
Electrical heater - Chauffage électrique - Elektrische Heizung	1800 - 2500 W	12 - 20 min	35 - 45 min
Fan - Ventilateur - Lüfter	50 W	11 h	31 h
Hairdryer - Séche cheveux - Fön	1000 - 2000 W	15 - 30 min	45 min - 1h 30
SAILING - NAUTISME			
Navigation lights - Feux de navigation - Navigationslichter	24 W	30 h	80 h
Radar	24 W	30 h	80 h
Autopilot mode - Pilote automatique	60 W	9 h	30 h
GPS/Sat nav. - GPS	6 W	110 h	310 h

* Usage duration (h) = $\frac{80\% \times \text{Capacity (Ah)} \times \text{Optimum Efficiency (\%)} \times \text{Input DC (V)}}{\text{Power (W)}}$

MADE IN CHINA	Power	Peak power	Pure Sin Wave	Optimum Efficiency	Input DC	Output AC	Output USB (2.1) DC	max 150W	Universal	cm	kg	cm	L x W x H cm / kg
CONVERGYS 150	150W	300W	—	90,5%	12V	230V	5V - 2A	•	—	1.5 mm ²	•	—	0,5 kg / N/A / 8 x 16.5 x 24.7 / 0.45
CONVERGYS 300	300W	600W	—	85%	12V	230V	5V - 2A	•	•	2.5 mm ²	•	—	0,95 kg / N/A / 21.3 x 20 x 6.8 / 0.95
PSW 601W RC-12	600W	1200W	•	90%	12V	230V	5V - 2A	—	•	cables 6 mm ²	•	5m	2,2 kg / 26.5 x 17 x 7.5 / 31 x 22 x 12 / 2.3
PSW 1002W RC-12	1000W	2000W	•	90%	12V	230V	5V - 2A	—	•	cables 10 mm ²	•	5m	4,7 kg / 37.5 x 21 x 10 / 44 x 27 x 16 / 4.5
PSW 1502W RC-12	1500W	3000W	•	90%	12V	230V	5V - 2A	—	•	cables 16 mm ²	•	5m	5 kg / 37.5 x 21 x 10 / 44 x 27 x 16 / 4.6
PSW 2002W RC-12	2000W	4000W	•	90%	12V	230V	5V - 2A	—	•	cables 22 mm ²	•	5m	6,25 kg / 38.5 x 25 x 10 / 43 x 32 x 16.5 / 5.7
MSW 82000	2000W	4000W	—	80%	24V	230V	5V - 2A	—	•	cables 12 mm ²	•	—	5,8 kg / 35 x 20 x 28 / 45.3 x 26.8 x 16.1 / 4.9
PSW 2002W RC-24	2000W	4000W	•	90%	24V	230V	5V - 2A	—	•	cables 12 mm ²	•	5m	6,25 kg / 38.5 x 25 x 10 / 43 x 32 x 16.5 / 5.7

PSW REMOTE CONTROL



PORTABLE ENERGY

DC/AC

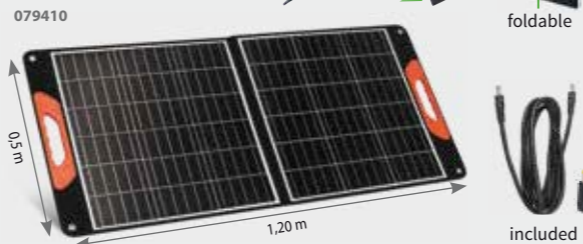
FULL PROTECTION

Short-circuit protection,
Over-current protection,
Over-voltage protection,
Under-voltage protection,
Over-load protection,
Temperature protection

MPPT integrated
Solar panel compatibility

OPTIONS

Solar panel for Power pack 520, 1300, 14.22, Energys DC/DC
monocrystalline - ETFE quality
18V - 100 W max
OUTPUT
USB 1 : 5V/3A
USB 2 : 5V/3A ; 9V/2A ; 12V/1.5A
Type C : 5V/3A ; 9V/2A ; 12V/1.5A
Jack : 18V/5.6A max



3 MODES
Light / S.O.S. / Flash



5 MODES
Light (Low, Medium, High) / S.O.S. / Flash



5 MODES
Light (Low, Medium, High) / S.O.S. / Flash



FAST CHARGE
100% in 60min

POWER PACK 520
518 Wh 20 Ah

027961

POWER PACK 1300
1280 Wh 50 Ah

071988

POWER PACK 14.22
1408 Wh 55 Ah

085206

POWER PACK 14.15 FC
1408 Wh 55 Ah

085169



	LITHIUM		BOOSTER		Nb cycles	INPUT	RECHARGING TIME		OUTPUT					EXTERNAL BATTERY	LIGHT	kg	cm	L x W x H cm / kg				
	CAPACITY	TYPE	12V Petrol & Diesel	1v/Cell			MAINS 0-100%	SOLAR PANEL 0-100% (depending on weather conditions)	POWER OUT	230V / 50 Hz	Type C	Quick Charge	Dual						12V/10A			
POWER PACK 520	518 Wh	LiPo	—	—	1000	Pure Sine Wave	12-30V 80W max	8 h 30	8 h 30 - 11 h 30	500 W	Type C / E / F / G / I	(x1) 5V/3A - 9V/3A - 12V/3A 15V/3A - 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x2) 5V/3.1A - Single : 2.4A Max	x2	x1	—	1 x LED	5.14	26.4 x 23.4 x 16.3	33.5 x 23 x 34.5 / 6.2	
POWER PACK 1300	1280 Wh	LFP	•	500 A	1000 A	2000	Pure Sine Wave	12-30V 200W max	7 h	12 h - 14 h	1000 W	Type C / E / F (euro plug)	(x2) 5V/3A - 9V/3A - 12V/3A 15V/3A 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x3) 5V/3.1A - Single : 2.4A Max	x2	x1	—	1 x LED	17.5	36 x 27 x 28	45 x 39 x 39 / 20.6
POWER PACK 14.22	1408 Wh	LFP	•	500 A	1000 A	2000	Pure Sine Wave	12-30V 200W max	8 h	13 h - 15 h	2200 W	Type C / E / F (euro plug)	(x2) 5V/3A - 9V/3A - 12V/3A 15V/3A 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x3) 5V/3.1A - Single : 2.4A Max	x2	x1	—	1 x LED	17.1	36 x 27 x 28	—
POWER PACK 14.15 FC	1408 Wh	LFP	•	500 A	1000 A	2000	Pure Sine Wave	30-60V 400W max	1 h	6 h - 8 h	1500 W	Type C / E / F (euro plug)	(x2) 5V/3A - 9V/3A - 12V/3A 15V/3A 20V/2.25A	(x1) 3.0 5V/3A 9V/2A - 12V/1.5A	(x3) 5V/3.1A - Single : 2.4A Max	x2	x1	•	1 x LED	19.3	36 x 27 x 28	43 x 36.5 x 33.5 / 22

RECOMMENDATION	Game	Phone	Camera	Laptop	TV	Tablet	Refrigerator	Drill	Saw	Blender	Mixer	Iron	Shaver	Electric Scooter
POWER PACK 520	•	•	•	•	•	•	•	•	•	•	•	•	•	•
POWER PACK 1300	•	•	•	•	•	•	•	•	•	•	•	•	•	•
POWER PACK 14.22	•	•	•	•	•	•	•	•	•	•	•	•	•	•
POWER PACK 14.15 FC	•	•	•	•	•	•	•	•	•	•	•	•	•	•



JUMPER CABLES EV CABLES ACCESSORIES

JUMPER CABLES	78
EV CHARGING	79
ACCESSORIES	80
BATTERY LIFT	81

JUMPER CABLES

320 A > 1000 A

056206					
564015					
056404					
056602					
056190					
056312					
056329					
056336					
027695					
056343					
056558					
056541					
056619					

BOOSTER CABLES - Câbles de démarrage - Starterkabel - Cables de arranque - Cavi di avviamento



TEST VOLT
LED

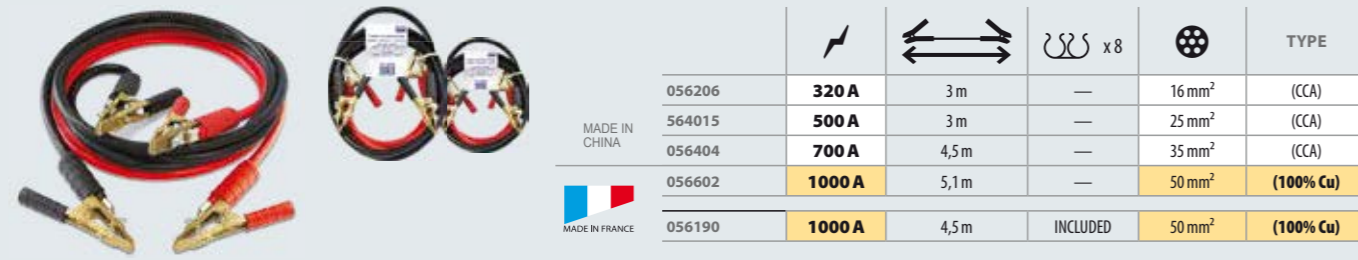
DIN 72553

	ESSENCE BENZINE PETROL	DIESEL	Length	Cross-section	TYPE
027695	350 A	5,5l	31	3,5m	25 mm ² ≈ Ø Cu

TYPE	Ø	%I
CCA		
≈ Cu		
100% Cu		

PRO BRASS CLAMPS

BRASS CLAMPS, NON-INSULATED - Pincas laiton, non isolatees - Messingklemmen, nicht isoliert - Pinzas de latón, no aisladas - Morsetti in ottone non isolate

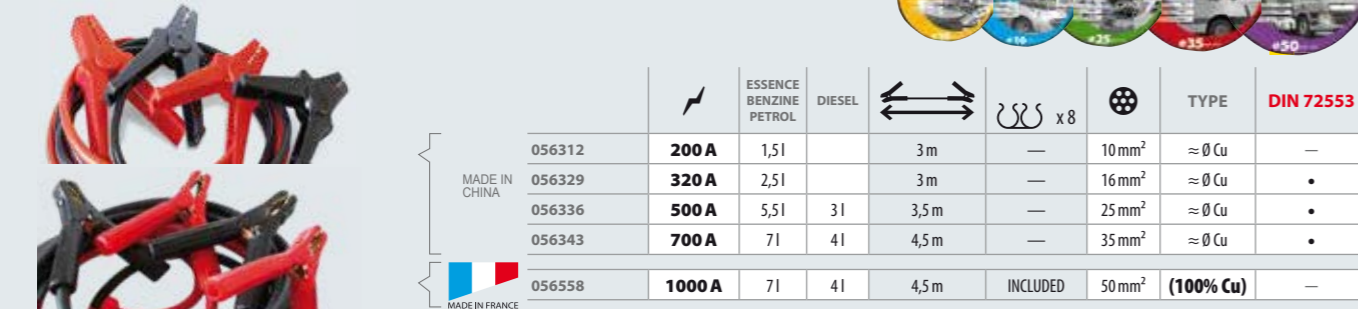


MADE IN CHINA

	Length	Cross-section	TYPE
056206	3m	16 mm ²	(CCA)
564015	3m	25 mm ²	(CCA)
056404	4,5m	35 mm ²	(CCA)
056602	5,1m	50 mm ²	(100% Cu)
056190	4,5m	50 mm ²	(100% Cu)

PRO INSULATED CLAMPS

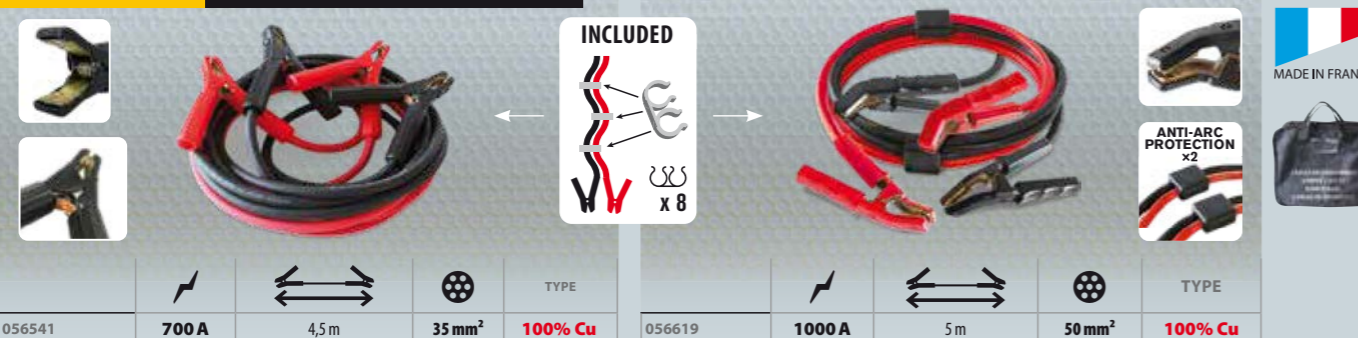
INSULATED CLAMPS - Pincas isolatees - Isolierte klemmen - Pinzas aisladas - Morsetti isolate



MADE IN CHINA

	ESSENCE BENZINE PETROL	DIESEL	Length	Cross-section	TYPE	DIN 72553
056312	200 A	1,5l	3m	10 mm ²	≈ Ø Cu	-
056329	320 A	2,5l	3m	16 mm ²	≈ Ø Cu	•
056336	500 A	5,5l	3,5m	25 mm ²	≈ Ø Cu	•
056343	700 A	7l	4,5m	35 mm ²	≈ Ø Cu	•
056558	1000 A	7l	4,5m	50 mm ²	(100% Cu)	-

SUPER PRO INSULATED CLAMPS



MADE IN FRANCE

ANTI-ARC PROTECTION x2

	Length	Cross-section	TYPE
056541	4,5m	35 mm ²	100% Cu
056619	5m	50 mm ²	100% Cu

EV CHARGING

Rechargement EV • Laden für Elektrofahrzeuge
• Carga de EV • Ricarica per veicoli elettrici

6 A > 32 A

Power	6 A	8 A	10 A	13 A	16 A	20 A	32 A
230V	1.4 kW	1.8 kW	2.3 kW	2.9 kW	3.7 kW	4.6 kW	7.4 kW
400V	4.1 kW	5.5 kW	6.9 kW	8.9 kW	11 kW	14 kW	22 kW

INCLUDED

	075320	080676
16 A / 1 ph	✓	-
13 A / 1 ph	-	✓
32 A / 3 ph	✓	✓
16 A / 1 ph	-	✓

+ more output options...

available on request



SUPER PRO SMART EV CHARGE

6 → 32A 1 ph / 3 ph

TIMER FUNCTION
Delay start 1h → 24h

075320
080676



EV CHARGING - PORTABLE

10/16 A 1 ph

028975



EV CHARGING - STANDARD CABLES

32 A 1 ph

079687



EV CHARGING - SPIRAL CABLE

32 A 1 ph

028982

	IP	U ₁	I ₁	P			Length	
SUPER PRO SMART EV CHARGE	65	1 ph 3 ph + N	6/8/10/13/ 16/20/32 A	1,4 → 22kW	•	-		Type 2
EV CHARGING PORTABLE	66	1 ph	10 / 16 A	2,3 / 3,7kW	•	-		Type 2
EV CHARGING SPIRAL CABLE	66	1 ph	32 A	7,4 kW	-	•	5 m	Type 2
EV CHARGING STANDARD CABLES	55	1 ph	32 A	7,4 kW	-	•		Type 2
	55	3 ph	32 A	22 kW	-	•		Type 2

OPTION

21 x 43 x
57 cm
060432

IP67



ACCESSORIES



Current clamp
- Pince
ampèremétrique
- Strommesszange
400 A
053991
600 A
053984

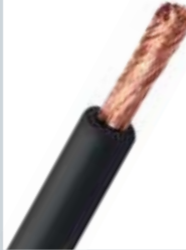
CABLES EN 60245-6/H01N2-D (Rubber - Caoutchouc)

EN 60974-9



⊘	↔ L	A (60%)	A (35%)	
16 mm ²	100m	046252	121	131
	⊗ x m	046207		
	5m	045408		
25 mm ²	100m	046603	165	185
	⊗ x m	046306		
	100m	046702	211	243
35 mm ²	100m	046405	275	323
	⊗ x m	046801		
	100m	046757	351	419
70 mm ²	100m	046832	433	527
	⊗ x m	046863		

HIGH FLEXIBILITY ELECTRICAL CABLES



⊘	↔ L	A (60%)	A (35%)		
10 mm ²	100m	054882	054875	88	92
	20m	056107	056091		
16 mm ²	100m	054905	054899	120	130
	20m	056121	056114		
25 mm ²	100m	054929	054912	164	184
	20m	056145	056138		
35 mm ²	100m	054943	054936	210	240
	100m	054967	054950	273	320
70 mm ²	50m	—	056565	310	380

CLAMPS - Pinces • Klemmen • Pinzas • 充电夹

	40 A	60 A	60 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	300 A	600 A
I 100%	30 A	60 A	60 A	100 A	200 A	120 A	120 A	120 A	170 A	200 A	-	-
I peak	75 A	150 A	150 A	200 A	300 A	600 A	650 A	700 A	850 A	1000 A	-	-
max	↔ 30 mm	↔ 25 mm	↔ 25 mm	↔ 38 mm	↔ 45 mm	↔ 40 mm	↔ 35 mm	↔ 28 mm	↔ 44 mm	↔ 55 mm	↔ 38 mm	↔ 38 mm
max	2.5 mm ²	10 mm ²	16 mm ²	16 mm ²	25 mm ²	35 mm ²	25 mm ²	25 mm ²	35 mm ²	70 mm ²	50 mm ²	95 mm ²
	●● (x2) 053106	● 055537	●● (x2) 071896 ●● (x2) 071889	●● (x2) 053502 ●● (x2) 053403	●● (x2) 053700 ●● (x2) 053601	●● (x2) 053779 ●● (x2) 053786	●● (x2) 055551 ●● (x2) 055544	●● (x2) 025783 ●● (x2) 025776	●● (x2) 053816 ●● (x2) 053793	●● (x2) 025769 ●● (x2) 025752	●● (x2) 038059	●● (x2) 038066

BATTERY TERMINAL • Cosses batterie • Polklemmen • Terminales batería • 电池端子

	⊘ 10 mm / 35 mm ²	⊘ 13 mm / 50 mm ²	⊘ 16 mm / 70 mm ²
⊕ & ⊖ 054400	⊕ x25 054431 ⊖ x25 054448	⊕ x25 054332 ⊖ x25 054349	⊕ x25 054417 ⊖ x25 054424
	x25 054356	x25 054363	x25 054370

CABLE LUGS • Cosses • Terminal Kabelschuhe • Kabelschuhe

	16 mm ² M10 ×10 038219		75 mm ² M16 ×10 038257		25 mm ² M5 ×100 047525		10 mm ² M16 ×100 047501
	25 mm ² M10 ×10 038226		125 mm ² M15 ×5 038264		35 mm ² M6 ×100 047532		16 mm ² M15 ×100 047518
	35 mm ² M14 ×10 038233				50 mm ² M10 ×100 047549		70 mm ² M10 ×100 047556
	50 mm ² M14 ×10 038240						95 mm ² M10 ×50 047570

DINSE CONNECTORS • Connecteurs Texas • Stecker • Conectores

	I A max	⊘ mm ²	⊘ mm	⊘ mm	Compatibility	Ref.
	200	10/25	14	9	CM 25.14, CF 25.14	x1 045507
	300	35/50	21	13	CM 50.21, CF 50.21	x1 045606
	400	50/70	21	13	CM 70.21	x1 047488
	200	10/25	14	9	CF 25.14	x20 045668
	300	35/50	21	13	CF 50.21	x10 045613
	400	50/70	21	13	CF 70.21	x5 045750
	500	70/95	24	13	CF 95.24	x5 047495
	200	10/25	14	9	CM 25.14	x30 045651
	300	35/50	21	13	CM 50.21	x10 045620
	400	50/70	24	13	CM 70.21	x5 045736
	500	70/95	24	13	CM 95.24	x5 072374

FUSES • Fusibles • Sicherungen • Fusibles • 保险丝

	6.3A 054578		10A 056527		10A 054530		15A 054493		20A 054509		25A 054516		30A 054523		40A 054554
	100A 054486		100A 054394		150A 027930		200A 054547		250A 055568		300A 054561		M5 40A 054646 50A 054622 80A 054653 125A 054585 150A 054639		M6 40A 071599

Anti-arc protection 041318

12V

24V

Adjustable battery carrier 058354

100 - 180 mm

Acidimeter (PH Meter) 054103

SOLAR POWERED CHARGER WITH ACCESSORIES

• Kit solaire de maintien de charge avec accessoires • Solarpanel zur Ladeerhaltung mit Zubehör • Kit solar de mantenimiento de carga

4.5W

072411

BATTERY LIFT

DIABLE JOBSITE XL ■ ■ ■
039568
↳ 18.3 kg ⊗ 66 x 47 x 20 cm / 19.5 kg



MULTITOOL TRUCK ■ ■ ■
max 200 kg
067158
↳ 90 kg
⊗ 123 x 79 x 39 cm / 95 kg

- INCLUDED**
- for battery
 - for brake caliper
 - for wheels

SAFE
EN 14238 + A1

HEALTH CARE

90°

ULTRA COMPACT
103 cm

HAND LAMPS - Lampes baladeuses - Handleuchte

TRIPOD HAND LAMP 250 L
100-250 lumens (x3)

3 x 1 W COB LED
3 x 3.6 V - 300 mAh
AAA rechargeable, Ni-MH
USB charging (6h)
operating time
High position: 1 h
Low position: 3 h
Flashing: 5 h

↓ 26 x 10 x 10 cm / 960 g
↑ 20 x 10.5 x 27 cm

059955

PORTABLE LAMP 400 L
400 lumens

COB LED
Li-ion
Charging time: 8h
operating time
High position: 2.5 h
Low position: 5 h
Top light (1 W): 6 h

↓ 23 x 6.5 x 4 cm / 480 g
↑ 13 x 7 x 23.5 cm

059153

PORTABLE LAMP PRO 600 L
250-600 lumens

COB LED, 80 CRI
3.7 V - 2200 mAh Li-ion
micro USB charging (3.5 h)
operating time
High position: 1.5 h
Low position: 4.5 h
Top light (100 lumens): 10 h

↓ 19 x 5.6 x 2.9 cm
▲ 520 g
↑ 9 x 13 x 23.2 cm
IP54
210g

060883

UNDER BONNET LAMP - Lampe sous capot - Leuchte für Motorhaube

UNDER BONNET LAMP 600 L
500-1000 lumens

120 COB LED
3.7V - 4000 mAh Li-ion
charging time: 10/12 h
operating time
High position: 4 h
Low position: 8 h

↓ 26 x 10 x 10 cm
▲ 23 kg
↑ 23.5 x 12 x 69.5 cm

059962

UNDER BONNET LAMP 800 L
250-800 lumens

120 COB LED
3.7V - 4000 mAh Li-ion
charging time: 10/12 h
operating time
High position: 3 h
Low position: 6 h

▲ 2kg
↑ 60.7 x 15 x 11.3 cm

058002

360° AMBIANT LAMP - Lampe ambiance 360°

AMBIANCE LAMP 360° PORTABLE 1000 L
60 > 1000 lumens

>80 CRI SMD LED
6500 K
3.7V - 5200 mAh Li-ion
USB charging (4.5 h) / USB power supply
operating time 2 > 27 h

↓ 26 x 7.5 x 7.5 cm ▲ 660 g
↑ 7.8 x 8 x 35 cm
IP 54

059764

INSPECTION LAMP - Lampe inspection - Inspektionslampen

INSPECTION LAMP PRO 600 L
0 > 600 lumens

6500 K
3.7 V - 2600 mAh Li-ion
operating time
1.5 > 15 h

↓ 380 x 40 x 45 mm
▲ 360 g
↑ 40 x 8.8 x 5.5 cm

057760

INSPECTION LAMP MINI 350 L
0-350 lumens

COB LED
3.7 V - 1100 mAh Li-ion
USB charging (3 h)
operating time
3 > 6.5 h

IP 20
075894

Aluminium Body

50 lumens
120 lumens
350 lumens

146 mm
279 mm

INSPECTION LAMP PRO 800 L
120-800 lumens

COB LED
3.7 V - 2600 mAh Li-ion
USB charging (4 h)
operating time
2.5 > 9 h

IP 54
075900

Aluminium Body

120 lumens
120 / 400 lumens
150 / 800 lumens

162 mm
304 mm

FRONTAL INSPECTION LAMP 280 L
100-280 lumens

3 W COB LED
80 CRI+, 6500 K
3.7 V - 1500 mAh Li-po
micro USB charging
operating time
High position: 2 h
Low position: 6 h

IP 65 / ↓ 7.8 x 4.7 x 4.2 cm
↑ 40 x 8.8 x 5.5 cm / ▲ 200 g

060845

INSPECTION LAMP MINI 200 L
100-200 lumens

COB LED, 80 CRI, 6500 K
3.7V - 700 mAh Li-ion
micro USB charging (2.5 h)
operating time
High position: 1.5 h
Low position: 4 h
Top light: 3.5 h

IP 20 / ↓ 17.4 x 2.7 x 2.8 cm
↑ 17.5 x 5 x cm / ▲ 140g

060852

WORKLIGHT WITH TRIPOD - Projecteur sur trépied - Arbeitsleuchte mit Standfuß

TRIPOD LAMP 1800 L
1800 lumens

3 x 55 COB LED
total 165 LED
1.8 m power cord

▲ 3.2 kg
↑ 95 x 14.5 x 14 cm

059146

TRIPOD LAMP 3000 L
3000 lumens

35 W COB LED
2 m power cord

IP 44
▲ 4.1 kg
↑ 103 x 21.5 x 10 cm

059979

TRIPOD LAMP 4000 L
4000 lumens

3 x 20 COB LED,
total 60 LED
3 m power cord

▲ 6.4 kg
↑ 22 x 16 x 116 cm

059986

AUTOMOTIVE BATTERIES

Batteries de démarrage - Starterbatterien - Baterias de arranque
- Automotive accu's - Baterias de Automóvel - Mnatopics
огондатов - Пусковые батареи - 汽车启动电池

Curves	LIQUID Calcium / Silver	Start & Stop / AGM / EFB / GEL / Optima	Unattended charge	100% charged	Maintenance	Battery desulphation	Fast Charge	Fast Charge ++
W	✓	-	-	-	-	-	-	-
W2	✓	-	✓	-	-	-	-	-
WU	✓	-	✓	-	✓	-	-	-
WUoU	✓	✓	✓	✓	✓	-	-	-
IWUoU	✓	✓	✓	✓	✓	✓	✓	-
I REGULATED IUoU FAST CHARGE	✓	✓	✓	✓	✓	-	✓	✓
7 STEP GYSFLASH Pb	✓	✓	✓	✓	✓	✓	✓	✓

GYSFLASH Lithium

8 STEP Li-ion 8 STEP LiFePO₄ 9 STEP Li-ion 9 STEP LiFePO₄

LiFePO₄ / Li-ion / Li-Po / NMC / LCO / MCO / NCA...

Parallel

12V 80Ah
12V 60Ah
12V 120Ah
12V 100Ah
= 12V / 360Ah

Serial

6V 150Ah
6V 150Ah
6V 150Ah
6V 150Ah
= 24V / 150Ah

12V 60Ah + 12V 60Ah = 24V 60Ah
12V 60Ah + 12V 60Ah = 24V 60Ah
12V 60Ah + 12V 60Ah = 24V 60Ah
12V 60Ah + 12V 60Ah = 24V 60Ah
Σ = 24V / 240Ah

MARKETING

Catalogs and posters available for download on our website www.gys.fr

A - Barnum 3 x 3 m 098022
B - Open Barnum 2 x 2 m 098039
C - Oriflamme 3 x 0,50 m 098015

Display stand - Podium de présentation - Podest (machines not included)
063204 A: 45 cm, B: 50 cm, C: 50 cm
063211 A: 80 cm, B: 50 cm, C: 50 cm

Type	FA1	FA2	SB1
complete - complet - komplett	062429	062443	061149
without display stand - sans linéaire - ohne Regal (machines not included)	062436	062450	062412

Retail display space with 2 shelves - Linéaire de vente avec 2 étagères - Lochwandregal mit 2 Böden (machines not included) 060784



INVEST IN THE FUTURE



French manufacturer
since 1964

2
0
2
5

BSU, Chargers, Boosters & Starters

Charge & entretien des batteries

Batterieservicegeräte-Katalog

Caricabatterie, Booster & Avviatore

Catálogo de Cargadores



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