



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

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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

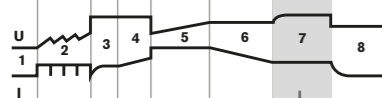
Power supply mode: Optimum floating charge, ideal for use during battery change to protect vehicle memory.
Also for when the vehicle is not in use for extended periods or for demonstration use.

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

GYSFLASH 4.12 & 4.12S

0.8/4 A

GO > 2 V SSM START STOP CAN BUS Auto Recovery

7 STEP



4.12 029422

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

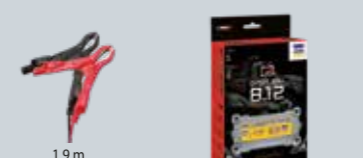
029613

GYSFLASH 8.12

8 A

GO > 2 V SSM START STOP CAN BUS Auto Recovery

REFRESH 8 STEP



029385

029545

GYSFLASH 12.12

12 A

GO > 2 V SSM START STOP CAN BUS Auto Recovery

REFRESH 8 STEP



029392

029552

PATENTS REGISTERED NUMBERS
002280008 & 002279927
EUROPEAN TRADEMARK & DESIGN

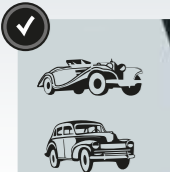
	50 / 60 Hz	Power	I _{charge}	V _{Charge}	Charge	Maintenance	Z _z	Ondulation/ Ripple	Charging curve	IP	Weight	Dimensions	L x W x H cm / kg
GYSFLASH 1.12	220-240 V AC	18 W	1 A	12 V	2 > 32 Ah	2 > 100 Ah	<0.4 Ah/month	<150 mV Rms	IUoU	7 steps	0.44 kg	13 x 8 x 3.8 cm	30 x 15.5 x 6 / 0.6
GYSFLASH 4.12 GYSFLASH 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 x 9 x 5.1 cm	34.5 x 17.9 x 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 x 10 x 5.2 cm	36 x 19.5 x 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 x 10 x 5.2 cm	36 x 19.5 x 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 x 11.1 x 5.8 cm	36.4 x 20 x 6.8 / 1.3

DESIGN GYS FRANCE

MADE IN GYS CHINA



CHARGERS Pb



HERITAGE • 6/12V

GYSFLASH 6 HERITAGE

0.8/6 A

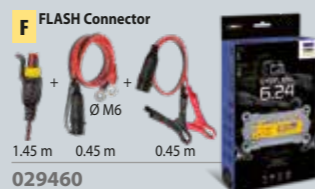


029538

6/12/24V

GYSFLASH 6.24

0.8/6 A



029460
029644

GYSFLASH 9.24

9 A



029477
029651

GYSFLASH TECHNOLOGY



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.



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Compatible with Start/Stop vehicles.
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Auto Recovery : Recovers deeply discharged (min 2V) and/or sulfated batteries.
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Auto Recovery: Wiederherstellung der Zellen bei tiefentladenen bzw. sulfatierten Batterien (min. 2V).

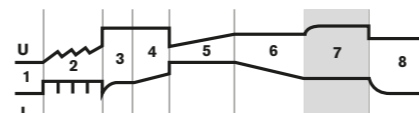


Fitted with a highly sensitive sensor, Gysflash automatically adjusts the charge based on ambient temperature.
Équipé d'un capteur haute sensibilité, le Gysflash ajuste automatiquement les paramètres de charge en fonction de la température ambiante.
Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

SMART CHARGE 7 STEP / 8 STEP / 8 STEP LiFePO4

Pb

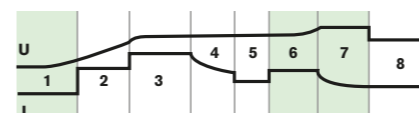
- Status analysis
- Recovery
- Test desulfation
- Desulfation
- Fast charge 80%
- Absorption
- Refresh (for "8 step" only)
- Floating 100%



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).

LiFePO4 (LFP)

- UVP Wake up - Status analysis
- Recovery
- Fast charge 90%
- Absorption 95%
- Test
- Completion
- Equalization
- 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

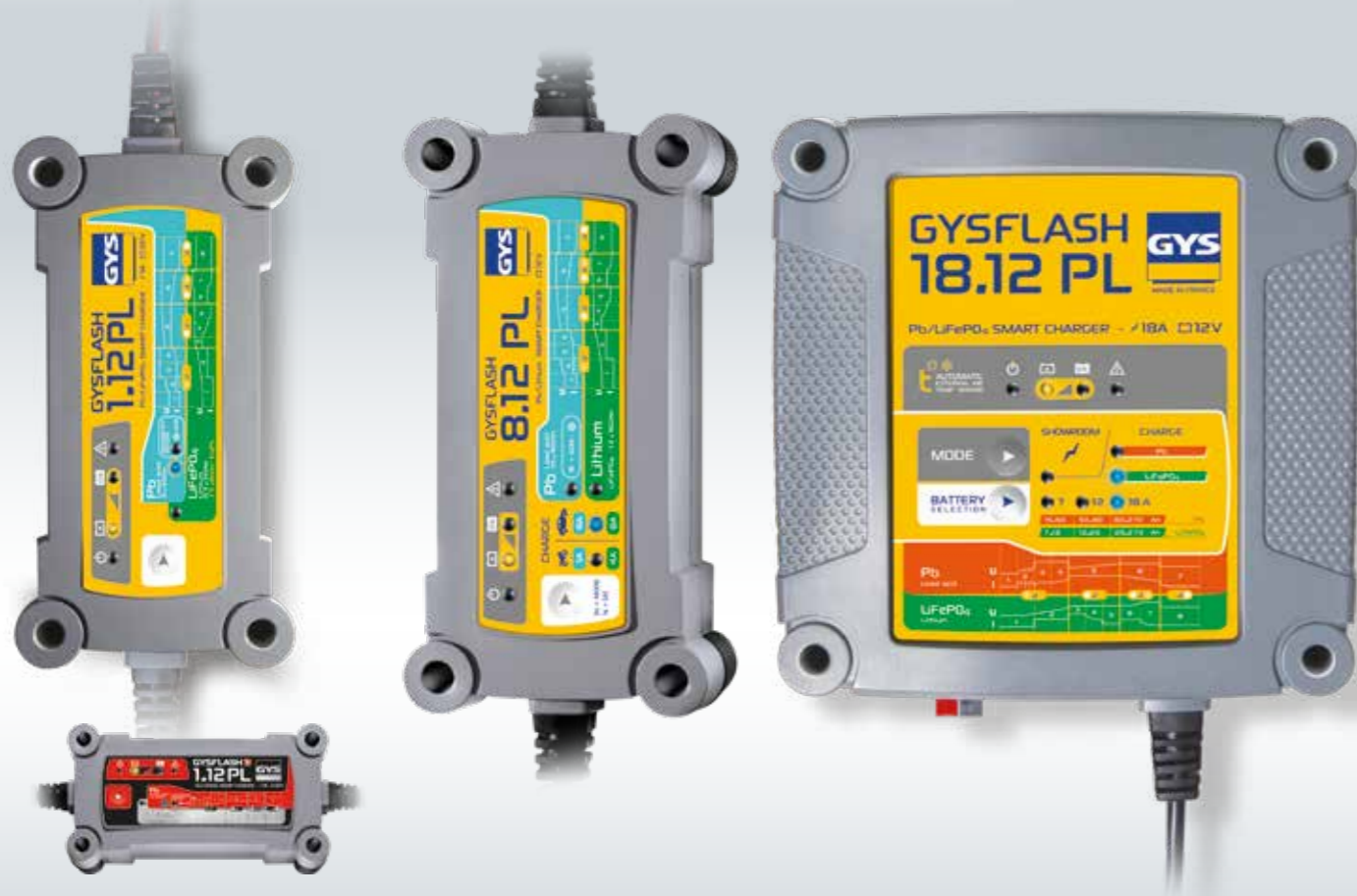
DESIGN GYS FRANCE MADE IN GYS CHINA

	50/60 Hz	Power	I charge	V	Charge	Maintenance	Zz	Ondulation / Ripple	Charging curve	IP	Weight	Dimensions	Volume
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	Volume
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



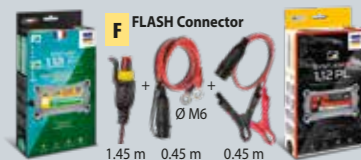
12/24V

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	Model	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions (L x W x H cm)
GYSFLASH 1.12 PL	220-240 V AC	20 W	1 A	12 V	2 > 32 Ah (Pb) 0.5 > 20 Ah (LiFePO ₄)	2 > 100 Ah (Pb) 0.5 > 50 Ah (LiFePO ₄)	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 65, 0,69 kg	17 x 9 x 5.1 cm
	100-127 V AC	2 m	20 W	1 A	12 V	2 > 32 Ah (Pb) 0.5 > 20 Ah (LiFePO ₄)	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 65, 0,69 kg	33 x 17,5 x 6 / 0,8
GYSFLASH 8.12 PL	220-240 V AC	130 W	1/4/8 A	12 V	15 > 160 Ah (Pb) 1.2 > 160 Ah (LiFePO ₄)	15 > 240 Ah (Pb) 1.2 > 240 Ah (LiFePO ₄)	<0.4 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 65, 0,85 kg	19 x 10 x 5.2 cm
GYSFLASH 18.12 PL	220-240 V AC	300 W	7/12/18 A	12 V	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO ₄)	15 > 270 Ah (Pb) 7 > 270 Ah (LiFePO ₄)	<0.5 Ah/month	<100 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 31, 1,55 kg	19 x 19 x 7.3 cm

DESIGN GYS FRANCE / MADE IN GYS FRANCE	Model	Power	I _{charge}	V	Charge	Maintenance	Zz	Ondulation/Ripple	Charging curve	IP	Weight	Dimensions (L x W x H cm)
GYSFLASH 30.12 PL	220-240 V AC	500 W	7/15/30 A	12 V	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO ₄)	15 > 375 Ah (Pb) 7 > 375 Ah (LiFePO ₄)	<0.5 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 31, 1,85 kg	19 x 19 x 7.3 cm
GYSFLASH 20.12/24 PL	220-240 V AC	500 W	7/15/20 A 7/15 A 24 V	12 V 24 V	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO ₄) 15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO ₄)	15 > 300 Ah (Pb) 7 > 300 Ah (LiFePO ₄) 15 > 240 Ah (Pb) 7 > 240 Ah (LiFePO ₄)	<1 Ah/month	<150 mV Rms	IUoU	7 step (Pb) 8 step (LiFePO ₄)	IP 31, 1,85 kg	19 x 19 x 7.3 cm

GYSFLASH TECHNOLOGY

SSM

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

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START STOP

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

Auto Recovery

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

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

t°

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

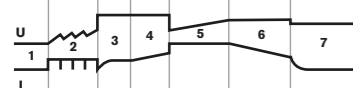
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Ausgestattet mit einem hochempfindlichen Sensor stellt das GYSFLASH automatisch die Ladeparameter der Umgebungstemperatur entsprechend ein.

SMART CHARGE 7 / 8 STEP LiFePO₄

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.
Reaktivierung der Batterie mit UVP-Schutz.

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

GYSFLASH Pb / LITHIUM

CHARGER Pb / LiFePO₄

INTENSIVE



SC **SMART COOLING TECHNOLOGY**

100% DUST PROOF



SILENT

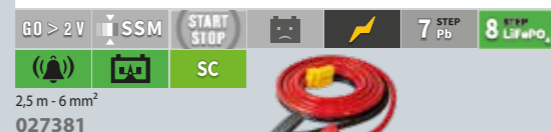
IP 23

INDOOR / OUTDOOR

12V

GYSFLASH 32.12 PL

7/15 / 30 A



2,5 m - 6 mm²
027381

GYSFLASH Pb

CHARGER Pb

INTENSIVE



SHOCK RESISTANT

IP 65

INDOOR / OUTDOOR

12/24V

GYSFLASH 15.24 XTREM

15 A



5 m - 4 mm²
025813

ROBUST & SAFE
2 pts connection

Double insulation

OPTIONS

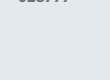
NATO CONNECTOR
026780

DIN 1490 CONNECTOR
028784



2 pts/NATO Spiral
5 m
028968

2 pts/DIN 1490
Emergency vehicle
5 m
028777



2 pts/NATO
5 m - 4 mm²
025837

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	—	IP 23	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	—	IP 65	5,4 kg	7,5 × 25 × 21 cm	27 × 20 × 36 / 5,4

GYSFLASH TECHNOLOGY

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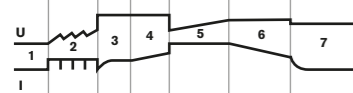
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SMART CHARGE 7 STEP / 8 STEP LiFePO4

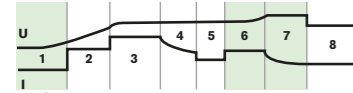
Pb

1. Status analysis
2. Recovery
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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%



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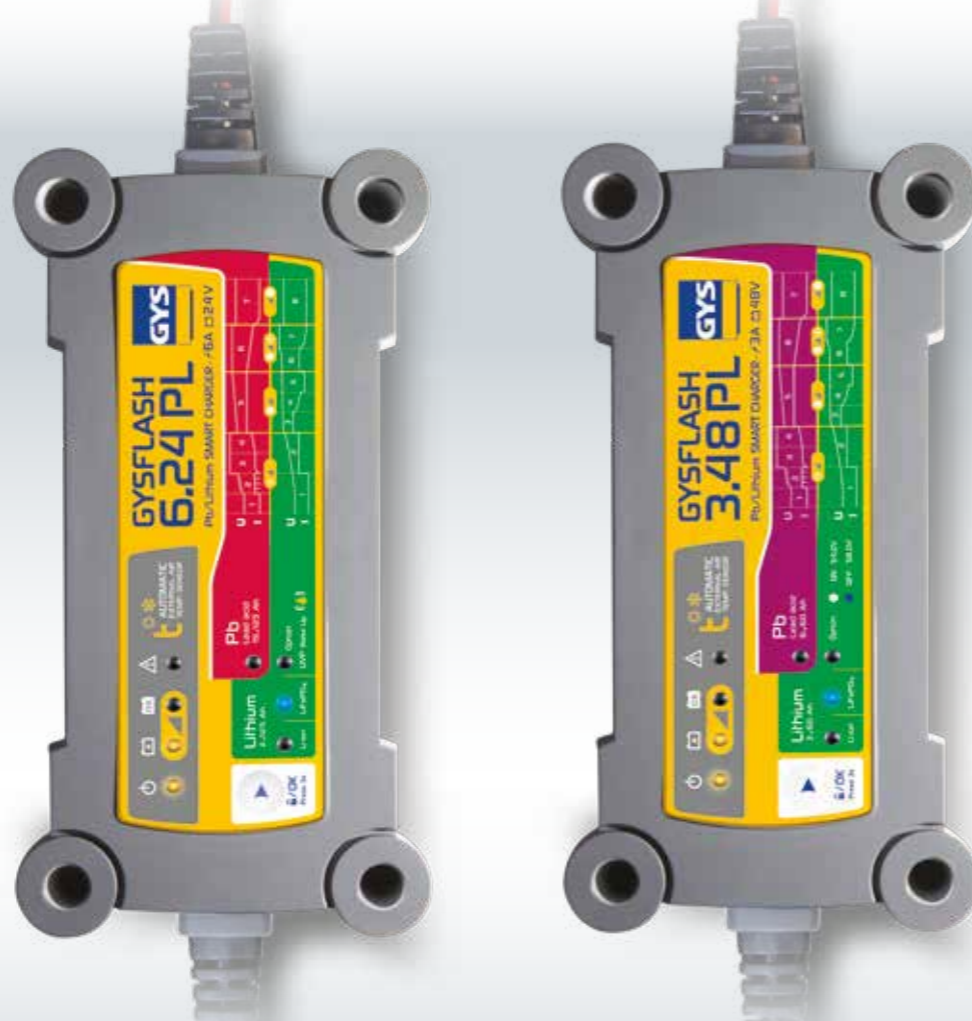
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GYSFLASH Pb / LITHIUM

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

GO > 2 V SSM

7 STEP Pb 8 STEP LiFePO4 8 STEP Li-ion

SAE Connector

1.45 m 0.45 m 0.45 m

027398



48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 3.48 PL

3 A GO > 5 V SSM

GO > 5 V SSM

7 STEP Pb 8 STEP LiFePO4 8 STEP Li-ion

SAE Connector

1.45 m 0.45 m

027893



36 / 48 • INDUSTRY / ELECTROMOBILITY

GYSFLASH 10.36/48 PL

10 A GO > 5 V SSM

GO > 5 V SSM

7 STEP Pb 8 STEP LiFePO4 8 STEP Li-ion

ANDERSON Connector

1.9 m (4 mm²)

027060



DESIGN GYS FRANCE	PATENTS REGISTERED NUMBERS 002280008 & 002279927 EUROPEAN TRADEMARK & DESIGN	50 / 60 Hz	Power	I _{charge}	V	n cell			Charge	Maintenance	Z _z	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





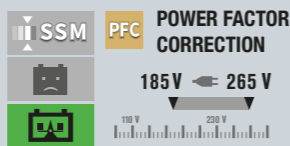
CHARGERS ON BOARD

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

OPEN & CONNECT

cables not included



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



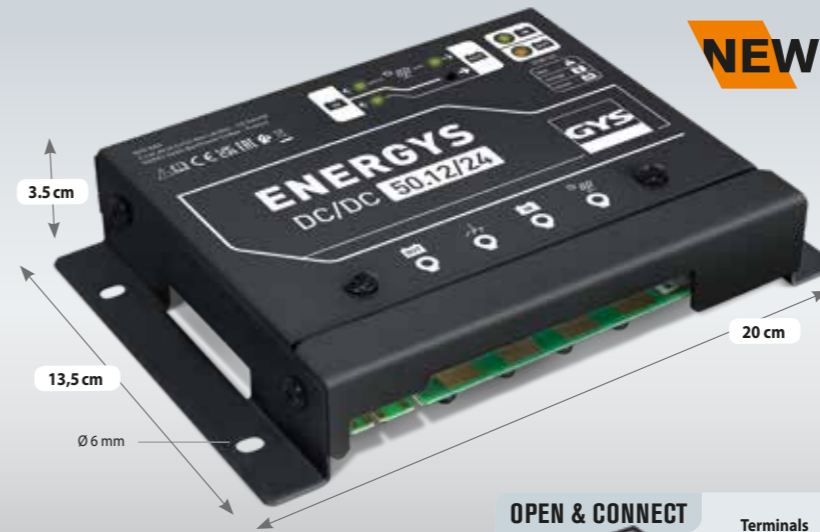
21.5 cm, 7 cm, 17.5 cm, 8 cm, GYSFLASH 18.12 PL-E, GYSFLASH 30.12 PL-E, GYSFLASH 15.24 PL-E, GYSFLASH 8.48 PL-E

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
--	--	--	--



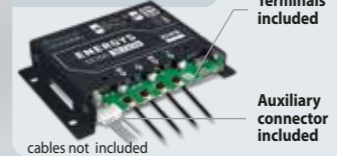
DC · DC CONVERTER REVERSIBLE

Pb ✓ Liquid / Gel, AGM
Lithium ✓ LiFePO4



ENERGYS DC/DC 50.12 / 24
50 A
072534

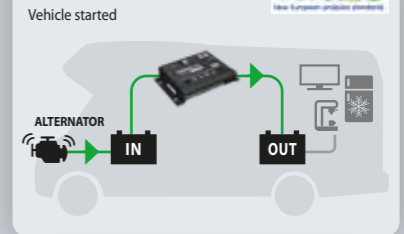
OPEN & CONNECT



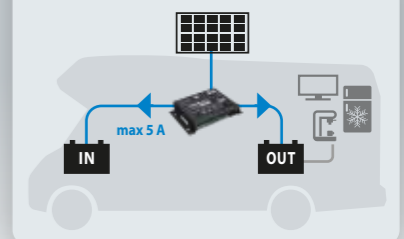
Terminals included
Auxiliary connector included
cables not included

	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 x 35 x 200	570

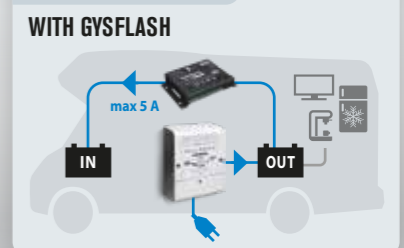
EURO 6 STANDARD



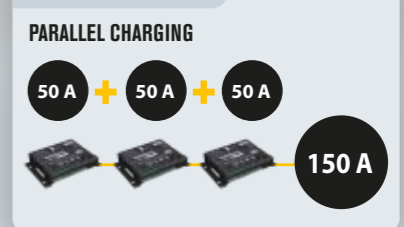
SOLAR REGULATOR



REVERSIBLE CHARGE (Over-wintering)



MORE OUTPUT POWER



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

ALU RUST PROTECTION

ULTRA LIGHTWEIGHT

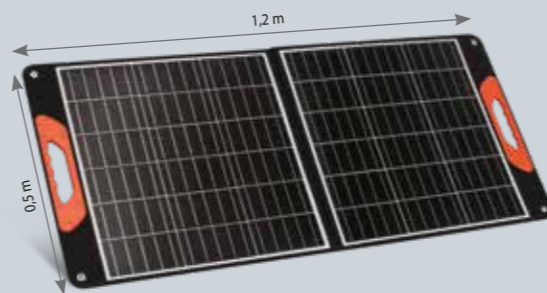
VIBRATION & SHOCK RESISTANT

-25 / +60°C

HIGH EFFICIENCY Up to 15% Energy Saving
93%

EMC class B

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 - Innesito batteria - Separator akumulatora

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

082564



BSU

BATTERY SUPPORT UNIT

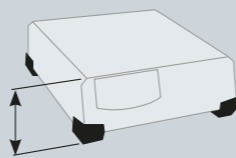
Battery support for:

- ✓ 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

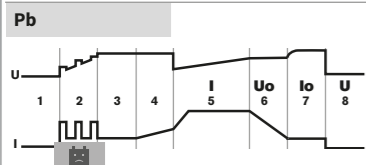
SC SMART COOLING TECHNOLOGY

100% DUST PROOF



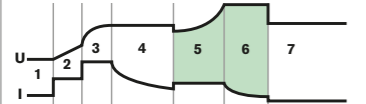
SILENT

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 +

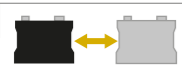


U2 ADJUSTABLE

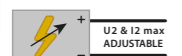
SHOWROOM



CHANGE BATTERY



POWER SUPPLY



U2 & I2 max ADJUSTABLE



12 V		
GYSFLASH 30.12 30 A PFC SC 2,5 m - 6 mm ² 029224	GYSFLASH 50.12 FV 50 A PFC FV SC 2,5 m - 10 mm ² 026056	GYSFLASH 100.12 100 A PFC SC 2,5 m - 16 mm ² 029071 5 m - 16 mm ² 029415

6 / 12 / 24 V		
GYSFLASH 30.24 30 A PFC SC 2,5 m - 6 mm ² 029231	GYSFLASH 50.24 50 A PFC SC 2,5 m - 10 mm ² 029095 5 m - 10 mm ² 029620	

12 V		
GYSFLASH 102.12 100 A PFC SC 5 m - 16 mm ² 029606		



ACCESSORIES p.35

MADE IN FRANCE	50 / 60 Hz	L	mm ²	START MINI	I max	25°C @ 100%	40°C @ 100%	TRACTION BATTERIES	SHOWROOM CONNECT	IP	Weight	Dimensions	Volume			
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 / 40 A / 35 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

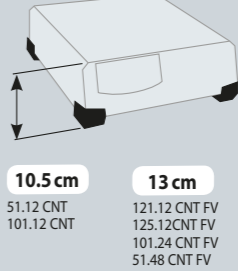
- Battery support for:
- ✓ Diagnostics
 - ✓ ECU programming
 - ✓ ADAS recalibration

CNT
Connected Technology
FULLY CUSTOMIZABLE
p.32

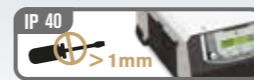
- FV** FLEXIBLE VOLTAGE
85 V ← 265 V
- PFC** POWER FACTOR CORRECTION
- 16 V** COMPATIBLE WITH 16V BATTERIES



- 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)



12 V

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



GYSFLASH 121.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm²
026971
UK: 027756
FR: 071605
AU: 082298



GYSFLASH 125.12 CNT FV

120 A 120 A @ 100%

PFC FV CNT

5 m - 25 mm²
028883
AU: 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 +

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	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	•	Ø M6	41	6.8 kg	30 x 10.5 x 29 cm / 38.5 x 22 x 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	•	Ø M6	21	7.5 kg / 8.3 kg	32 x 10.5 x 29.2 cm / 35.5 x 23 x 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	•	Ø M6	20	10.4 kg	31 x 13 x 26 cm / 35.5 x 23 x 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	•	Ø M6	40	10.9 kg	31 x 13 x 26 cm / 38.5 x 22 x 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	•	Ø M6	20	10.6 kg	31 x 13 x 26 cm / 38.5 x 22 x 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	•	Ø M6	20	9 kg	31 x 13 x 26 cm / 41 x 22 x 38.5 / 9

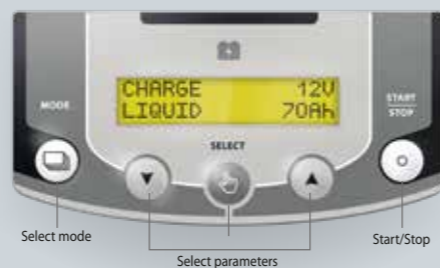


BSU

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



6 / 12 / 16 / 24V



PFC POWER FACTOR CORRECTION

16 V COMPATIBLE WITH 16V BATTERIES

FV FLEXIBLE VOLTAGE
85 V ← 265 V

CNT Connected Technology
FULLY CUSTOMIZABLE p.32

INCLUDED

Fixing kit

OPTIONS

Magnetfix 50 029637

GYSFLASH PRO vertical wall mounting kit 082694 **NEW**

GYSFLASH 103.12 CNT FV

100 A

PFC FV SC CNT

5 m - 16 mm²
072008



GYSFLASH 123.12 CNT FV

120 A

PFC FV CNT

5 m - 25 mm²
025677



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



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%

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	Weight	L x W x H cm / kg			
GYSFLASH 103.12 CNT FV	85 > 265 V	5 m	12 V	1600 W	1 V	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	12 V	2000 W	1 V	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	6/12V	1600 W	1 V	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	6/12V	3200 W	1 V	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	95 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 / 24V

GYSFLASH 107.24 CNT FV

100 A

PFC FV CNT 16 V

5 m - 25 mm²
082939



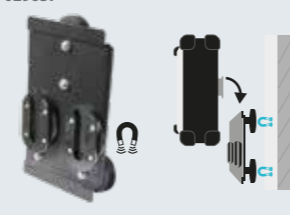
INCLUDED

Fixing kit



OPTIONS

Magnetfix 50
029637



GYSFLASH PRO
vertical wall
mounting kit
082694

NEW



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

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	Weight	Dimensions (L x W x H cm / kg)					
GYSFLASH 107.24 CNT FV	85 - 265V	5 m	25	6/12V	3200 W	1V	110V : 100 A 230V : 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	110V : 50 A 230V : 100 A	50 A 95 A	47 A 72 A									
GYSFLASH 25.48 CNT FV	100 - 127V 220 - 240V	5 m	10	6/12/24V	800 W 800 W	1V	110V : 12 A 230V : 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	13A 24 A	10 A 20 A									
GYSFLASH 53.48 CNT FV	85 - 265V	5 m	10	6/12/24V	3200 W	1V	110V : 50 A 230V : 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	110V : 25 A 230V : 50 A	26 A 48 A	20 A 37 A									



BSU BATTERY SUPPORT UNIT & STARTER

CNT Connected Technology

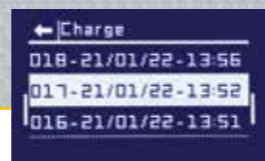
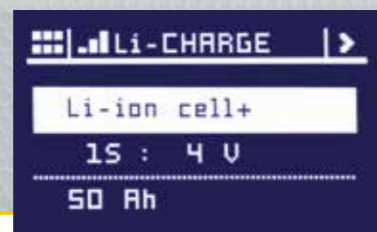
- Battery support for:
- ✓ Diagnostics
 - ✓ ECU programming
 - ✓ ADAS recalibration

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

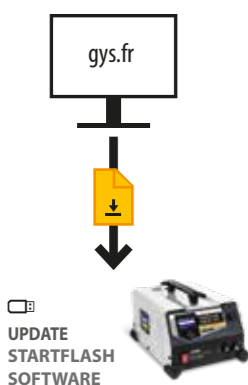
PFC POWER FACTOR CORRECTION

185V ← 265V



CNT Connected Technology

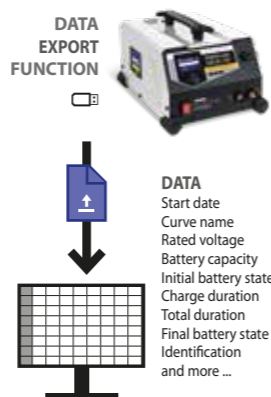
SOFTWARE UPDATE



CUSTOMIZATION



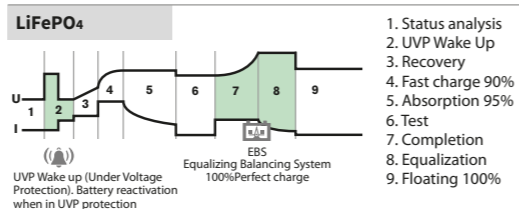
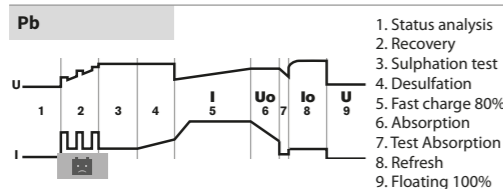
TRACEABILITY



Connected Modules & Technology p.32



SMART 9 STEP



OPTION

Trolley 074965



6/12/16/24V

STARTFLASH 120.24 CNT

2, 300 A

5 m - 35 mm² 700 A

073616

STARTER RECOMMENDATION

6V 12V 24V

5 Ah 6V +300 Ah

STARTFLASH 120 10 • 180 Ah 180 • 250 Ah

MADE IN FRANCE	50 / 60 Hz	CHARGE	START MINI	CHARGE			TRACTION BATTERIES	START			IP	LxWxH cm / kg	LxWxH cm / kg	
				I max	25°C @100%	40°C @100%		1V/C	0V/C	AUTO START				
STARTFLASH 120.24 CNT	85 > 265 V	6/12/24V	3500W	2V	110V: 100A	75 A	55 A	•	6/12/24V	150 A	150 A	20	49 x 37.5 x 30.5 / 14	41.5 x 32.5 x 25.5 / 18.5
					230V: 120 A	110 A	90 A		6V:	300 A	300 A			
									12V:	300 A	300 A			
								24V:	200 A	300 A				



BSU BATTERY SUPPORT UNIT

CNT
Connected Technology
FULLY CUSTOMIZABLE
p.32

CAR MANUFACTURING



YouTube

PLAYLIST
CNT TECHNOLOGY

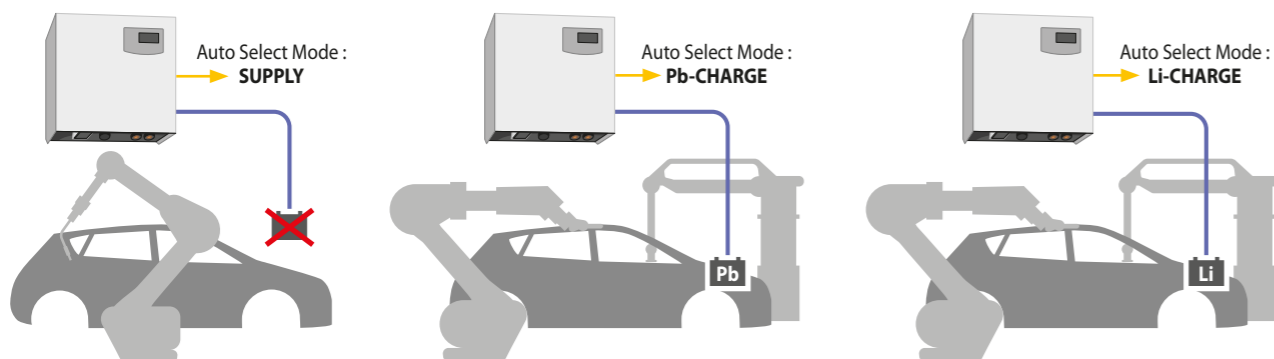
19 languages

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

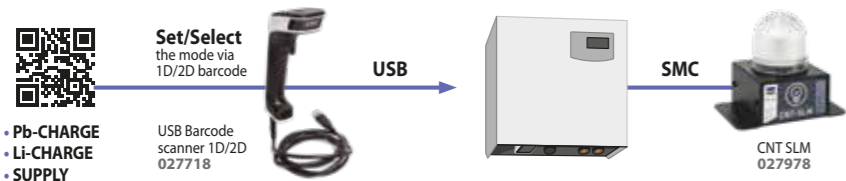


SPECIAL PROJECT - CONTACT US

AUTOMATIC BATTERY DETECTION & MODE SELECTION



CONTROL VIA 1D/2D BARCODES



CONFIG DESIGNER MENU

Setting the charge curve from the Gysflash interface :

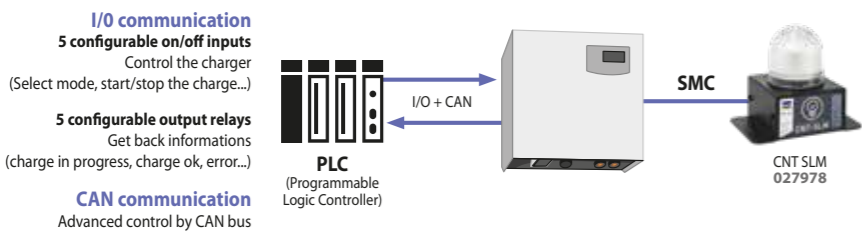
```

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



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 REACTIVATION MODE**

SECURE ACCESS



- Customizable manual accesses
- Configurable password

PFC POWER FACTOR CORRECTION

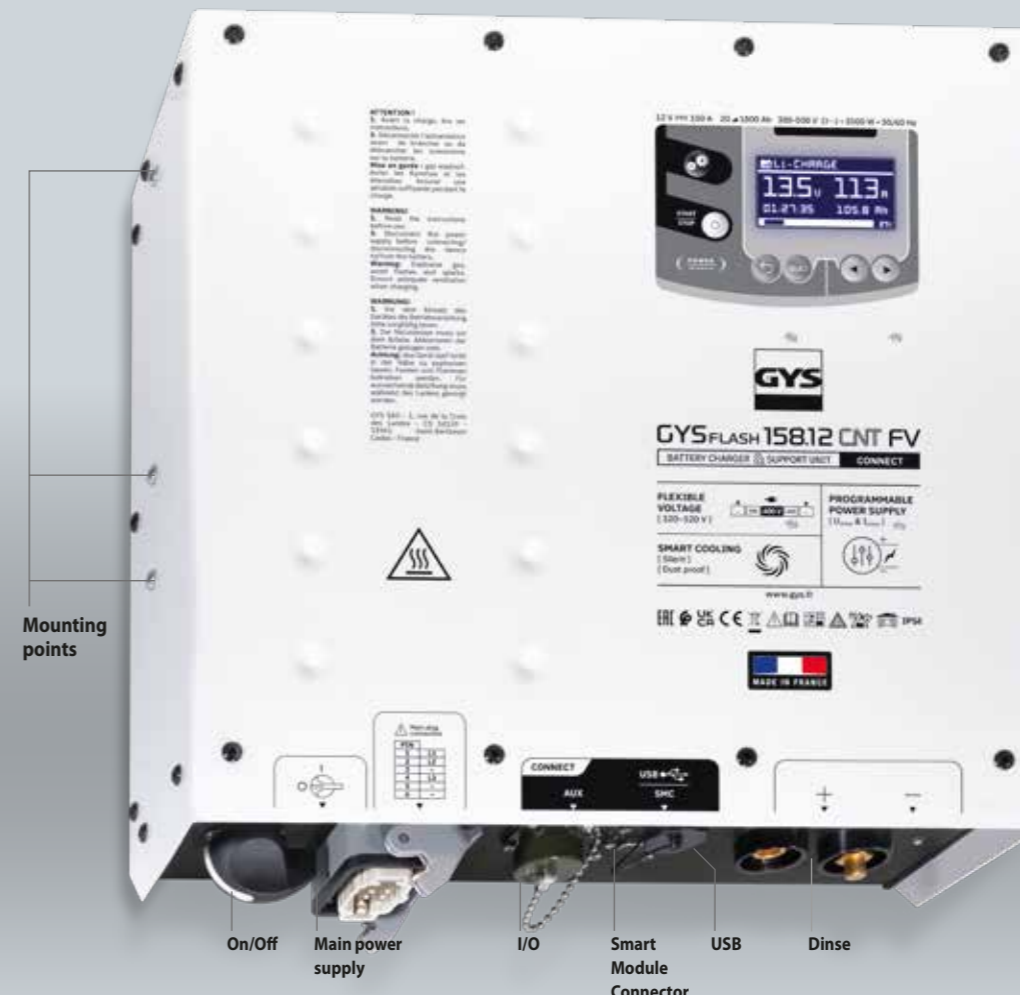
FV FLEXIBLE VOLTAGE
85 V ← 265 V

FV FLEXIBLE VOLTAGE
320V ← 520V

GYSFLASH 108.12 CNT FV
GYSFLASH 148.12 CNT FV

GYSFLASH 158.12 CNT FV

NEW



Mounting points

On/Off
Main power supply

I/O

Smart Module Connector

USB

Dinse

SCREW CONNECTOR available on request

12 V

COMING SOON

105 A

PFC SC FV CNT

085602

COMING SOON

145 A

PFC SC FV CNT

069916

COMING SOON

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



SPECIAL PROJECTS
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)

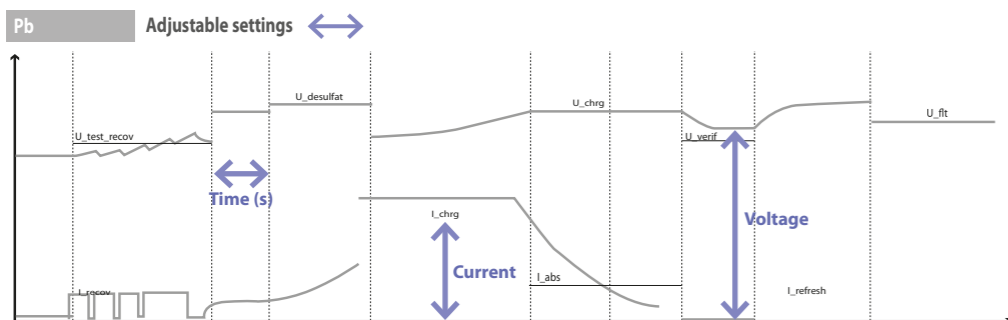
CNT MANAGER (gys.fr)

- 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	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+	liquid
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



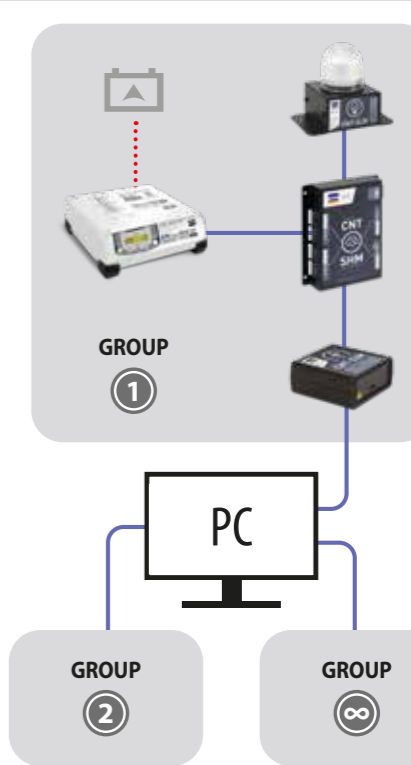
MULTI MODULES



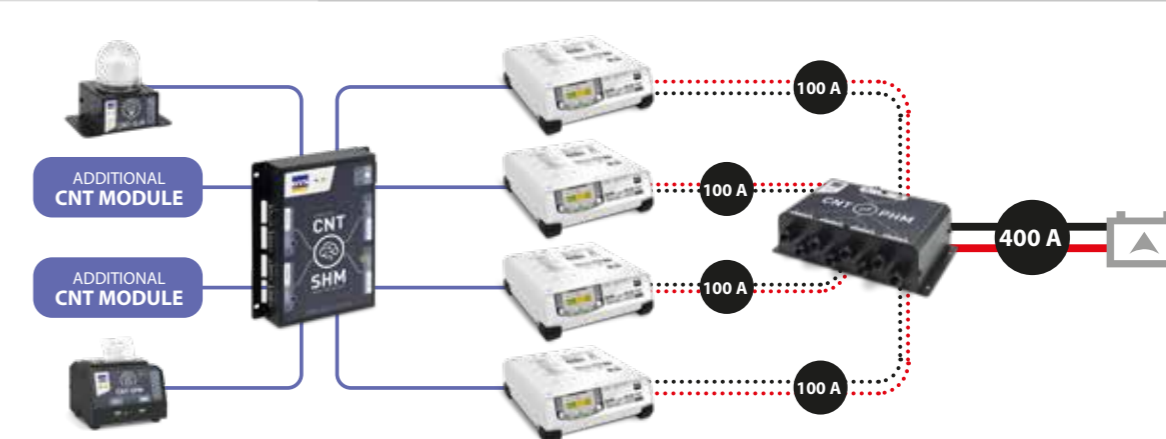
ADVANCED



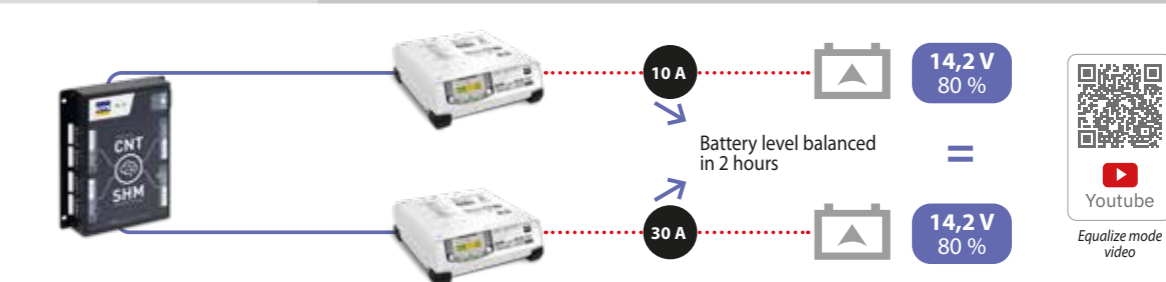
MULTI-MODULES GROUPS



PARALLEL CHARGING EXAMPLE : GYSFLASH 101.12 CNT (X4)



EQUALISATION APPLICATION EXAMPLE: DIAGNOSTICS OR RESPROGRAMMING TRUCKS



Equalize mode video



BSU BATTERY SUPPORT UNIT

CNT
Connected
Technology

COMING SOON



YouTube
PLAYLIST
CNT TECHNOLOGY

SMC CABLE

1 m 056596 3 m 025691



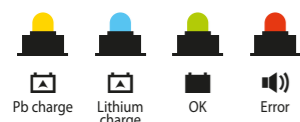
Scratch mounted

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

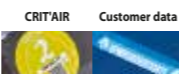
QWERTZ compatibility



SCAN

USB Barcode scanner
1D/2D
027718

USB direct connection



OPTIONS

Support
Barcode scanner
025745



NEW CNT-SCM
Smart Can Module



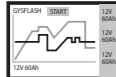
SMART COMMUNICATION

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

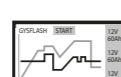


CNT-SWM
Smart Wireless Module
070837

Bluetooth LE Wifi
COMING SOON

Included
SMC Cable
1 m
056596

Computer /
Diag System



SMART HUB MODULE

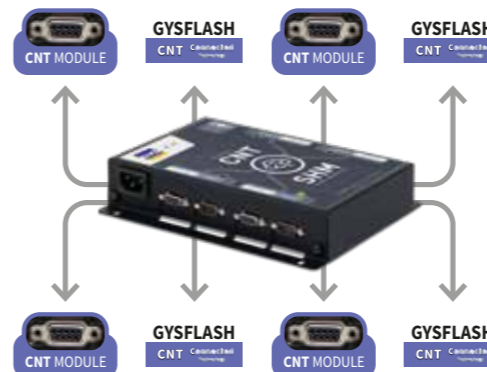
CNT-SHM
Smart Hub Module
025981

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	✓	✓	✓	✓	—
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

x2 40 A for GYSFLASH 30 054646	x2 125 A for GYSFLASH 100, 101, 102 054585
x2 80 A for GYSFLASH 40, 50 054653	x2 150 A for GYSFLASH 121, 123, 103 027930

EXTERNAL FUSES

x5 6.3 A GYSFLASH 30 054578	x5 10 A GYSFLASH 40, 50, 100, 101, 102 056527
--------------------------------------	---

CONNECTORS

NATO 026780	NATO OTAN
DIN14690 028784	





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



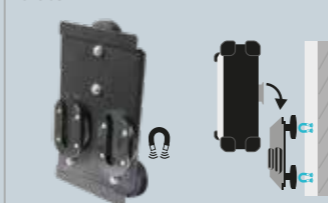
Wall support for GYSFLASH

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 × 43 × 57 cm / ⚖ 3.9 kg
☞ 36 × 43 × 20 cm / ⚖ 3.3 kg

Heavy-duty case Valise de chantier Hartschalenkoffer



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

ARTIC

IP 65

WATER PROTECTION
ARTIC 1500, 4000 & 8000

CHARGERS ONLY



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.



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 GO > 2 V (6V) GO > 7 V (12V)

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 > 3.5 V

SSM START STOP

023253



TCB 90

2/5.5A GO > 3.5 V

SSM START STOP

023260



TCB 120

3.5/7A GO > 3.5 V

SSM START STOP

023284

025240



INCLUDED

all ARTIC

Eyelets /
Câbllets /
Ösen
30 cm
026872

Clamps /
Pincés /
Klemmen
35 cm
026865

MADE IN CHINA

MADE IN GYS CHINA

	50/60 Hz	Power	CHARGE			Reg	Polarity protection	Cold Charge	SSM	Full security	Start/Stop engine	Fuse	CHARGER + TESTER	CONTROL	L x W x H cm / kg	Weight
			V	A	W											
ARTIC 800	100-240V	15W	12V	0.8A	—	—	—	—	—	—	—	—	—	6 x 15.1 x 25.5 / 0.43	0.43 kg	
ARTIC 1500	220-240V	27W	12V	1.5A	—	—	—	—	—	—	—	—	—	25.7 x 15.1 x 6 / 0.5	0.5 kg	
ARTIC 4000	220-240V	75W	6V 12V	4A 1A / 4A	—	2	•	•	•	•	—	OK	—	24.9 x 15.1 x 6 / 0.8	0.78 kg	
ARTIC 8000	220-240V	130W	12V	2/8A	—	2	•	•	•	•	—	OK	—	34.1 x 17.7 x 7.3 / 1.1	1.13 kg	
ENERGY 124	220-240V	70W	12V	3A	4.5A	—	—	—	—	—	10A	—	—	16.6 x 11.6 x 22.5 / 1.9	1.9 kg	
ENERGY 126	220-240V	90W	12V	4A	6A	—	—	—	—	—	10A	—	—	16.6 x 11.8 x 22.5 / 2	2 kg	
TCB 60 automatic	220-240V	85W	12V	2-4A	6A	2	•	—	•	—	10A	OK	OK	12.7 x 12 x 30.2 / 2.5	2.5 kg	
TCB 90 automatic	220-240V	120W	12V	2-5.5A	8A	2	•	—	•	—	15A	OK	OK	17.2 x 12 x 30.2 / 3.2	3.2 kg	
TCB 120 automatic	220-240V	150W	12V	3.5-7A	10.5A	2	•	—	•	—	15A	OK	OK	17.9 x 12.3 x 30.4 / 3.2	3.2 kg	



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																
ARTIC 4000																
ARTIC 8000																
ENERGY 124																
ENERGY 126																
TCB 60																
TCB 90																
TCB 120																



CT

CHARGERS



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



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

12/24 V • MANUAL **W**

CA



Protection for on-board electronics



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



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

12/24 V • AUTOMATIC **W2**

MULTICHARGE



6 charging speeds

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

Model	Voltage	Power	Output	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	190W	12/24V	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	260W	12/24V	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	1200W	12/24/36/48V	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 6 6 6	40A	40.5 x 34 x 24 / 15.8	15,5 kg	
CA 150	230V, 50/60 Hz	500W	12/24V	8A	10A (boost)	—	18A	2	25A	32.8 x 25.5 x 14.6 / 6.5	6 kg	
CA 360	230V, 50/60 Hz	920W	12/24V	7A	15A (boost1) 25A (boost2)	—	37A	3	50A	43 x 30 x 23 / 14	14 kg	
WATTMATIC 100	230V, 50 Hz	170W	6/12V	3A	5A	—	11.4A	2	10A	26.9 x 24.3 x 12.8 / 3.7	3.8 kg	
WATTMATIC 140	230V, 50 Hz	230W	6/12V	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	280W	6/12V	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																																																																																				
CA 360																																																																																				
WATTMATIC 100																																																																																				
WATTMATIC 140																																																																																				
WATTMATIC 170																																																																																				



BATIUM



SELF START MEMORY



AUTO DETECT

BATTERY VOLTAGE DETECTION

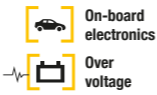


ALL BATTERIES



Microprocessor Control

FULL PROTECTION



YouTube

PLAYLIST BATIUM

CHARGERS

AUTOMATIC, SMART & FAST



BATIUM 7.12
7 A GO > 2 V
 SSM START STOP V AUTO DETECT
 1.5 m - 1.5 mm² → 40 A
 024496
 024557

BATIUM 15.12
15 A GO > 0.5V
 SSM START STOP V AUTO DETECT
 1.5 m - 2.5 mm² → 40 A
 024519
 024632

6/12V IUoU

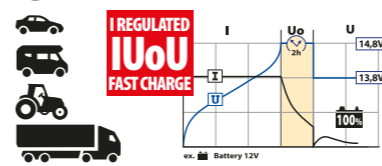


BATIUM 7.24
7 A GO > 2 V
 SSM START STOP V AUTO DETECT
 1.5 m - 1.5 mm² → 40 A
 024502

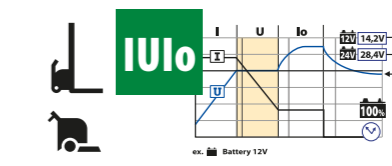
BATIUM 15.24
15 A GO > 0.5V
 SSM START STOP V AUTO DETECT
 1.5 m - 2.5 mm² → 40 A
 024526
 024588

6/12/24V IUoU

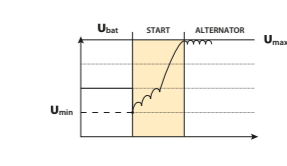
I REGULATED FAST CHARGE



TRACTION BATTERY CHARGING



TEST



BATIUM 25.24 X
25 A GO > 0.5V
 SSM START STOP V AUTO DETECT
 2 m - 6 mm² → 60 A
 024830
 MODE SOS RECOVERY

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	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	6V	12V	24V	6V	12V	24V	6V	12V	24V
BATIUM 7.12	•	•										
BATIUM 7.24	•	•										
BATIUM 15.12	•	•										
BATIUM 15.24	•	•										
BATIUM 25.24 X	•	•										

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	Reg 3						
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	•



STARTERS & CHARGERS
AUTOMATIC



3 in 1

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

TIMER

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

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



35/50 mm²



NEW DESIGN



NEW DESIGN



NEW DESIGN



NEW DESIGN
NATO OTAN Compatibility p61



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									
			min > max	RMS / Efficace						Average / Moyen (EN 60335)	Reg							
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	•	—	200 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 : 20 > 900 Ah	95 A							60 A
										24V : 20 > 525 Ah	65 A							40 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
-------------	----

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



i

12V = 6 C*

24V = 12 C*

*C = cells, cellules

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 IREGULATED 100V FAST CHARGE FV FLEXIBLE VOLTAGE 85 V 265 V



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



SPIRAL TECHNOLOGY



SPIRAL TECHNOLOGY

New handle design



EnerSys
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
027992
025929



INCLUDED GYSPACK 660

CHARGER
⊕ Power in 100-240 V/out 12 V
50/60 Hz
027992
025929



REGULATED IVOU FAST CHARGE
FV FLEXIBLE VOLTAGE
85 V ↔ 265 V

12 V **28 Ah** 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
054691



REGULATED IVOU FAST CHARGE
FV FLEXIBLE VOLTAGE
85 V ↔ 265 V

12 V **28 Ah** 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
054691



REGULATED IVOU FAST CHARGE
FV FLEXIBLE VOLTAGE
85 V ↔ 265 V

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

Model	START			CHARGER INSIDE	EXTERNAL Charge 230V	Protection		Power out		Fuse	Fuse	LxWxH cm	LxWxH cm / kg
	Inside	1 V/Cell	0 V/Cell			Peak Battery	ON	OFF	Memory				
GYSPACK 660	28 Ah	12V	640 A	1200 A	1900 A	•	•	•	•	•	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	•	•	•	•	•	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	•	•	•	•	•	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	•	•	•	•	•	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	•	•	•	•	•	1 × 300 A	33 x 15 x 32	35 x 24 x 36 / 16

Model	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 660	•	•	•													
GYSPACK 750	•	•	•													
GYSPACK PRO 800	•	•	•													
GYSPACK PRO 700	•	•	•													
GYSPACK PRO 900	•	•	•													



55

GYSPACK

BOOSTERS • Pb/LEAD INSIDE

BOOSTERS Pb/LEAD

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



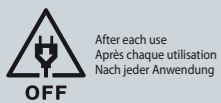
1.8 m - 25 mm² 600 A 025448
026339

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 12V
50/60 Hz
054684
054691



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



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	•	110-240V	—	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					•	•	12V DC	—	37 x 20 x 57	39 x 24 x 60 / 21	
STARTPACK 12.24 CI	2x 16Ah	12V	900 A	1700 A	3600 A	—	220-240V	4A	—	•	•	—	—	1x300 A	26 x 20 x 48	34 x 20 x 51 / 19
		24V	700 A	1350 A	1800 A					•	•	—	—	1x300 A	14 x 35 x 56	63 x 39 x 30 / 34
STARTPACK PRO 12.24 CI	2x 30Ah	12V	1300 A	2400 A	6200 A	—	220-240V	4A	—	•	•	—	—	1x300 A	14 x 35 x 56	63 x 39 x 30 / 34
		24V	1200 A	2250 A	3100 A					•	•	—	—	1x300 A	14 x 35 x 56	63 x 39 x 30 / 34



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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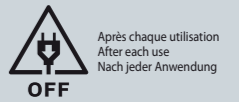
2 m - 50 mm² 600 A 028920
068162

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 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

2m - 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	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	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

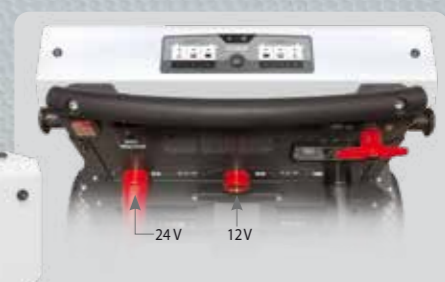
Charge external batteries 12V only

Recommended ENERGY STATION FP : 2 x 120 x 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				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	STARTPACK TRUCK/ TRUCK MOBILE	STARTPACK 12.24 CI	STARTPACK PRO 12.24 CI	STARTPACK PRO 12.24 XL	ENERGY STATION FP
		025844	025455	026322	027336	026155	027862	027077	026179	068759	027084	025448 / 026025	024991	028920	026711	069589
		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	24V	24V	24V	24V	24V
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)											3200 A (12 V)	3600 A (12 V)	6200 A (12 V)	8500 A (12 V)	
	1600 (12 V)											1600 A (24 V)	1800 A (24 V)	3100 A (24 V)	4250 A (24 V)	
		2 × 20 Ah	18 Ah	18 Ah	22 Ah	22 Ah	28 Ah	16 Ah <i>EnerSys</i>	28 Ah	28 Ah	30 Ah <i>EnerSys</i>	2 × 22 Ah	2 × 16 Ah <i>EnerSys</i>	2 × 30 Ah <i>EnerSys</i>	2 × 50 Ah <i>EXIDE TECHNOLOGIES</i>	
SPIRAL TECHNOLOGY																
		external 2 A	external 0,5 A	external 0,5 A	external 0,5 A	external 0,5 A	external 2 A	internal 2,5 A	external 2 A	external 2 A	internal 2,5 A	external 2 A	internal 4 A	internal 4 A	external 6 A	internal 30A
		IUoU	WU	WU	WU	WU	IUoU	7 step	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				
		1,8 m ø25 mm ²	0,6 m ø16 mm ²	1,1 m ø25 mm ²	0,6 m ø16 mm ²	1,1 m ø25 mm ²	1,3 m ø25 mm ²	1,4 m ø25 mm ²	1,3 m ø25 mm ²	1,8 m ø25 mm ²	1,8 m ø35 mm ²	2 m ø50 mm ²	2 m ø70 mm ²			2,5 m ø50 mm ²
		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 +



OFF
After each use
Après chaque utilisation
Nach jeder Anwendung

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

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.

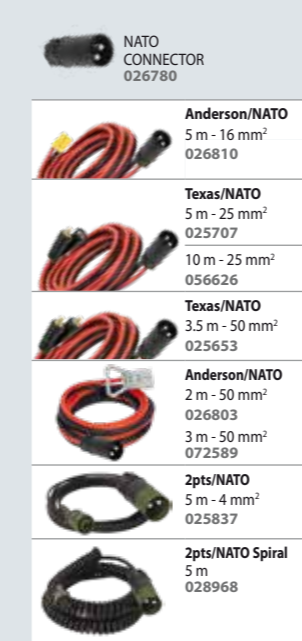
OPGELET BUITEN GEBRUIK
Laat de lader onafgebroken aangesloten.



NATO / OTAN : COMPATIBLE PRODUCTS
- Produits compatibles - Kompatible Produkte



NATO ID / NCAGE : F8154 CG730



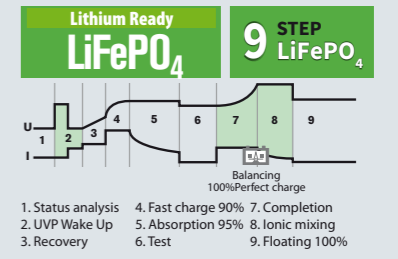
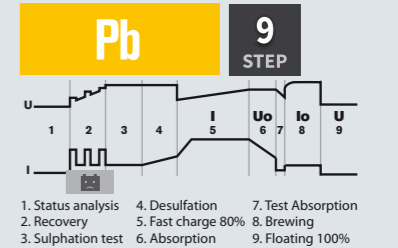
	GYSFLASH 30.12, 50.12 FV 100.12, 101.12 CNT 30.24, 50.24 102.12, 32-12PL	GYSFLASH 101.24 CNT FV 121.12 CNT FV	GYSFLASH 123.12 CNT FV 103.24 CNT FV 107.24 CNT FV	GYSFLASH 53.48 CNT FV	GYSFLASH 15.24 XTREM	STARTIUM 980E	STARTPACK PRO 12.24 XL
NATO CONNECTOR 026780							
Anderson/NATO 5 m - 16 mm ² 026810	✓	—	—	✓	—	—	—
Texas/NATO 5 m - 25 mm ² 025707	—	✓	✓	—	—	—	—
Texas/NATO 10 m - 25 mm ² 056626	—	—	—	—	—	—	—
Texas/NATO 3.5 m - 50 mm ² 025653	—	—	—	—	—	✓	—
Anderson/NATO 2 m - 50 mm ² 026803	—	—	—	—	—	—	✓
Anderson/NATO 3 m - 50 mm ² 072589	—	—	—	—	—	—	—
2pts/NATO 5 m - 4 mm ² 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	BATIUM 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
	GYSFLASH 51.12	liquid 130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
	GYSFLASH 101.24	liquid 390 Ah	470 Ah	550 Ah	630 Ah	720 Ah	820 Ah	930 Ah	1050 Ah	1200 Ah	100 A
	GYSFLASH 103.24 GYSFLASH 107.24	gel —	—	500 Ah	560 Ah	630 Ah	700 Ah	760 Ah	830 Ah	900 Ah	100 A
36 / 48 V	GYSFLASH 25.48	liquid 130 Ah	150 Ah	180 Ah	210 Ah	240 Ah	270 Ah	310 Ah	350 Ah	390 Ah	25 A
	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 mm ² 025721
100 A		Cables REMA 160A/Texas 5 m - 25 mm ² 025714
15 A		Cables REMA 160A/Anderson 5 m - 16 mm ² 069091
50 A		Cables Anderson 175A/Anderson 5 m - 16 mm ² 069107

NATO COMPATIBILITY



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

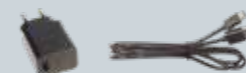
12 / 24 V

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



	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	OBD
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

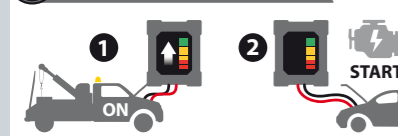
Recommendation	Motorcycle	Car	Van	Truck	Bus	Tractor	Excavator	Trailer	Truck	Bus	Truck
NP 300	5 > 70 Ah										
NP 400	5 > 90 Ah										
NP 500	5 > 120 Ah										
NP 700	5 > 140 Ah										
NP PRO TRUCK	5 > 140 Ah										
NP PRO 12XL	5 > 180 Ah										
NP PRO 24XL	> 240 Ah										

Max capability (minimum charge needed)

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



- 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>GYSFLASH 4.12 p.6 029422 F5 / Cigarette lighter p.16 029439</p> <p>GYSFLASH 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					
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 • SICHTUNG DES SPEICHERS

Traditional Pb battery **INSIDE**

GYSPACK OBD
054998
055001



INSIDE	MEMORY SAVER		25 × 18 × 25 cm	3 kg
	Pb 12V - 7 Ah	OBD < 4 A		



OFF
After each use -
Après chaque utilisation - Nach jeder Anwendung

Lithium battery **INSIDE**

NOMAD OBD MEMORY SAVER **NEW** 10/2024
085480

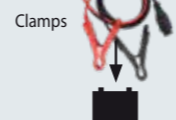


Ultra light & Compact

FULL PROTECTION



2 possibilities



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

Connected to booster

CABLE OBD
- Câble OBD - Kabel für OBD
054202



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



BTW 6V/12V
6/12 V 7 > 240 Ah
077355

TESTERS DIGITAL



BT 001
12 V 7 > 230 Ah
056640



NBT 100
12 V 20 > 150 Ah
024151

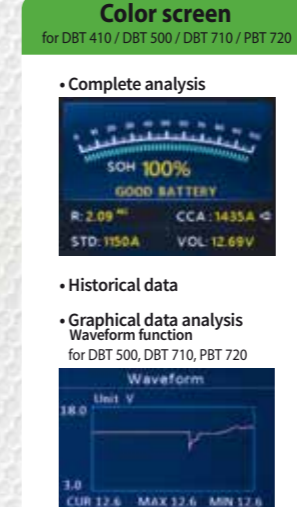
NBT 200
12 V 20 > 150 Ah
024168



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



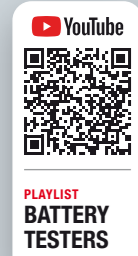
DBT 500
6/12 V 7 > 240 Ah
ALTERNATOR 6/12/24 V
083585



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



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							
TBP 100	6-12 V	20 > 100 Ah	•	12V	5/10s	15 min	—	1.5	16x1.8x30	30.7x17.2x10.3 / 1.5	
TBP 500	12 V	10 > 160 Ah	•	12V	15s	15 min	—	3.75	27x26x13	31x28.6x18.2 / 3.8	
BTW 6V/12V	6-12 V	7 > 240 Ah	—	min 4.5V	1s	instant	•	0.11	11x3x2	7.5x4.5x16.4 / 0.16	
BT 001	12 V	7 > 230 Ah	—	12V	LED	1s	instant	—	0.29	3x12x1.5	24.2x11.8x2.4 / 0.29
NBT 100	12 V	20 > 150 Ah	•	min 7V	—	—	—	0.25	7x1.5x12	5x18x25.8 / 0.3	
NBT 200	12 V	20 > 150 Ah	•	min 7V	12V	—	—	0.25	7x1.5x12	5x18x25.8 / 0.3	
DBT 300	12 V	4 > 150 Ah	•	min 4.5V	12V	—	—	0.25	12x7.9x22.7	5x18x25.8 / 0.3	
DBT 350	12 V	7 > 240 Ah	•	min 8V	12 V	—	—	0.8	9.6x3x13.8	6.5x10.5x21 / 0.35	
DBT 410	6-12 V	7 > 240 Ah	•	min 5V	6 / 12V	—	—	0.24	8x1.8x13.4	4.2x8.5x15	
DBT 500	6-12 V	7 > 240 Ah	•	min 5V	6 / 12V	—	—	0.3	8x2x14	5x18.5x18.5 / 0.44	
DBT 710	6-12 V	7 > 240 Ah	•	min 3V	12 / 24V	—	—	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	6/12 V	20 > 100 Ah	•	—	—	—	—
TBP 500	12 V	10 > 160 Ah	•	—	—	—	0 > 1000 A
BTW 6V/12V	6/12 V	7 > 240 Ah	•	•	•	•	10 > 2000 A
BT 001	12 V	7 > 230 Ah	•	•	•	•	—
NBT 100	12 V	20 > 150 Ah	•	—	—	—	200 > 1200 A
NBT 200	12 V	20 > 150 Ah	•	—	—	—	200 > 1200 A
DBT 300	12 V	4 > 150 Ah	•	—	•	•	40 > 1200 A
DBT 350	12 V	7 > 240 Ah	•	•	•	•	40 > 2000 A
DBT 410	6/12 V	7 > 240 Ah	•	•	•	•	10 > 2000 A
DBT 500	6/12 V	7 > 240 Ah	•	•	•	•	100 > 2000 A
DBT 710	6/12 V	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



PBT 600

12 V 30 > 220 Ah

START STOP ALTERNATOR 12/24 V



PBT 700

12 V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V



PRINTER • 6/12 V

PBT 720

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 6/12/24 V



PBT 812

6/12 V 7 > 240 Ah

START STOP ALTERNATOR 12 V



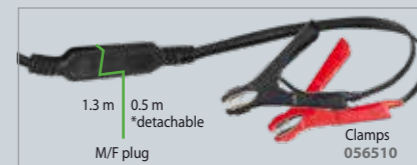
PBT 824

6/12/24(2X12)V 7 > 240 Ah

START STOP ALTERNATOR 12/24 V



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

Model	Voltage	Capacity	TEST		PRINT PAPER	DIGITAL	RESULT	TEMPERATURE COMPENSATION	Weight	Dimensions	Volume
			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

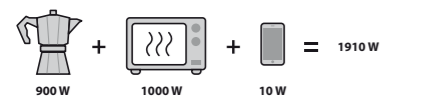
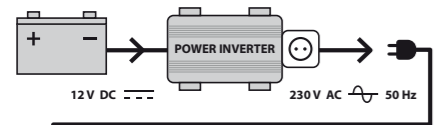
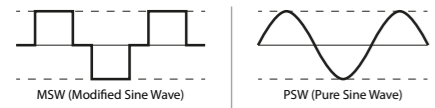
Model	Battery/Batteries/Ladegeräte	Alternator Circuit/Circuit alternateur/Lichtmaschinenkreis	PRINT PAPER	LIQUID	START/STOP ENGINE	EFB	AGM VRLA/GEL	Truck	Van	Car	Motorcycle	Current CCA SAE
PBT 550	12V	•	•	•	•	•	•					30 > 220 Ah
PBT 600	12V	•	•	•	•	•	•					100 > 2000 A
PBT 700	12V	•	•	•	•	•	•	7 > 240 Ah				40 > 2000 A
PBT 720	6V 12V	•	•	•	•	•	•					7 > 240 Ah
PBT 812	6V 12V	•	•	•	•	•	•					10 > 2000 A
PBT 824	6V 12V 24V (2X12)	•	•	•	•	•	•					7 > 240 Ah

POWER INVERTERS

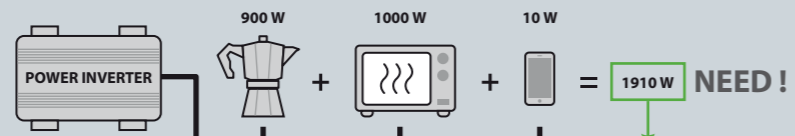
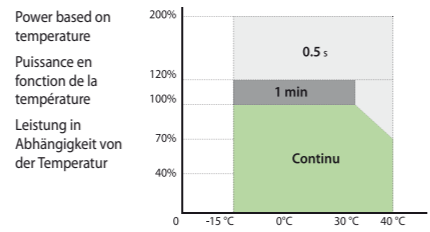
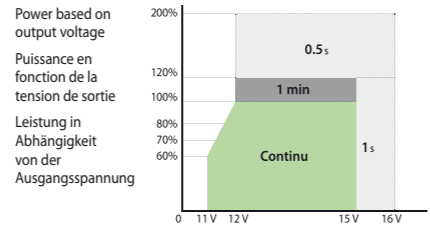
12/24 V DC > 230 V AC



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

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	Hand	Weight	Height	Dimensions
CONVERGYS 150	150W	300W	—	90,5%	12V	230V	5V - 2A	•	—	—	0,5 kg	N/A	8 × 16,5 × 24,7 / 0,45
CONVERGYS 300	300W	600W	—	85%	12V	230V	5V - 2A	•	•	—	0,95 kg	N/A	21,3 × 20 × 6,8 / 0,95
PSW 601W RC-12	600W	1200W	•	90%	12V	230V	5V - 2A	—	•	•	2,2 kg	26,5 × 17 × 7,5	31 × 22 × 12 / 2,3
PSW 1002W RC-12	1000W	2000W	•	90%	12V	230V	5V - 2A	—	•	•	4,7 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,5
PSW 1502W RC-12	1500W	3000W	•	90%	12V	230V	5V - 2A	—	•	•	5 kg	37,5 × 21 × 10	44 × 27 × 16 / 4,6
PSW 2002W RC-12	2000W	4000W	•	90%	12V	230V	5V - 2A	—	•	•	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7
MSW 82000	2000W	4000W	—	80%	24V	230V	5V - 2A	—	•	•	5,8 kg	35 × 20 × 28	45,3 × 26,8 × 16,1 / 4,9
PSW 2002W RC-24	2000W	4000W	•	90%	24V	230V	5V - 2A	—	•	•	6,25 kg	38,5 × 25 × 10	43 × 32 × 16,5 / 5,7

PSW REMOTE CONTROL



12 V CONVERGYS

CONVERGYS 150
027022



CONVERGYS 300
027053
027046



12 V PSW PURE SINE WAVE



PSW 601W RC-12
067332
067349



PSW 1002W RC-12
067356
067363



PSW 1502W RC-12
067370
067387



PSW 2002W RC-12
067394
067400

24 V MSW MODIFIED SINE WAVE



MSW 82000
027237
027244

24 V PSW PURE SINE WAVE



PSW 2002W RC-24
067417
067424

INCLUDED FOR ALL



PORTABLE ENERGY

DC/AC

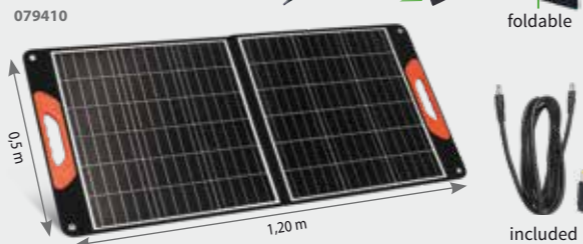


Short-circuit protection,
Over-current protection,
Over-voltage protection,
Under-voltage protection,
Over-load protection,
Temperature protection



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



079410

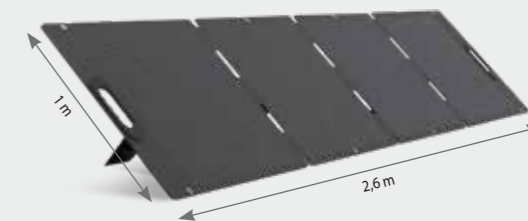
foldable

included

USAGE DURATION	50 W	100 W	250 W	500 W	1000 W	1500 W	2200 W
POWER PACK 520	8 h	4 h	1 h 40	50 min	—	—	—
POWER PACK 1300	20 h	10 h	4 h	2h	1 h	—	—
POWER PACK 14.22	22 h	11 h	4 h 30	2 h 15	1 h 05	45 min	30 min
POWER PACK 14.15 FC	22 h	11 h	4 h 30	2 h 15	1 h 05	45 min	—

OPTIONS

Solar panel for Power pack 14.15 FC
079403
monocrystalline - ETFE quality
48V - 220 W max
OUTPUT : MC4



NEW
12 2024

Power batt 14 External battery

for Power pack 14.15 FC
085213
1408 Wh - LiFePO4
↓ 42 x 30 x 25.5 cm / ▲ 12.8 kg



NEW
12 2024



1408 Wh + 1408 Wh = 2816 Wh
Using time (x2) included

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



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



POWER PACK 520

518 Wh 20 Ah

027961

POWER PACK 1300

1280 Wh 50 Ah

071988



NEW
10 2024

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



POWER PACK 14.22

1408 Wh 55 Ah

085206



NEW
10 2024

FAST CHARGE
100% in 60min



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	230 V / 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	Light	Other	Other	Other	Other
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

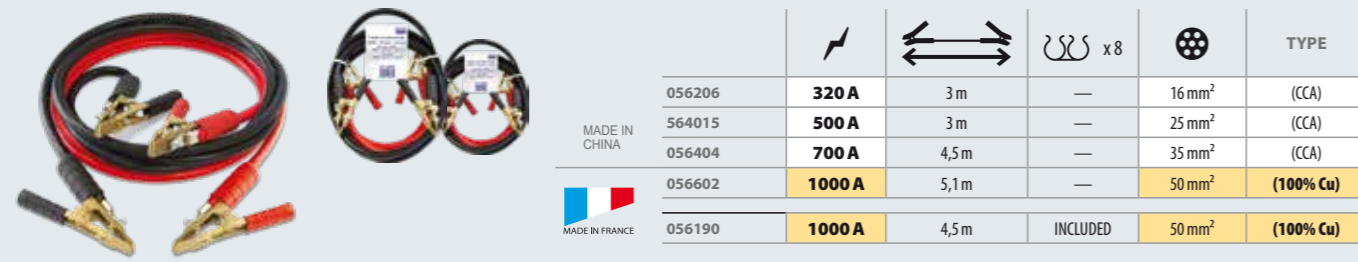
DIN 72553

	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 isolées - Messingklemmen, nicht isoliert - Pinzas de latón, no aisladas - Morsetti in ottone non isolati

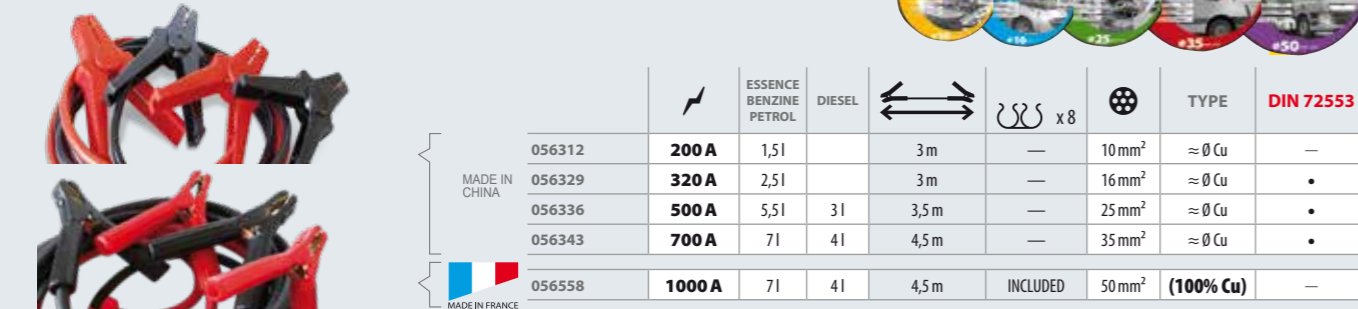


MADE IN CHINA

	Length	Cross-section	TYPE
056206	320 A	3 m	16 mm ² (CCA)
564015	500 A	3 m	25 mm ² (CCA)
056404	700 A	4,5 m	35 mm ² (CCA)
056602	1000 A	5,1 m	50 mm ² (100% Cu)
056190	1000 A	4,5 m	INCLUDED 50 mm ² (100% Cu)

PRO INSULATED CLAMPS

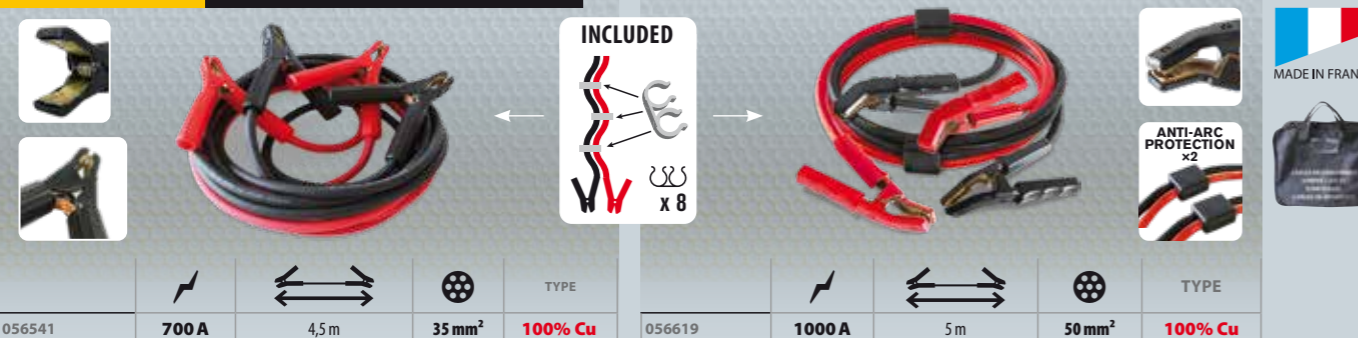
INSULATED CLAMPS - Pincas isolées - Isolierte klemmen - Pinzas aisladas - Morsetti isolate



MADE IN CHINA

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

SUPER PRO INSULATED CLAMPS



INCLUDED

ANTI-ARC PROTECTION x2

MADE IN FRANCE

	Length	Cross-section	TYPE
056541	700 A	4,5 m	35 mm ² 100% Cu
056619	1000 A	5 m	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	—	•		

OPTION

↓.21 × 43 ×
57 cm
060432



ACCESSORIES



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

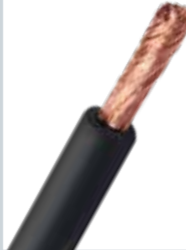
CABLES EN 60245-6/H01N2-D (Rubber - Caoutchouc)

EN 60974-9



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

HIGH FLEXIBILITY ELECTRICAL CABLES



⊘	↔ L	A (60%)	A (35%)		
10 mm ²	100 m	054882	054875	88	92
	20 m	056107	056091		
16 mm ²	100 m	054905	054899	120	130
	20 m	056121	056114		
25 mm ²	100 m	054929	054912	164	184
	20 m	056145	056138		
35 mm ²	100 m	054943	054936	210	240
	20 m	056169	056162		
50 mm ²	100 m	054967	054950	273	320
	20 m	056193	056186		
70 mm ²	100 m	054981	054974	310	380
	20 m	056217	056210		

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 ⊖ x25 054387

CABLE LUGS - Cosses - Terminal Kabelschuhe - Kabelschuhe

	16 mm ² M10 x10 038219		75 mm ² M16 x10 038257		25 mm ² M5 x100 047525		10 mm ² M16 x100 047501
	25 mm ² M10 x10 038226		125 mm ² M15 x5 038264		35 mm ² M6 x100 047532		16 mm ² M15 x100 047518
	35 mm ² M14 x10 038233				50 mm ² M10 x100 047549		70 mm ² M10 x100 047556
	50 mm ² M14 x10 038240						95 mm ² M10 x50 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

BATTERY TERMINAL CLEANING BRUSH



QUICK CONNECTORS



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		M5 50A 054622			
														M6 40A 071599		M6 125A 054585		M6 150A 054639

Anti-arc protection 041318



Adjustable battery carrier 058354



Acidimeter (PH Meter) 054103



SOLAR POWERED CHARGER WITH ACCESSORIES

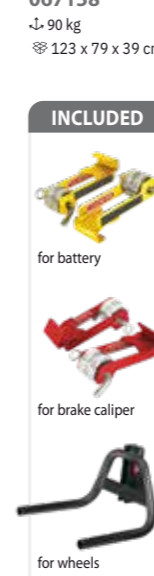


BATTERY LIFT

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



MULTITOOL TRUCK 067158
↓ 90 kg ⊗ 123 x 79 x 39 cm / 95 kg



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
▲ 2.3 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

279 mm
146 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

304 mm
162 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

120 lumens

060852

WORKLIGHT WITH TRIPOD - Projecteur sur trépied - Arbeitsleuchte mit Standfuß

TRIPOD LAMP 1800 L
1800 lumens

3x 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

3x 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 FAST CHARGE IUoU	✓	✓	✓	✓	✓	-	✓	✓
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

FA1 FA2 SB1

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

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



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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