

GYSFLASH PRO

BATTERY SUPPORT UNITS



French manufacturer since 1964



The role of a vehicle's battery is no longer limited to just starting it. It supplies all the electrical and electronic components that are commonplace in today's modern vehicles.

A Battery Support Unit (BSU: Battery Support Unit) is quickly becoming an essential solution to supply the energy required for all 'ignition on/engine off' operations, whether during maintenance procedures, such as electronic diagnostics, reprogramming or when displaying vehicles in a showroom.

Selected by many automotive professionals for their power and precision, the wide range of GYSFLASH PRO devices offers these features in a variety of configurations to suit every user profile.

1. There are huge challenges facing battery maintenance in modern workshops.

Maintaining a modern vehicle in the workshop involves two actions that have a significant impact on the battery:

- Diagnostic phase. This can often slow down repairs and take a long time (several minutes/hours).
- Reprogramming numerous computers. These two ignition-on/engine-off actions consume energy and, therefore, require a BSU.

Diagnostic work with a BSU allows the user to:

- Respect the manufacturer's recommendations
- Carry out a fault-free update of the vehicle's computer system
- Maintain all of the vehicle's electrical systems at a stable voltage, regardless of which part of the vehicle is being tested.

The GYSFLASH PRO, capable of supplying a continuous Amperage of 100A -150A (depending on the model), is essential to keep a vehicle's battery at a perfectly stabilised voltage during the diagnostic phases, such as computer reprogramming, ADAS calibration or GPS map updates, etc.

Reprogramming	Operating time	Consumption (A)	
		Average	Peak
Engine Control Unit (ECU)	30 - 60 min	30 - 50 A	70 - 80 A
HDI ECU	30 - 60 min	60 A	100 A
Gearbox ECU	30 - 60 min	20 - 40 A	60 - 70 A
Controlling and adjusting the lights	30 - 60 min	10 A	25 A
Adjusting the ADAS system	30 - 60 min	20 A	40 A
Manufacturer's update	35 - 40 min	15 - 35 A	60 A
Updating the map	45 min (European version)	15 A	40 A

2. In automotive showrooms, it is vital to have fully operational vehicles.

Exhibiting different car models, especially in dealerships, allows customers to imagine themselves in their potential new purchase. The alternator is unable to act as a source of power when the engine is switched off. Simply leaving the headlights on will severely drain the battery.

A GYSFLASH PRO battery support unit will slip easily and discreetly under the vehicle. It will compensate for all the vehicle's electrical needs without having to worry about battery consumption, it will also prevent the vehicle from going into Eco mode

Selection guide

A complete range tailored to each and every application.



Gysflash Pro

horizontal

PNL	50 / 60 Hz	m	mm ³	Lead	LFP Li-ion	Traction	6 V	12 V	24 V	36 V	48 V	Load current (I _{max})														
												10	20	30	40	50	60	70	80	90	100	110	120	150		
GYSFLASH 30.12	029224	230 V	2.5	6	•	•			•			6V														
GYSFLASH 50.12 IV	026056	110 / 230 V	2.5	10	•	•			•			6V, 12V														
GYSFLASH 100.12	029071	230 V	2.5	16	•	•			•			6V, 12V, 24V														
	029415		5									6V, 12V, 24V														
GYSFLASH 30.24	029231	230 V	2.5	6	•	•	•	•	•	•		6V, 12V, 24V														
GYSFLASH 50.24	029095	230 V	2.5	10	•	•	•	•	•	•		6V, 12V, 24V														
	029620		5	16								6V, 12V, 24V														



vertical

GYSFLASH 32.12 PL	027381	230 V	2.5	6	•	•			•			6V														
GYSFLASH 102.12	029606	230 V	5	16	•				•			6V, 12V, 24V														



Gysflash Pro CNT

horizontal

GYSFLASH 51.12 CNT IV	068179	110 / 230 V	2.5	10	•	•	•	•				6V, 12V														
GYSFLASH 101.12 CNT	025790	230 V	2.5	16	•	•	•	•				6V, 12V														
	026988		5									6V, 12V														
GYSFLASH 121.12 CNT IV	026971	110 / 230 V	5	25	•	•	•	•				6V, 12V, 24V														
GYSFLASH 125.12 CNT IV	028883	110 / 230 V	5	25	•	•	•	•				6V, 12V, 24V														
GYSFLASH 101.24 CNT IV	025967	110 / 230 V	5	25	•	•	•	•	•	•		6V, 12V, 24V														
GYSFLASH 51.48 CNT IV	072015	110 / 230 V	5	25	•	•	•	•	•	•	•	6V, 12V, 24V, 36V, 48V														

vertical

GYSFLASH 103.12 CNT	072008	230 V			•	•	•	•				6V, 12V														
GYSFLASH 123.12 CNT IV	025677	110 / 230 V	5	25	•	•	•	•				6V, 12V, 24V														
GYSFLASH 103.24 CNT IV	025684	110 / 230 V	5	25	•	•	•	•	•	•		6V, 12V, 24V														
GYSFLASH 23.48 CNT	-	230 V			•	•	•	•	•	•	•	6V, 12V, 24V, 36V, 48V														
GYSFLASH 53.48 CNT IV	025998	110 / 230 V	5	25	•	•	•	•	•	•	•	6V, 12V, 24V, 36V, 48V														

manufacturers

GYSFLASH 128.12 CNT IV	069916	110 / 230 V	5	25	•	•	•	•				6V, 12V, 24V, 36V, 48V														
GYSFLASH 158.12 CNT IV	069909	110 / 230 V	5	25	•	•	•	•				6V, 12V, 24V, 36V, 48V														

COMING
SOON
in 2022

IV International coverage

Flexible Voltage (FV) technology extends the supply voltage range from 85 - 265 V. The GYSFLASH PRO and PRO CNT FV chargers can, therefore, be used on 110 V or 230 V (50 / 60 Hz) power supplies and provide a perfectly stable voltage for optimal battery charging.

Duty cycle at 100% (25°C) - 230 V

Duty cycle at 100% (40°C) - 230 V

The 'Screen Pro' display screen will indicate the light and the contrast levels. All information is instantly visible. Compatible with all different linguistic scripts, even Asian, the GYGLASH PRO CNT is preconfigured in 22 languages.



Charging capacity (Ah)											Sealing		Applications					
5	10	20	200	400	600	800	1,000	1,200	1,400	1,600	IP	SC						
											Protection class	Smart Cooling	Showroom	Diagnostic	Industry	Intra-logistics		

											IP21	•	★★	★	★	—	25.5 x 10.5 x 23 cm	4.9 kg
											IP21	•	★★★★	★★	★	—	30 x 10.5 x 29 cm	6.6 kg
											IP21	•	★★★★★	★★★★	★	—	30 x 10.5 x 29.2 cm	7.4 kg
																		8.3 kg
6/12V											IP21	•	★★	★	★	★	25.5 x 10.5 x 23 cm	4.9 kg
24V																		
6/12/24V											IP21	•	★★★★	★★	★	★★	30 x 10.5 x 29.2 cm	6.6 kg
																		7.9 kg

											IP23	•	★	★	★	—	8 x 25 x 20 cm	4.7 kg
											IP21	•	★	★★★★	★	—	12 x 34.5 x 29.5 cm	9.1 kg

											IP41	•	★★★★	★★	★★★★	★	30 x 10.5 x 29 cm	6.8 kg
											IP21	•	★★★★★	★★★★	★★★★	★	32 x 10.5 x 29.2 cm	7.5 kg
											IP20		★★★★	★★★★★	★★	★	31 x 13 x 26 cm	10.4 kg
											IP40		★★★★	★★★★★	★★★★	★	31 x 13 x 26 cm	10.9 kg
6/12/24V											IP21		★★	★★★★★	★★	★★★★	31 x 13 x 26 cm	10.6 kg
6/12/24/36/48V											IP20		★★	★★	★★★★	★★★★★	31 x 13 x 26 cm	TBD

											IP21	•	★	★★★★	★★★★	★	34.5 x 29.5 x 12 cm	TBD
											IP30		★	★★★★★	★★★★	★	34 x 25 x 15 cm	11 kg
6/12/24V											IP30		★	★★★★★	★★★★	★★★★★	34 x 25 x 15 cm	11 kg
6/12/24/36/48V											IP21	•	★	★	★★★★	★★★★★	32 x 29.2 x 10.5 cm	TBD
6/12/24/36/48V											IP30		★	★★	★★★★	★★★★★	34 x 25 x 15 cm	9.5 kg

											IP54	•	★	★★★★★	★★★★★	★	29.6 x 37.6 x 14.5 cm	TBD
											IP54	•	★	★★★★★	★★★★★	★	38 x 37.6 x 14.5 cm	13.3 kg

Smart Cooling Technology

100% dustproof

Silent

GYSFLASH PRO

Ultra-compact, these horizontal models are designed to fit underneath a car. They are extremely quiet which makes them ideal for showrooms.

The vertical models are a real asset in the workshop for maintaining batteries and can be easily mounted on any wall bracket.



Fanless technology



Wall brackets



Model	Mounting	Cable Length	Part Number
GYSFLASH 100.12	Horizontal	2.5m	029071
GYSFLASH 100.12	Horizontal	5m	029415
GYSFLASH 102.12	Vertical	5m	029606

GYSFLASH PRO CNT

Designed to maintain the most advanced batteries, they are fully internet connected and meet the latest professional automotive standards; they are even able to compensate for energy consumption during diagnostics and showroom displays

CNT technology offers automotive professionals all the connectivity and versatility that they need.

The built-in USB connection allows you to set up your GYSFLASH PRO CNT according to your own needs.

You can configure an entire fleet of chargers with just a few clicks by going directly to the GYS website, www.gys.fr, after you have done the following steps:

- Downloaded the latest software versions
- Personalised your charger according to your specific needs

Batteries can benefit from customised, advanced charging thanks to personalised charging curves; our full range of connected devices is designed for specific applications such as traceability or diagnostics.

The charger's connectivity and the associated modules allow the user to recover, save or print all the data as a report, this reflects the quality of the work carried out as well as the battery's condition.



SMC and USB ports



Model	Mounting	Cable Length	Part Number
GYSFLASH 101.12 CNT	Horizontal	2.5m	025790
	Horizontal	5m	026988
GYSFLASH 121.12 CNT FV	Horizontal	5m	026971
GYSFLASH 125.12 CNT FV	Horizontal	5m	028883
GYSFLASH 101.24 CNT FV	Horizontal	5m	025967
GYSFLASH 123.12 CNT FV	Vertical	5m	025677
GYSFLASH 103.24 CNT FV	Vertical	5m	025684