12 V LEAD/LITHIUM BATTERY

GYSFLASH 51.48 CNT FV



CHARGER

PN 072015

The GYSFLASH 51.48 CNT FV is a high-power, 50 A, INTERNET-CONNECTED charger featuring inverter technology. It maintains 6, 12, 24, 36 or 48 V, lead or lithium batteries (standard lithium ion and lithium iron phosphate) at a perfectly stabilised voltage during the diagnostic phases. It also guarantees high-quality charging for maintaining even the most advanced vehicles. Its USB connection means that it can be fully customised.

FOUR OPERATING MODES

- Charging: for 6, 12, 24, 36, 48 V, lead or lithium batteries from 10 600 Ah.
- **Diagnostics :** supports automotive batteries, up to 50 A, during the diagnostic phase in maintenance workshops.
- **Showroom :** ensures current compensation when using a demonstration vehicle's electrical equipment. It also manages the battery's optimal state of charge.
- **Testing** : monitors the battery's voltage and evaluates the starting system (starter and battery) as well as the condition of the vehicle's alternator.

100% INTERNET CONNECTED

- Add, delete or edit charging modes and profiles via the USB key.
- Import predefined configuration files perfectly tailored to the current charging tasks.
- Recover history and charging data from a USB key and analyse it in a spreadsheet.
- Connect additional modules (printer, bar-code reader, etc.) using the smart module connection (SMC).

BRILLIANT FOR CHARGING TRACTION BATTERIES

- This cutting-edge smart charger, the GYSFLASH 51.48 CNT, boasts an adjustable voltage level between 6 48 V, it perfectly maintains **all types of traction battery** (*lead or lithium*).
- **Two charging profiles** (*out of an available 12*) and **a setting configuration**, developed by our GYS engineers and which can be downloaded from our website, are specifically designed for forklift batteries, aerial work platforms and scrubber-driers, etc.

	A traction battery's charging time depends on its capacity				
	6 h	8 h	10 h	12 h	14 h
Liquid (Ah)	260	360	480	610	790
GEL (Ah)	-	260	330	400	470

DESIGNED FOR PARALLELISATION

The GYSFLASH 51.48 CNT's horizontal design facilitates parallelisation. Setting up several superimposed chargers, connected by SHM and PHM modules, **makes it one very powerful 48 V** charger (100 - 200 A).

AUTOMATIC CHARGING

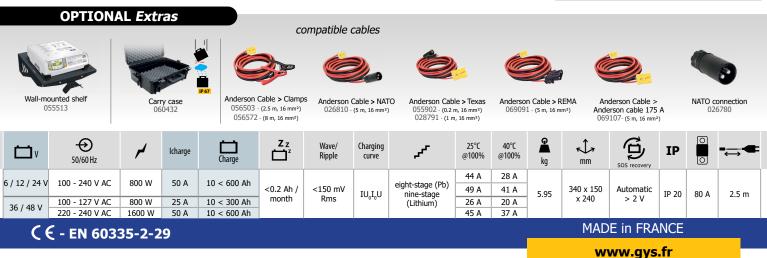
- A specialised, **eight-stage**, *lead-battery charging* curve (nine stages in traction) or a **nine-stage**, unsupervised, lithium-battery charging curve.
- 'Auto-Detect' and 'Auto-Restart' functions automate the charging process when the battery is plugged in or during power cuts.
- Recovers deeply discharged batteries (> 2 V) with its automatic SOS Recovery stage.

TECHNOLOGIES & ADVANCED FEATURES

- Flexible Voltage FV technology, the charger works with a supply voltage anywhere between 85 265 V.
- Controls and calibrates cables
- Locking prevents tampering, making it ideal for garages and exhibition centres.

ULTRA-SECURE

The GYSFLASH 51.48 CNT protects the vehicle's on-board electronics, guards against misuse and prevents the internal electronics from overheating thanks to its integrated temperature sensor.





GY5



Comes supplied with cables (5 m - 10 mm²)

51.48



Simple-to-use HMI available in 22 languages

