

The GYSCAP 12 V DC/DC is a self-sufficient starter with no internal battery. The internal supercapacitors deliver high power output for reliable and safe starting (1600 A at 1V/C). It is maintenance-free: The integrated DC/DC inverter recharges the booster from the battery of the vehicle you are jumping in just a few seconds, then automatically recharges on the same vehicle once it is running, so you can use it many times in a row.

RELIABLE STARTING

ULTRA-FAST CHARGING, ANYWHERE, WITHOUT NEEDING A POWER SUPPLY NEARBY

1 On a 12 V battery

Recharging without mains power.

The GYSCAP has a built-in DC/DC inverter capable of recharging the supercapacitors to a maximum of 50 A from the minimal residual voltage of a discharged battery. Once the engine has started, it also recharges fully automatically via the alternator.



2 min 30 max

2 From a cigarette lighter socket in a vehicle

Recharge during the time spent travelling to the location.



4 min max

9 min max

3 With a Gysflash 4.12 (029422) or 12.12 (029392)

Charging from the mains.

8 - 15 min max
depending on model



EXCELLENT STARTING PERFORMANCE

With a starting current of 1600 A, it can be used to start all types of vehicle (petrol & diesel) fitted with a 12 V - 150 Ah (max) lead acid or lithium LFP battery.

'SOS' MODE FOR A SUCCESSFUL START EVERY TIME

This mode allows a vehicle to be started even when the battery is deeply discharged.

MAXIMUM PROTECTION

- The integrated DC/DC inverter optimally manages the charging of the supercapacitors, while preserving the electrical system in the vehicle:
 - It monitors the voltage of the battery in the vehicle and adjusts the way it is charging, to ensure that the battery voltage does not fall below 8 V, thereby protecting the battery, and the data in the vehicle ECUs.
 - It regulates the energy used to recharge the supercapacitors (50 A max), to protect the alternator from overloading, without affecting the recharging time of the supercapacitors.
- The GYSCAP 12 V DC/DC is protected against polarity reversal / clamp short-circuits / undervoltage, and overvoltage. It protects all on-board electronics, the vehicle battery, the booster, and the user.

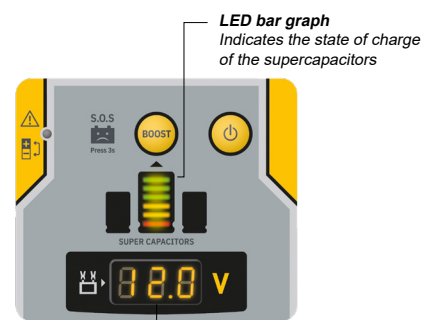
UNBEATABLE PERFORMANCE

- Always ready to go with rapid recharging.
- Thousands of starts:** start the ignition, let the booster recharge on the running engine then proceed to start as many vehicles as you like.
- Maintenance-free:** does not need to be kept charged when not in use.
- Always operational, even after years of storage.
- Unaffected by extreme temperatures (-40°C / +65°C).**
- Long service life:** it can be used 10,000 times with no loss of performance.

DESIGNED FOR ON-SITE APPLICATIONS

- Reinforced plastic case.**
- 100% copper cables, 25 mm² cross-section, 170 cm long.
- Fully insulated curved brass clamps.**
- Weights just 7.2 kg

Smart Starter Management System for an intuitive user experience



LED bar graph
Indicates the state of charge of the supercapacitors

LED display

- Accurately indicates the voltage at the clamps of the battery and alternator of the vehicle
- Assists the user with clear, intuitive messages throughout the start-up procedure.

Supplied with



1.50 m charging cable via cigarette lighter socket

Optional



Ref. 091290
USB-C to cigarette lighter cable for charging via a USB-C port

START PB /LFP					SUPERCAPACITOR CHARGING						cm	kg	mm
Farad	START	I 1V/C	I 0V/C	I PEAK BATTERY	V	⌚	⌚	⌚	⌚	OPTIONAL EXTRA			
5 x 3 000 F	12 V	1 600 A	2 700 A	10 000 A	8 - 16 V 50 A max	2 min 30 max	4.5 - 30 V 8 A max	12 V: 9 min max 24 V: 4 min max	4 A 15 min max	12 A 8 min max	35 x 44 x 19	7.2	1.7 m - 25 mm ²