

The GYSCAP TWIN START is the only product on the market capable of starting all types of vehicles: petrol, diesel, hybrid and electric. Using supercapacitor technology with an indefinite service life, it is battery-free and requires no maintenance. It starts internal combustion engines and, using its 'EV Rescue' mode, also safely reactivates hybrid and electric vehicles.

A SINGLE DEVICE TO START ALL VEHICLES

WAKES UP BOTH HYBRID AND ELECTRIC VEHICLES



In HEV, PHEV and EV vehicles, the 12 V auxiliary battery powers the on-board control units, which are used in turn to activate the high-voltage system. **When the 12 V battery is flat, the vehicle ceases to function entirely.**

EV RESCUE

EV Rescue mode delivers a regulated voltage of 14.0 V (adjustable between 12.0 and 16.0 V) and is limited to 50 A, in order to safely restore power to the 12 V system and enable the vehicle to be restarted.

STARTS PETROL AND DIESEL VEHICLES



With its extremely high power output (1,600 A when starting) the TWIN START can jump-start any petrol or diesel vehicle fitted with a 12 V lead-acid or LFP lithium battery.

'SOS' mode can help you start your vehicle even when the battery is completely flat.

UNBEATABLE PERFORMANCE

- **Ready to use in no time** with ultra-fast charging via a 12 V battery, even when flat. You can also charge it in advance using a cigarette lighter socket or USB port for an even faster response in urgent situations.
- Recharges straight after each use, **meaning you can use it again almost immediately.**
- **Maintenance-free and always ready-to-go:** no internal batteries.
- **Resistant to extreme temperatures** (-40°C to +65°C). (-40°C / +65°C).
- **Long service life:** up to 10,000 cycles without any loss of performance.

MAXIMUM PROTECTION

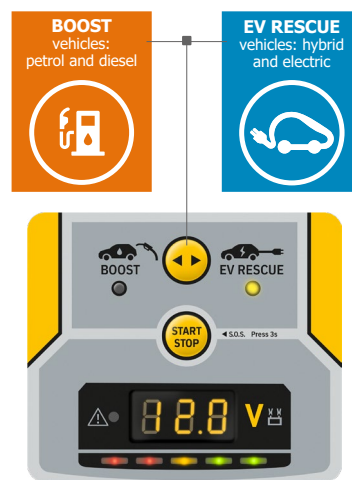
- **ECU Memory Protect:** the charging process for the booster automatically adapts to the vehicle in order to protect the battery and the data stored in the on-board computers.
- **Alternator protection:** The current draw is limited (50 A max) to protect the alternator and prevent overloading.
- **Essential protective measures:** polarity inversion, short-circuit between the clamps, undervoltage and overvoltage.

DESIGNED FOR ON-SITE APPLICATIONS

- **Reinforced plastic housing.**
- **1.70 m 100% copper cables** with 25 mm² cross-section.
- **Fully insulated brass clamps** with curved jaws.
- **Weighs just 7.2 kg**



Intuitive design



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

Farad	START	BOOST MODE			EV RESCUE MODE	RECHARGING THE TWIN START						cm	kg	mm ²
		I 1V/C	I 0V/C	I PEAK BATTERY		⚡	⚡	⌚	⌚	⌚	⌚			
5 x 3 000 F	12 V	1 600 A	2 700 A	10 000 A	12 - 16 V 50 A max	8 - 17 V 50 A max	2 min 30	4.5 - 30 V 8 A max	12 V: 9 min 24 V: 4 min	15 W 67 W	1 h 15 45 min	28 x 42 x 19	7.2	1.70 m 25 mm ²