

French manufacturer
since 1964

gys-welding.com



**Supercapacitor
technology inside!**

Designed



& made in France

GYSCAP 680E

The most powerful booster
on the market!



GYSCAP 680E

The booster reinvents jump starting !



The GYSCAP 680E brings a new starting solution for vehicles equipped with 12V batteries.

With advanced super capacitors instead of a conventional battery GYSCAP offers extra functionality.

Designed



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Unlimited number of starts



Due to its efficient electronics, the GYSCAP 680E can operate thousands of starts in a row.

The supercapacitors offer unlimited power storage

Battery-less booster, the power of the GYSCAP 680E is supplied by the supercapacitors. With a total capacity of 680 farads, it can deliver a starting current of 1600A and a peak current of 9000A. The supercapacitors are an unlimited source of power, which can operate 1,000,000 cycles. It can ensure thousands of starts without any impact on the performance. The GYSCAP 680E has also a SOS mode for deeply discharged batteries.

No charge storage



It can be stored in any position, at any temperature (-40°C / +65°C) for years and it does not need any maintenance.

A reliable technology

Already implemented in many different fields (i.e. Start & Stop systems) the supercapacitor technology offers many advantages: It has a huge longevity due to its ability to deliver up to 1,000,000 of charge/discharge cycles. This technology is not sensitive to very low temperatures, it can work in difficult weather conditions.

Lightweight (only 8.2 kg), the GYSCAP 680E represents an interesting alternative to traditional boosters.

Fast charge



The device is fully charged in 1 min through the jump start cables.



It will take around 10 minutes to finish the charge through the cigarette lighter socket.

A fully autonomous device

The GYSCAP 680E does not need to be connected to the mains to charge. It will be fully charged again by leaving it connected to a battery in a vehicle. The operation takes only a few seconds after the vehicle has started.

Very convenient for charging without connecting the clamps on the battery terminals, the GYSCAP 680E has an adaptor which can be plugged to the cigarette lighter socket while the engine is on.



Suitable for any type of vehicle equipped with 12V battery (motorcycles, cars, trucks...).



Full protection of the on-board electronics for total safety.



SOS mode for deeply discharged batteries.

Optimal protection

Equipped with the SMART STARTER MANAGEMENT SYSTEM feature, it improves performances and can be used safely. The user, the vehicle, the battery and the product itself are well protected against any misuse.

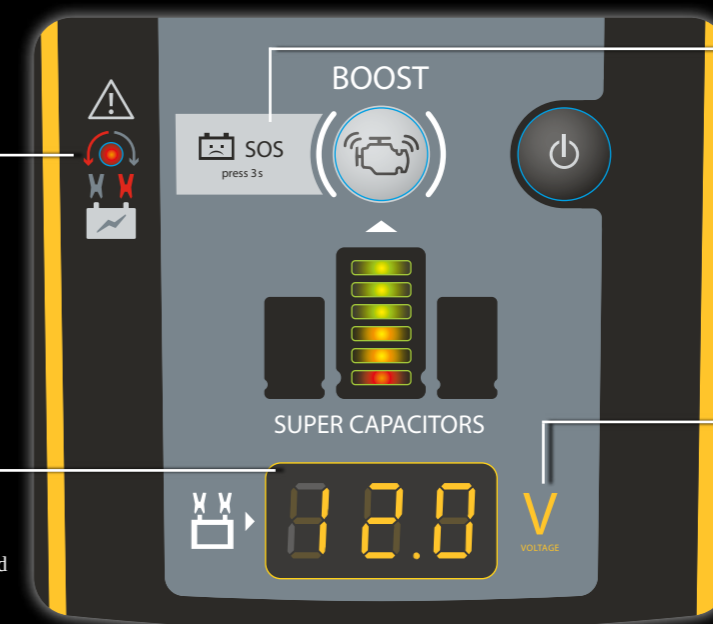


Safe

The device automatically detects any operating fault and alerts the user (protection against short circuits, polarity reversal and wrong voltage selection).

Digital

The digital display shows the capacitors charge as well as the vehicle battery state of charge and alternator.



Powerful

The SOS feature also works for deeply discharged batteries.

Voltmeter

The voltmeter function indicates the alternator voltage or the battery voltage of the vehicle to start, as well as the voltage of the GYSCAP 680E



A thought-out design

Designed with a reinforced plastic case, the GYSCAP 680E is very robust. It can be used in very rough environments (rain, snow, mud).

The GYSCAP 680E is delivered with 100% copper cables, 1.70m length and brass clamps fully insulated and curved for an easy use. These features make the access to the battery terminals easier.



Resistant to mud, rain and snow.



Insensitive to extreme condition (-40°C / +65°C).



Ideal for site use, reinforced plastic casing.

Features

Start current	1 600 A
Peak current	9 000 A
START	12V GASOLINE & DIESEL
	680 Farads
CHARGE	12 V
	120 s
	12 V / 10 A
	15 min
Cables length / cross section	170 cm / 25 mm ²
	35 x 44 x 19 cm
	8.2 kg



GYSCAP 680E
Part number: 026773
**Download
the datasheet**

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