

## Technical Sheet

# PROPULSTATION® 12V PORTABLE



### Explanation of Amps

#### Cranking amps (CA)

This is the power (amperage) supplied by the Booster's battery at the clamps during a 10 second start at room temperature (18-20°C).

#### Peak Amps (PA)

This is the power (amperage) supplied by the Booster's battery during a short-circuit at a fraction of a second.

### Points of Interest

The PROPULSTATION®, used in accordance with the instruction manual, is perfectly safe for the onboard electronics of your vehicle.

The PROPULSTATION® is also perfectly compatible with hybrid vehicles.

### Technical & logistic specifications

	PPS 12V 1200CA
Part No. - Booster	520003
Voltage (DC)	12V
Cranking amps (CA)	1200 A
Peak amps (PA)	3100 A
Number of batteries	1
Starting cable length	1.55 m
Radaflex® Welding cable size	50 mm <sup>2</sup>
Type of clamps	850 A
Length of the clamps	215 mm
Opening of the clamps	54 mm
12V Outlet	16 A
Reverse polarity system	●
Internal fuse on the battery	300 A
Net weight Booster	14.3 kg
Dimensions Booster (cm)	45 x 12.5 x 35
Dimensions of the packing box (cm)	45 x 17.5 x 51
<b>Part No. - Workshop station</b>	
With an automatic electronic charger	AC12
Weight	1.3 A
Dimensions (cm)	2.5 kg
	35 x 15 x 32
<b>Part No. - Vehicle station</b>	
With a cable and one-way diode	DC12
Weight	5 m
Dimensions (cm)	1.55 kg
	35 x 15 x 32



**Legend**    ✓ yes    ✗ no    ● option    ● on demand

### Recommended Boosters for professional uses



Power - HP	< 125	150	175	250	300	350	500
PPS 12V - 800CA	■ ■	■ ■ ■	■	■			
PPS 12V - 1200CA	■ ■ ■	■ ■ ■ ■	■ ■ ■	■ ■ ■	■	■	

### Legend

- Intensive
- Normal

### Caution

The conditions when starting a vehicle can vary the results, such as: vehicle's condition, engine type (petrol or diesel) and power, presence of battery in vehicle or not, temperature, frequency of use ... These conditions can all influence the jump start's efficiency.

Chart for your information - Manufacturer's advice.

Our AGM **batteries** with pure lead are extremely efficient thanks to their ability to deliver energy at high amperage almost instantaneously (cranking amps is what is required to make the vehicle start).

Spare part's reference: ■ battery 800A: **862760**  
■ battery 1200A: **862120**

The **internal fuse** protects the batteries against short-circuits.

Spare part's reference: **862005**



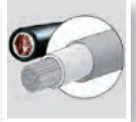
The single-piece moulded **case** in 5mm thick polyethylene is unbreakable, with a lifetime warranty, and ensures excellent resistance to shocks and everyday use.

The 2-pin **charging plug** is made up of the most robust industrial connections on the market. It ensures the perfect placement of the Booster in its station and a perfect recharge of its battery.

Spare part's reference: **812730**

**Starting cables** (double insulated) with an optimal length and extreme flexibility benefit from a high conductivity as well as a perfect shape resistant to frequent handling.

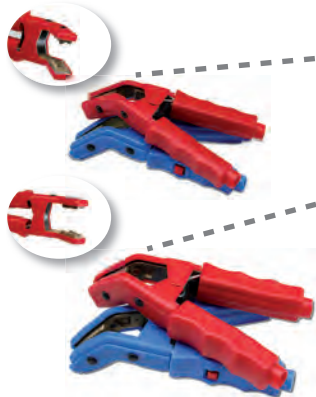
They allow the user to leave the Booster on the ground while starting the vehicle.



An accurate and illuminated **voltmeter** indicates the charging level of the Booster, the functioning of the charger as well as the health of the alternator of the vehicle.

Spare part's reference:

■ voltmeter: **812003**  
■ push button: **832002**



**Clamps 650A**

Part No:  
■ red: **812702**  
■ blue: **812703**

**Clamps 850A**

Part No:  
■ red: **862703**  
■ blue: **862704**

The **Clamps** have been designed ergonomically with curved jaws with an extra wide opening, as well as optimised security and performance. They are entirely insulated and fitted with a copper bridge which ensures the diffusion of the current on both bronze jaws.

The blue clamp is equipped with an LED lamp for easier and safer use, especially in the dark.



**Options**

Part No.	Description	PPS 12V	
		800CA	1200CA
860019	'Switch & Buzzer'	●	●
860012A	External Air compressor USA 12V 8.3 bar	●	●
860014	Auxiliary red connector built on the Booster	●	●
860055	Easy Grip 0.5m cable with moto clamp and F600 clamp	●	●
860056	Easy Grip 0.5m cable with 650A clamp and F600 clamp	●	●

**Legend**

- Available
- Not recommended
- Not available



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