

# TECHNICAL SHEET

## PROPULSTATION® MOBILE 12/24V



### How to speak about power

#### Cranking amps (CA)

This is the power (amperage) supplied by the Booster's battery during a start of 10 seconds 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 second's fraction.

### Good to know

The **PROPULSTATION®**, used in accordance with the instruction manual, are perfectly safe for the on board electronics of your vehicle.

The **PROPULSTATION®** are perfectly compatible with hybrid vehicles.

### Technical & logistic specifications

	PPS 12/24V 3200/1600CA	PPS 12/24V 6400/3200CA
<b>Reference Booster</b>	560000	560002
Voltage (DC)	12/24V	12/24V
Cranking amps (CA)	3200/1600 A	6400/3200 A
Peak amps (PA)	7750/3875 A	15550/7750 A
Number of batteries	2	4
Starting cable length	2,10 m	2,10 m
Radaflex® Welding cable size	70 mm <sup>2</sup>	70 mm <sup>2</sup>
Type of clamps	850 A	850 A
Length of the clamps	215 mm	215 mm
Opening of the clamps	54 mm	54 mm
12V Outlet	✗	✗
Reverse polarity system	✓	✓
Power fuse	500 A	500 A
Auxiliary connector for cables	●	●
Net weight Booster	69 kg	82,5 kg
Dimensions Booster (cm)	50 x 54 x 110	50 x 54 x 110
Dimensions of the packing box (cm)	52 x 55 x 115	52 x 55 x 115
<b>Reference - Workshop station AC</b>	<b>ACM</b>	<b>ACM</b>
With an automatic electronic charger	7 A	7 A
Weight	2 kg	2 kg
Dimensions (cm)	28 x 11 x 13	28 x 11 x 13
<b>Reference - Vehicle station DC</b>	<b>DCM</b>	<b>DCM</b>
With a cable and one-way diode	5 m	5 m
Weight	1,75 kg	1,75 kg
Dimensions (cm)	28 x 10 x 13	28 x 10 x 13

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

### Recommended Boosters for professional uses



Power - HP	12V Applications							24V Applications				
	< 125	150	175	250	300	350	500	100	250	500	1000	1500
PPS 12/24V - 3200/1600CA	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■
PPS 12/24V - 6400/3200CA	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■

**Legend**  
■ ■ Intensive  
■ Normal

### Caution

The circumstances/conditions when starting a vehicle depend of various parameters: vehicle's condition, engine type (petrol or diesel) and power, presence of battery in vehicle or not, temperature, frequency of use ... Those influence the jump start's facility.

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:
- PPS 12/24V-3200/1600CA: **862520**
  - PPS 12/24V-6400/3200CA: **862160**

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

- Spare part's reference: **862006**
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The single-piece moulded **case** in polyethylene of 5 mm, unbreakable (life time warranty), assures excellent resistance to shocks and everyday uses.

The 5-pin **connector** ensures a simultaneous and optimal recharge of your Booster's batteries and makes the storing of the Booster easier thanks to two powerful magnets.

- Spare part's reference: **522603**



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



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

- Spare part's reference:
- voltmeter: **812003**
  - push button: **832002**



**Good to know**

The **voltage selector**, to select either 12V or 24V voltage, is made up of the most robust industrial connectors on the market.

The selector also serves as circuit breaker. It is accompanied with a buzzer indicating any reverse polarity. This allows to connect the clamps safely before applying voltage to the Booster.

The **clamps** have been developed for their handy aspect, curved jaws with wide opening, as well as an optimization of security and performance, they are entirely insulated and fitted with a copper bridge which insures the diffusion of the current on both bronze jaws.

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

- Spare part's reference:
- red clamp: **862703**
  - blue clamp: **862704**



**Options**

Reference	Description
<b>860022</b>	Auxiliary grey connector built on the Booster
<b>860055</b>	Easy Grip cable 0,5m with moto clamp and clamp F600
<b>860056</b>	Easy Grip cable 0,5m with clamp 650A and clamp F600

	PPS 12/24V 3200/1600CA	PPS 12/24V 6400/3200CA
	●	●
	●	●
	●	●

- Legend**
- Available
  - Not recommended
  - Not available

