

TECHNICAL SHEET

PROPULSTATION® 12/24V & 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 2400/1200CA	PPS 24V 1200CA
Reference Booster	520008	520005
Voltage (DC)	12/24V	24V
Cranking amps (CA)	2400/1200 A	1200 A
Peak amps (PA)	6200/3100 A	3100 A
Number of batteries	2	2
Starting cable length	1,35 m	1,35 m
Radaflex® Welding cable size	50 mm ²	50 mm ²
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	✓	✓
Internal fuse on the battery	500 A	500 A
Auxiliary connector for cables	●	✓
Net weight Booster	24,8 kg	24,8 kg
Dimensions Booster (cm)	53 x 16 x 48	53 x 16 x 48
Dimensions of the packing box (cm)	56 x 19 x 61	56 x 19 x 61



	AC1224	AC1224
Reference - Workshop station		
With an automatic electronic charger	3,6 A	3,6 A
Weight	3,8 kg	3,8 kg
Dimensions (cm)	51 x 19 x 42	51 x 19 x 42
Reference - Vehicle station		
With a cable and one-way diode	5 m	5 m
Weight	3,7 kg	3,7 kg
Dimensions (cm)	51 x 19 x 42	51 x 19 x 42

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 - 2400/1200CA	■	■	■	■	■	■	■	■	■	■	■	■
PPS 24V - 1200CA								■	■	■	■	■

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.

www.cetor.com



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: **862120**

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

Spare part's reference: **862006**



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 **contactor** 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. 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 good functioning of the alternator of the vehicle.

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



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**



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.

Options

Reference	Description	PPS 12/24V 2400/1200CA	PPS 24V 1200CA
860021	Double wrap cable of 2,25m instead of 1,35m	●	●
860014	Auxiliary red connector built on the Booster	●	✓
860055	Easy Grip cable 0,5m with moto clamp and clamp F600	●	●
860056	Easy Grip cable 0,5m with clamp 650A and clamp F600	●	●

Legend

- Available
- Not recommended
- Not available
- ✓ Standard

