ENGLISH

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
Reference Booster	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 mm²	70 mm²
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

Reference - **Workshop station AC**	ACM	ACM
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

Reference - **Vehicle station DC**	DCM	DCM
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.

Schumacher DRIVEN BY Enerdrive DRIVING YOUR ENERGY NEEDS

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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

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

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.

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

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 3200/1600CA	PPS 12/24V 6400/3200CA
860022	Auxiliary grey 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