# 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 mm² | 50 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 | 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 |
| Reference - **Workshop station** | AC1224 | AC1224 |
| With an automatic electronic charger | 4 A | 4 A |
| Weight | 3,8 kg | 3,8 kg |
| Dimensions (cm) | 51 x 19 x 42 | 51 x 19 x 42 |
| Reference - **Vehicle station** | DC1224 | DC1224 |
| 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

| | 12V Applications | | | | | | | 24V Applications | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Power - HP | < 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.

Schumacher DRIVEN BY Enerdrive DRIVING YOUR ENERGY NEEDS

Unit 11, 1029 Manly Road, Tingalpa, 4173 | Ph: 1300 851 535 | Email: sales@enerdrive.com.au | Web: www.enerdrive.com.au

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.

**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.

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** 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