

TECHNICAL SHEET

SOS 12V PORTABLE



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 SOS Booster, used in accordance with the instruction manual, are perfectly safe for the on board electronics of your vehicle.

The SOS Booster are perfectly compatible with hybrid vehicles.

Technical & logistic specifications

	SOS 12V 1200CA	SOS 12V 1600CA
Reference	860003	861007
Voltage (DC)	12V	12V
Cranking amps (CA)	1200 A	1600 A
Peak amps (PA)	3100 A	3875 A
Number of batteries	1	1
Starting cable length	1,50 m	1,50 m
Radaflex® Welding cable size	35 mm ²	35 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
Automatic electronic charger AC/DC	2 A	2 A
Cable to charge on board a vehicle DC/12V	✓	✓
12V Outlet	16 A	16 A
Reverse polarity system	●	●
Internal fuse on the battery	500 A	500 A
Net weight	14,5 kg	18 kg
Dimensions (cm)	44 x 13 x 39	44 x 13 x 39
Gross weight (shipping weight)	16,5 kg	20 kg
Dimensions of the packing box (cm)	45 x 15 x 50	45 x 15 x 50

Legend

✓ yes ✗ no ● option ● on demand

Recommended Boosters for professional uses



Power - HP	< 125	150	175	250	300	350	500
SOS 12V - 1200CA	■ ■	■ ■ ■	■ ■ ■	■ ■	■	■	
SOS 12V - 1600CA	■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■ ■ ■	■	■

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: ■ battery 1200A: **862120**
 ■ battery 1600A: **862160**

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

Spare part's reference: **862006**



Charging plug and 12V Outlet.

Spare part's reference: **862003**

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.



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**



Options

Reference	Description	SOS 12V 1200CA	SOS 12V 1600CA
860019	'Switch & Buzzer'	●	●
810501S	'Lightster'	●	●
860012A	Air compressor USA 12V 8,3 bar - external	●	●
860012B	Air compressor USA 12V 8,3 bar - internal	●	●
860013	Triple wrap cable of 2,40m instead of 1,50m	●	●
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

