



TECHNICAL SHEET

SOS 12/24V 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 12/24V 1600/800CA	SOS 12/24V 2000/1000CA	SOS 12/24V 2400/1200CA
Reference	761006	761012	760008
Voltage (DC)	12/24V	12/24V	12/24V
Cranking amps (CA)	1600/800 A	2000/1000 A	2400/1200 A
Peak amps (PA)	4740/2370 A	5920/2960 A	6200/3100 A
Number of batteries	2	2	2
Starting cable length	1,35 m	1,35 m	1,35 m
Radaflex® Welding cable size	35 mm ²	35 mm ²	50 mm ²
Type of clamps	850 A	850 A	850 A
Length of the clamps	215 mm	215 mm	215 mm
Opening of the clamps	54 mm	54 mm	54 mm
Automatic electronic charger AC/DC	1,3 A	1,3 A	3,6 A
Cable to charge on board a vehicle DC/12V	●	●	●
12V Outlet	16 A	16 A	16 A
Reverse polarity system	✓	✓	✓
Internal fuse on the battery	300 A	300 A	500 A
Auxiliary connector for cables	●	●	●
Net weight	20,5 kg	23,5 kg	24,8 kg
Dimensions (cm)	53 x 16 x 48	53 x 16 x 48	53 x 16 x 48
Gross weight (shipping weight)	23 kg	26 kg	28,5 kg
Dimensions of the packing box (cm)	56 x 19 x 60,5	56 x 19 x 60,5	56 x 19 x 60,5

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
SOS 12/24V - 1600/800CA	■	■	■	■	■	■		■	■	■		
SOS 12/24V - 2000/1000CA	■	■	■	■	■	■		■	■	■		
SOS 12/24V - 2400/1200CA	■	■	■	■	■	■	■	■	■	■	■	■

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.



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 800A: **862760**
 - battery 1200A: **862120**
 - battery 1600A: **862160**

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

- Spare part's reference:
- fuse 300A: **862005**
 - fuse 500A: **862006**



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

4-Pin Neutrik® **charging plug** for a simultaneous and optimal recharge of your Booster's batteries.

- Spare part's reference: **862602**



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	SOS 12/24V 1600/800CA	SOS 12/24V 2000/1000CA	SOS 12/24V 2400/1200CA
860012A	Air compressor USA 12V 8,3 bar - external	●	●	●
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

