



Technical Sheet SOS 12/24V PORTABLE

Explanation of Amps

Cranking amps (CA)

This is the power (amperage) supplied by the Booster's battery at the clamps during a 10 second start 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 fraction of a second.

Points of Interest

The **SOS Booster**, used in accordance with the instruction manual, is perfectly safe for the onboard electronics of your vehicle.

The **SOS Booster** is also perfectly compatible with hybrid vehicles.

| Part No. | |
|----------------|------------------------------|
| Voltage (DC) | |
| Cranking am | ps (CA) |
| Peak amps (P | PA) |
| Number of b | atteries |
| Starting cable | e length |
| Radaflex® We | elding cable size |
| Type of clam | ps |
| Length of the | e clamps |
| Opening of the | he clamps |
| Automatic el | ectronic charger AC/DC |
| Cable to char | ge on board a vehicle DC/12V |
| 12V Outlet | |
| Reverse pola | rity system |
| Internal fuse | on the battery |

| SOS 12/24V 1600/800CA | SOS 12/24V 2000/1000CA | SOS 12/24V 2400/1200CA |
|--------------------------|---------------------------|---------------------------|
| 761006 | 761012 | 760008 |
| 12/24V | 12/24V | 12/24V |
| 1600/800 A | 2000/1000 A | 2400/1200 A |
| 4740/2370 A | 5920/2960 A | 6200/3100 A |
| 2 | 2 | 2 |
| 1.35 m | 1.35 m | 1.35 m |
| 35 mm² | 35 mm² | 50 mm² |
| 850 A | 850 A | 850 A |
| 215 mm | 215 mm | 215 mm |
| 54 mm | 54 mm | 54 mm |
| 1.3 A | 1.3 A | 3.6 A |
| | | |
| 16 A | 16 A | 16 A |
| * | * | * |
| 300 A | 300 A | 500 A |
| | | |
| 20.5 kg | 23.5 kg | 24.8 kg |
| 53 x 16 x 48 | 53 x 16 x 48 | 53 x 16 x 48 |
| 23 kg | 26 kg | 28.5 kg |
| 56 x 19 x 60.5 | 56 x 19 x 60.5 | 56 x 19 x 60.5 |

Legend

Net weight

Dimensions (cm)

yes

🗶 no

option

on demand

Recommended Boosters for professional uses



Auxiliary connector for cables

Gross weight (shipping weight)

Dimensions of the packing box (cm)

Power - HP

SOS 12/24V - 1600/800CA

SOS 12/24V - 2000/1000CA

SOS 12/24V - 2400/1200CA

| < 125 150 175 250 300 350 500 | 12V Applications | | | | | | |
|---|------------------|-----|-----|-----|-----|-----|-----|
| | < 125 | 150 | 175 | 250 | 300 | 350 | 500 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| 24V Applications | | | | |
|------------------|-----|-----|------|------|
| 100 | 250 | 500 | 1000 | 1500 |
| | | | | |
| | | | | |
| | | | | |

Legend

Intensive
Normal

Caution

The conditions when starting a vehicle can vary the results, such as: vehicle's condition, engine type (petrol or diesel) and power, presence of battery in vehicle or not, temperature, frequency of use ...

These conditions can all influence the jump start's efficiency.

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:

■ 800A battery: 862760

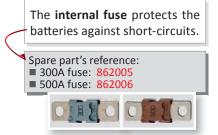
■ 1200A battery: 862120 ■ 1600A battery: 862160

The single-piece moulded **case** in 5mm thick polyethylene is unbreakable, with a lifetime warranty, and ensures excellent resistance to shocks and every

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

Spare part's reference: 862602

day use.



Starting cables (double insulated) with an optimal length and extreme flexibility 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 health of the alternator of the vehicle.

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

Voltage Selector

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 a circuit breaker. It is accompanied by a buzzer indicating any reverse polarity. This allows you to connect the clamps safely before applying voltage to the Booster.



The **850A** clamps have been designed ergonomically with curved jaws with an extra wide opening, as well as optimised security and performance. They are entirely insulated and fitted with a copper bridge which ensures the diffusion of the current on both bronze jaws. The blue clamp is equipped with an LED lamp for easier and safer use, especially in the dark.

Spare part's reference

■ red clamp: 862703

■ blue clamp: 862704

Options

| Part No. | Description |
|----------|---|
| 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 0.5m cable with moto clamp and F600 clamp |
| 860056 | Easy Grip 0.5m cable with 650A clamp and F600 clamp |

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

Legend

Available

Not recommended

Not available



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