

# TECHNICAL SHEET:

## SOS 12V PORTABLE

Ideal equipment to start  
vehicles:



### SOS 12V/1200CA:

Gasoline, diesel, light truck, 4x4, agricultural service  
To start diesel engines, as booster, up to 350 HP and  
without battery up to 175 HP.



### SOS 12V/1600CA:

Gasoline, diesel, light truck, 4x4, agricultural service and heavy truck  
To start diesel engines, as booster, up to 500 HP and  
without battery up to 250 HP.



### SOS 12V/2400CA:

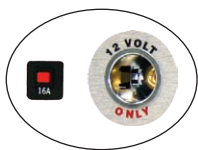
Gasoline, diesel, light truck, 4x4, agricultural service and heavy truck  
For several consecutive starting attempts. Starts a combine harvester  
John Deere 480 HP diesel without batteries.



#### Description:



Backlit **Voltmeter** (with **push button**) precise and easy to read, indicates the load level, the well-functioning of the charger and the alternator



**Plug to charge** and **Outlet 12V**, protected by a fuse 16A



**Clamps** in massive bronze, ergonomic and fully insulated, with braided copper strap, very wide opening to fit over the largest battery connectors

Length: 212 mm  
Opening: 57 mm

#### Technical specifications:

	SOS	SOS	SOS
Model	12V/1200CA	12V/1600CA	12V/2400CA
Reference	860003	861007	861005
Voltage	12 V	12 V	12 V
Cranking Amps	1200 A	1600 A	2400 A
Peak Amps	3100 A	3875 A	6200 A
Number of batteries	1	1	2
Maximum discharge KW	14	16	28
Starting cable length	1,50 m	1,50 m	1,50 m
Cable size Radaflex® Welding	50 mm <sup>2</sup>	50 mm <sup>2</sup>	50 mm <sup>2</sup>
Type of clamps	1000 A	1000 A	1000 A
Automatic electronic charger AC/DC	1,3 Ah	1,3 Ah	3,6 Ah
Cable to charge on board of a vehicle 12V	OUI	OUI	OUI
Outlet 12V	16 A	16 A	16 A
Internal fuse on the battery	OUI	OUI	OUI
Protects the electronic in the vehicle	OUI	OUI	OUI

#### Logistic specifications:

Net weight	14,5 kg	18 kg	24,5 kg
Size (cm)	45 x 13 x 39	45 x 13 x 39	45 x 24,7 x 39
Gross weight	16,5 kg	20 kg	26,5 kg
Size of the packing box (cm)	45,5 x 15,5 x 52	45,5 x 15,5 x 52	46,5 x 27,5 x 45

# The most powerful Boosters on the market

## ASSETS

### Matchless power & performance:

- o Batteries based on aerospace technology for exceptional, dependable power and life
- o The batteries are designed for extraordinary energy storage and delivery capacity at very high currents

### Portable and self sufficient:

- o Light and easy to transport, yet with enough power to get the job done regardless of the condition of the batteries in the vehicle
- o Extra long cables give you the flexibility to place the unit on the ground, allowing for one man operation

### Electronic protection:

- o Designed to protect the electronic equipment on the most sophisticated vehicles

### Reliability - Selection of first quality components:

- o **Case:** one piece polyethylene, virtually unbreakable with a lifetime warranty
- o **Internal Fuse:** to protect the battery against short-circuits and power surges
- o **Batteries:** type AGM/MF 'made in USA', easily replaceable
- o **Cables:** Radaflex® 'Welding' with double isolation for optimal current conductivity and maximum flexibility. Custom selections available.



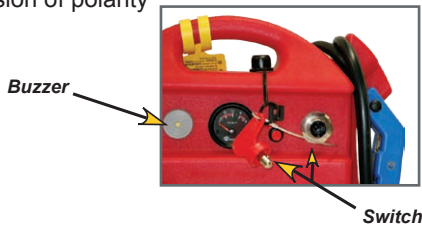
## AVAILABLE OPTIONS

### o 'Switch & Buzzer'

**Part number: 860019**

No current on the clamps while connecting on the vehicle.

Protection against accidental short-circuits and audible signal indication in case of inversion of polarity



### o Internal Compressor

**Part number: 860012B**

(not available for the unit SOS 12V/2400CA)



### o Auxiliary red connector

**Part number: 860014**

For the connection of auxiliary cables (special uses)

### o 'Triple wrap' starting cables

**Part number: 860013**

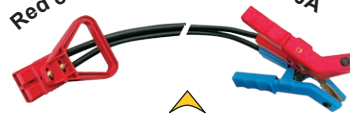
2,40 m instead of 1,50 m



### o Auxiliary Jump cables

Red connector - Clamps 1000A

**Part number: 860016** - 3m cable, 50mm<sup>2</sup>



Red connector - Red connector

**Part number: 860037** - 2m cable, 50mm<sup>2</sup>



### o External Compressor

**Part number: 860012A**

'Made in USA' 12V 8,3 bar

The connection is made by the cigarette lighter plug of the unit, a flexible of 2,5m makes the use of it easier

