

SOS Booster Jump Starter

SOS 12/24/28V



3 applications in 1 unit !

Specially designed for heavy duty aviation applications on
12V and 24V vehicles and 28V turbine starts

Ideal for
aerodromes and airports



INSTRUCTIONS

FIRST

Choose the correct voltage, corresponding to the vehicle's voltage, then connect your external cable to:

1. 12V connector
2. 24V connector
3. 28V connector

SECOND

Connect the switch 4, and start your vehicle.



Technical specifications

	SoS 12/24/28V 1200CA	SoS 12/24/28V 1600CA	SoS 12/24/28V 3200CA
Reference	760010	960011	960010
Voltage (DC)	12/24/28V	12/24/28V	12/24/28V
Cranking Amps (CA)	1200 A	1600 A	3200 A
Peak Amps (PA - short circuit current)	3100 A	3875 A	7750 A
Number of batteries	3	3	6
Automatic electronic charger AC/DC	4 A	4 A	4 A
Reverse polarity system	yes	yes	yes
Internal fuse on the batteries	500 A	500 A	500 A
Net weight	11.6 kg	53.6 kg	71.9 kg
Dimensions (cm)	53 x 16 x 48	47 x 34 x 97	47 x 34 x 97

Available auxiliary jump cables

Ref.	Description
860016	3m 50mm ² Cable with clamps 850A & red connector
976001*	2m 50mm ² Cable with «Aviation plug» & red connector
860015	2m 50mm ² Cable with NATO plug & red connector
860032	1.2m 2 x 35mm ² Cable with double NATO plug & red connector



* Standard Delivered

Ideal for any Aerodrome and Airport to start all types of vehicles, such as:
Service Vehicles, Shuttles, Buses to piston, Turboprop or Turbine Aircraft
and Helicopters... In the field, remote locations, or in the Hangar.



The single-piece moulded **case** is 5mm thick polyethylene, unbreakable (life time warranty), and ensures excellent resistance to shocks and everyday use.

We have chosen this plastic material for its light weight compared to steel, but also and especially, to avoid any short-circuit risks.

The «**Switch**» can be plugged in once the connection on the vehicle is correctly and safely completed.

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).

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



The accurate and illuminated **voltmeter** indicates the charging level of the booster and the functioning of the charger, as well as the correct functioning of the alternator of the vehicle.



The Auxiliary Cables

The Booster comes with a Radaflex® **starting cable** (double insulated) which is extremely flexible. The cable is highly conductive as well as robust enough to handle frequent use.

- Industrial Anderson Red Connector, the most robust on the market, to plug into the booster.
- Adapted plug to connect to the vehicle.



The **clamps** have been developed with a comfortable and secure grip, curved jaws with extra wide openings, as well as optimised 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 an **LED Lamp** for easier and safer use, especially in low-light areas or after dark.



The specific «**Aviation**» and **NATO plugs** allow you to easily connect the cables and ensure perfect conductivity, without any polarity inversion risk.



Cable with 850A clamps

For connection to the battery of the vehicle.
To start service vehicles, buses, shuttles, etc.



Cable with «Aviation Plug»

For all planes and helicopters fitted out with this «Aviation Plug».



Cable with NATO plug(s)

For all vehicles fitted out with the single 24V NATO plug or double 24V NATO plug.



Your Distributor:

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