

SD281

28V START UNIT

MEGABOOST AVIATION SD281 is a very powerful 28V start pack for a large range of Aircraft and Helicopter.

The 28V cells unit (fully charged at 30.1V) is used to start quickly the engine or APU.

It is fitted with high A/H capacity batteries to provide the faster spool-ups and cooler starts.

Starting with 30.1V voltage and high capacity batteries also increase the turbine longevity.

The unit is also fitted with a 4A automatic internal charger to increase the cell life as well.

Supplied as standard with:

- Hand trolley
- 2 m output cable fitted with the aircraft NATO plug

Option

- Parallel joining connector
- Use the optional cable to connect two units as a twin pack and double the Amps power.



SPECIFICATION

Input Voltage (AC Mode)	90-230VAC +/- 10%, Single Phase
Input Current	2A @ 230VAC
Output Voltage	30,1 VDC max
Starting Current	1100A (PHCA in 5 sec.)
Starter Battery Capacity	45A/Hr @ 20Hr (20°C)
Peak Current	2450 Amps*
Operating Temperature	-20°C to +50°C
Enclosure (rain protection)	IP55
Protection	Over/Under Voltage, Over Current, Over Temperature and Short Circuit
Dimensions (Unit only)	L = 470mm, W = 164mm, H = 380mm
Weight (Unit only)	33Kg

Features

- 2M (95mm) Output cable fitted with aircraft NATO plug
- Internal batteries that automatically charge when connected to the input mains
- Very quiet and simple to operate
- Fitted on trolley for mobility

* Peak Amps is a short circuit Amps value generally mentioned in cell manufacturer literature. It is not a useful value and only indicated for comparative purposes.

CE Mark Certified (EN61000-6-4 Electromagnetic compatibility - Generic emission standard; EN61000-6-2 Electromagnetic compatibility - Generic immunity standard; Low Voltage Directive (LVD) 2006/95/EC) **Ripple and Noise** 0 mv - **Load Regulation** +/-0.5%

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