

SAD101-SB18

e-GPU GREEN POWER UNIT

MEGABOOST AVIATION SAD101-SB Combination Unit is a state-of-the-art design model that supplies true 28.5VDC output, with no input mains applied.

This is the true GREEN GPU. The unit has a dual purpose: it provides 28.5VDC continuous power for avionics work and is used to start the aircraft or APU.

The unit can operate in either AC Mode (power supply modules get power from the single-phase input mains applied) or DC Mode (power supply modules get power from the internal batteries). This unit is very quiet and simple to operate.



The pictures are not contractual

Supplied with:



25m input cable fitted with connectors



3m output cable fitted with the aircraft plug

The SAD101-SB is suitable for continuous and starting power for the medium size range of 28V aircraft. Use 100A for 1 hour in DC Mode and then start the engine with 1000A in 5 s

Features

- 3M (95mm) Output cable fitted with rubber aircraft plug
- Internal batteries that automatically charge when connected to the input mains
- Very quiet and simple to operate
- Fitted on towable trolley for mobility

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 < 150mv

Load Regulation +/-0.5%

SPECIFICATION

Input Voltage (AC Mode)	230VAC +/- 10%, Single Phase
Input Current	16A @ 230VAC
Output Voltage	28.5VDC Continuous
Output Ripple	<150mV
Continuous Current	100A (Continuous in AC Mode) 100A for 1 hours (DC Mode)
Starting Current	1000A
Starter Battery Capacity	25.8V - 45A/Hr
Internal Battery Capacity	360V - 18A/Hr
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 = 600mm, W = 500mm, H = 600mm
Weight (Unit only)	140Kg

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