

SAD201SB18

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 three-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 SAD201-SB is suitable for continuous and starting power for the medium size range of 28V aircraft. Use 150A for 30min 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)	380 VAC +/- 10%, 3 Phase
Input Current	16A @ 380 VAC
Output Voltage	28.5VDC Continuous
Output Ripple	<150mV
Continuous Current	200A (Continuous in AC Mode) 150A for 30 min or 70A for a hour (DC Mode)
Starting Current	1100A in 5s (PHCA of batteries)
Starter Battery Capacity	25.8V - 45A/Hr
Internal Battery Capacity	312V - 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 = 400mm, H = 600mm
Weight(Unit only)	200 Kg

BV CORPORATION
3, rue du Vieux Moulin
74960 Meythet (Annecy) France

Tel. +33 450 228 480
www.bv-corporation.com
info@bv-corporation.com