

# SAD405-SB55

MEGABOOST AVIATION SAD405-SB Combination Unit is a state-of-the-art design model that supplies true 28.5VDC output, with no input mains applied. The unit has a dual purpose: it provides 28.5VDC continuous power for avionics work and is used to start the aircraft or APU.

This is the true GREEN GPU.

The unit can operate in either AC Mode (power supply modules get power from the 3-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.

## Supplied with:



25m input cable fitted with connectors



5m (4 core x 95mm) output cable fitted with the aircraft plug

## e-GPU GREEN POWER UNIT



The SAD405-SB is suitable for continuous and starting power for the whole range of 28V aircraft.

Use 200A for 2 hours (DC Mode) for avionics and air conditioning needs and then start the engine or APU.

### SPECIFICATION

Input Voltage (AC Mode)	400VAC +/- 10%, 3 Phase
Input Current	32A @ 400VAC
Output Voltage	28.5VDC Continuous
Output Ripple	<150mV
Continuous Current	400A (Continuous in AC Mode) 400A for 1 hour or 200A for 2 hours
Starter Battery Capacity	24V-130A/Hr
Internal Battery Capacity	360V -55Ah
Starting Current	2250A (5000A short circuit)
Operating Temperature	-20°C to +50°C
Enclosure	IP55
Protection	Over/Under Voltage, Over Current, Over Temperature and Short Circuit
Dimensions (with trolley)	L = 1200mm, W = 750mm, H = 1500mm
Weight	550Kg

### Features

- Internal batteries that automatically charge when connected to the input mains
- Very quiet and simple to operate
- Fitted with heavy duty castor wheels for mobility
- 76mm NATO eye fitted to trolley handle for towing
- External E-stop Switch fitted
- Solid tyres fitted to the HD towable trolley