



PS80

PS80/2240 28V DC 80 amp power supply



Embraer ERJ-135 – Paris
Airshow 2003, 3 x 80 PS80s
ganged in parallel

Specification

Maximum output current	80 amp
Maximum watts	2240
Continuous rating (amps)	80% of maximum output
Switching frequency	67Hz
AC mains input (selectable)	98-110v AC 50-60Hz or 210-240v
Cooling	Triple fan and heatsink
Temperature range	-25°C to +50°C

Height	Length	Width	Weight
305mm/12in	405mm/16in	135mm/5.3in	Approx 12.5kg/27.5lbs

Case: all-alloy non-ferrous case

Features

- Four independent paralleled 20 amp advanced switch mode PCBs connected in parallel provide 80 amps output for ease of service and maximum redundancy.
- Digital voltmeter indicates output voltage.
- Load monitoring via digital ammeter.
- Automatic current limiting.
- On/off power control via switchable circuit breaker.
- 4 x output "On" warning lights and status LEDs to indicate individual PCB output.
- 10 amp 28 volt DC accessory port for inspection lamp/soldering irons etc.
- Hand/air portable.
- 80 amp unit can be ganged to increase output (parallel connecting harnesses required) to achieve up to 400 or more amps.
- Unit can act as aircraft battery charger ONLY on lead acid batteries.
- Operates directly into the aircraft from any domestic 110 or 220 volt AC mains supply or runs in parallel with Powervamp GPUs, acting as a power supply and charger.
- Protected against overload, short circuit and reverse polarity.

Options

- Can be run in parallel with all Powervamp GPUs
- Protective cover for outdoor use
- Trolley to hold two units

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