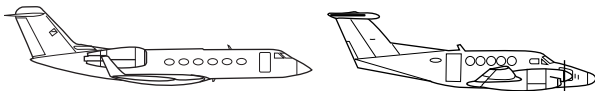


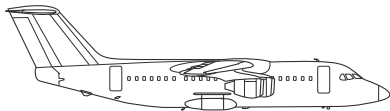
# GPU 3000/80



**Typical power plant:\* TPE 331, PT6-67, Makila, TFE 731, LF 507, CF 34, PW 120, PW 308**



Shaft turbines, medium turboprop, executive jets



The 3000/80 comprises 2 x 1500/40 GPUs connected in parallel. This twin pack is for starting larger helicopters and business jets where larger turbines or turboprop aircraft require higher instant amperage and longer start cycles.

The 3000/80 delivers more performance while still enabling the operator to handle and stow the units due to the lower individual pack weight. The integral power supplies make the units ideal for maintenance and lengthy pre-flight checks

Larger DC business jets and helicopters generally have higher continuous power requirements during ground ops. The 3000/80 will deliver 80 amps continuous power when connected to mains power.



GPU 3000/80: military application



GPU 3000/80: Bandeirante, Brazil

## SPECIFICATIONS

|   |  |              |                      |
|---|--|--------------|----------------------|
| Output voltage  | 28V  |              |                      |
| Cell capacity   | 58 amp/hrs   |              |                      |
| Short circuit current   | 3120A  |              |                      |
| Practical operational peak amps   | 1500   |              |                      |
| Output amps (max)   | 80A  |              |                      |
| Recommended max cont  | 70A  |              |                      |
| Re-charge time (using 80 amps from internal power supplies) from 50% depth of discharge | 20 minutes   |              |                      |
| On-board charger  | 4 x 20 amp internal power supplies                   |              |                      |
| AC input requirements   | 100–132V or 200–264V 45–400Hz (select input voltage) |              |                      |
| Continuous amps (max)   | 60A  |              |                      |
| Efficiency  | 82%  |              |                      |
| Operating temperature range   | -25°C to +50°C (-13°F to +122°F)                     |              |                      |
| Cooling   | Fan assisted   |              |                      |
| Displays  | Digital voltmeter power supply output status LEDs    |              |                      |
| Height  | Length   | Width        | Weight (inc trolley) |
| 1006mm (37in)   | 430mm (17in)   | 500mm (20in) | 61kg (134lbs)        |
| NATO stock number   |  |              |                      |

## FEATURES

- 80 amp 28.5V DC integral power supply
- Twin 'side by side' power packs with 'quick de-couple' connector
- Twin solid state voltage displays – mains activated. Cross checks power cell voltage
- Twin 28V DC accessory ports
- Tough, balanced ramp cart with storage for cable and Nato plug
- The 3000/80 model can be de-coupled to allow each 1500/40 unit to operate independently (requires additional lead and Nato plug)
- Can be recharged via an aircraft 115V 400Hz bus

## SUPPLIED WITH

- Padded protective jacket
- Mains power cord
- 2m (6ft) double insulated heavy-duty output cable with rubber Nato plug
- Set of socket keys for disassembly
- Instruction and parts manual

\*This information is given in good faith. See disclaimer, page 2