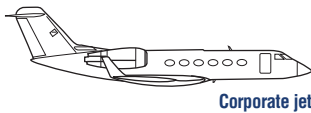


GPU 3000T

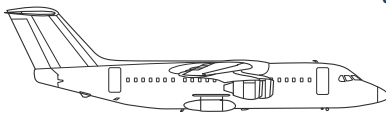


GPU 3000T: PT6-67A start PZL Skytruck

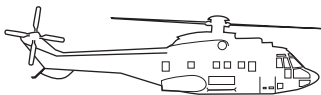
Typical power plant:* TPE 331, Makila, PT6-67, Arriel, LF 507, PW 305A, PW 308



Corporate jet



Regional airliners
(e.g. BAe 146)



20-seat helicopters with shaft turbines
(e.g. Cougar and EC225)

Hand-portable GPUs, as their name suggests, cannot be excessively large or heavy. Situations exist where additional amp/hr capacity and performance is required while retaining the essential benefit of 'portability'. The solution – pioneered by Powervamp 19 years ago and now adopted throughout the industry – was to connect two units in parallel. The GPU 3000T (twin) comprises two GPU 1500 units connected by heavy-duty parallel lead (yoke) doubling the capacity from 26 to 52 amp/hrs.

Designed for turbine starting on large helicopters and corporate jets, the GPU 3000T (twin) is easy to use and transport by air. Individual GPU weight is low and packs can be easily stowed on board a vehicle or aircraft. The GPUs are cleared for air transportation with their safety locking isolator.

Repeatedly proven in combat zones and favoured by special forces helicopter units since its introduction in 1995, thousands of these units are in use worldwide. With more than 130 sets with the Republic of Korea army, 50 sets with French forces and multiple sets with other military and civil operators, the GPU 1500 and GPU 3000T are probably the most popular and well-proven medium-size portable GPUs in the world.

SPECIFICATION

Individual GPU data as for 1500 pack

| | | | |
|--|--|---------------|---------------|
| Peak amps (max short circuit current) | 3000 | | |
| Combined cell capacity | 52 amp/hrs (packs connected in parallel) | | |
| Overall dimensions: packs including trolley: | | | |
| Height | Length | Width | Weight |
| 1000mm (39in) | 450mm (18in) | 440mm (17½in) | 61kg (137lbs) |
| Nato stock number | NSN 2990-99-789-1831 | | |

FEATURES

- Solid state digital voltmeter
- Heavy-duty push/pull on/off contactor with safety 'R' clip and replaceable 'on condition' contacts
- Flush-mounted polarized output port
- Fitted with unique input port designed for use with optional mains-powered 28V DC switch mode ramp/shop Powervamp power supply
- Accessory plug
- Controls located on pack top, protected by full-length stainless steel handle and reinforced angled side buttresses
- 2-metre (6ft) heavy-duty double-insulated 50mm sq leads with heavy-duty rubber Nato plug
- Twin 110/220V 50/60Hz 3-stage integral charging modules with charge indicator LEDs
- All-welded case with removable screwed back panel
- Double trolley
- Heavy-duty parallel yoke

OPTIONS

- Second 2-metre (6ft) lead with rubber Nato plug to allow packs to be deployed separately
- 10 amp 110/230v 50/60Hz fast charger with parallel connection lead to charge both packs simultaneously
- Padded transportation/protective jackets for each pack – sold individually
- 2-metre (6ft) lead with 1000 amp cast brass, braided, fully insulated and colour-coded wide jaw 'hawk beak' alligator clips for starting 24 volt plant and vehicles

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