

GPU 1700

24V AIRCRAFT START UNIT

In continuous production for more than 20 years, and in military use worldwide, this recently upgraded aircraft start unit uses a tough, corrosion resistant, all stainless steel case designed for use in harsh or saline environments.

The GPU 1700 is designed to take the heavy abuse that occurs with frequent transportation by road or air and its flush sides and buttressed full-length handle prevent snagging in confined spaces.

A heavy-duty push/pull isolator switch with replaceable copper contacts ensures maximum power transfer with minimum voltage drop. The lockable 'R' clip ensures the aircraft start unit is cleared for air transportation.

This aircraft start unit is designed to be carried on board for emergency power or turbine starting and is fitted with dual 12V DC automatic 3-stage internal chargers for maximum cell longevity. Suitable for starting all APUs and medium size free turbines.

The GPU 1700 is fitted with solid state voltmeter to monitor battery voltage. Supplied with Nato lead set, charge lead and heavy-duty canvas protective jacket.



Supplied as standard with



Country-specific input cord



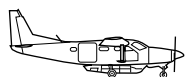
2m Nato lead



Padded protective jacket

Typical power plant:*

PT6A-27, TFE 331, Arriel, Williams FJ33, GE H80, or power plants of a similar specification



Small turboprop (Cessna Caravan series, Socata TBM 850) and all piston aircraft



Free turbine helicopters: police, SAR, Hems, Executive (e.g. Agusta 109, A-star/Ecureil, BK117, S76, AS 350, EC 120B, EC 130B, EC 135, EC 145)



Corporate jets

*This information is given in good faith

GPU 1700

Specifications

Peak amps**	1700A
Nominal voltage	24V DC
Standing voltage	25.6V DC
Amp/hour capacity	32 Ah @ 10 hr rate (20°C)
Operating temp	-40°C to +50°C (-40°F to +122°F)
Case	Welded, non-magnetic stainless steel
Voltmeter	Solid state LED, IP65
Aircraft cable	2m (6ft) with heavy-duty rubber Nato connector
Charger	2 x 12V 2.3A 3-stage internal charger/ 90-264V AC/47-63Hz/single phase
Dimensions	H 465mm (18in), L 340mm (13in), W 110mm (4in)
Weight	25kg (55lb)
NSN	2990-99-930-3147
NCAGE	KD628

** Peak amps is a theoretical calculation of the instantaneous current from a momentary dead short across the battery terminals. It is not representative of the power delivered at the aircraft plug due to cable losses and other factors. This figure is only shown for comparative purposes.



GPU 1700: Chinook line maintenance

Features

- High powered sealed lead acid AGM batteries
- Cleared for air transportation
- Internal chargers with LED status indicators
- All-welded stainless-steel case with removable back panel
- Controls protected by full length handle with reinforced side buttresses
- Aircraft cable with heavy-duty Nato connector
- Heavy-duty output isolator with replaceable contacts
- Security 'R' clip isolator lock
- Auxiliary socket for charging and plug-in accessories
- Solid state voltmeter
- Heavy-duty canvas protective jacket

Optional extras



Universal single trolley



4m alligator clips



4m Nato lead



24V 10A external fast charger



24V inspection lamp

Other GPUs and power supplies in the Powervamp range



12/24V GA Pack



GPU 1700 Twin



GPU 2400



PS50



GPU1500/40



PS100

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