

# GPU 2400

## 24V AIRCRAFT START UNIT

In continuous production for more than 20 years and in military use worldwide, this proven aircraft start unit uses a tough, corrosion resistant, all stainless steel case reinforced for harsh operations in remote and saline environments.

The GPU 2400 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 2400 is fitted with solid state voltmeter to monitor battery voltage. Supplied with Nato lead set, charge lead and heavy-duty canvas protective jacket.

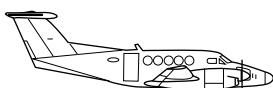


### Supplied as standard with



### Typical power plant:\*

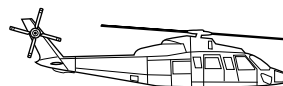
Williams FJ-33, Arrius, ALF 502, or power plants of a similar specification



Corporate turbo prop



Corporate jets



10-16-seat helicopters with shaft turbines

# GPU 2400

## Specifications

Peak amps**	2450A
Nominal voltage	24V DC
Standing voltage	25.6V DC
Amp/hour capacity	43 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 475mm (18in), L 440mm (17in), W 110mm (4in)
Weight	34kg (75lb)
NSN	2995-99-230-9194
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.

## 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
- Fitted with rubber anti-slip, shock absorbent feet
- Heavy-duty canvas protective jacket

## Optional extras



Universal single trolley

2m alligator clips

4m alligator clips

4m Nato lead

24V 10A external fast charger

24V inspection lamp

## Other hand-portable GPUs and power supplies in the Powervamp range



GPU 1700

Coolspool 2400 Twin

Coolspool 17

Coolspool 29

GPU 1500/40

PS100

PS300



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