

12/24V GA PACK

12/24V AIRCRAFT START UNIT

A tough, budget-priced, dual voltage aircraft start unit designed for the private owner and general aviation operator. It uses the same high quality, high-discharge batteries as used in Powervamp's premium aviation product range. Ideal for smaller turbine aircraft and helicopter operators, all piston aircraft, or where the starting of 24V trucks and 12V vehicles is also a requirement.

The powerful dry-cell batteries are isolated via the internal 500A key switch allowing the aircraft start unit to be cleared for air transportation.

An externally mounted 750A fuse offers protection against excessive use or a dead short across the output cables.

The impact resistant polyethylene case allows the start unit to sit in snow or flooded sites up to 300mm (12in) deep without water ingress.

The 12/24V GA Pack is supplied with an external 10A charger and two lead sets for both aircraft and automotive applications.

The solid state LED display shows battery status when the pack is switched on. An audible reverse polarity alarm warns against incorrect connection.

Optional accessories include longer lead sets and an on board charging kit (OBCK) to allow the pack to be charged via any automotive 12V DC vehicle cigarette/auxiliary socket.



Supplied as standard with



Typical power plant:*

Arrius, Rolls-Royce 250, PT6A-27. Continental and Lycoming piston. Grumman American GA-7 Cougar. 24V diesel to ten litres (600 cu in), or power plants of a similar specification



Small turboprop and all piston aircraft



Small turbine and piston helicopters



All petrol engines; 24V diesel to 10 litres (600 cu in); 4x4 vehicles

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Specifications

Peak amps**	2400A
Nominal voltage	12V/24V DC
Standing voltage	12.8V and 25.6V DC
Amp/hour capacity	26 Ah @ 10 hr rate (20°C)
Fuse rating	750A
Operating temp	-40°C to +45°C. (-40°F to +113°F)
Case	Moulded impact resistant polyethylene
Aircraft cable	2m (6ft) aircraft cable with Nato connector
Automotive cable	2m (6ft) lead with 1000A alligator clips for direct battery connection
Charger	10A 3-stage external charger/ 110-230V AC/50-60Hz/single phase
Dimensions	H 570mm (22in), L 180mm (7in), W 160mm (6in)
Weight	25kg (55lb)
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. It is a figure of no useful value to the operator and is shown for comparative purposes.



Features

- High powered sealed lead acid AGM battery
- Cleared for air transportation
- External charger with LED status indicator
- 3 LED battery charge status
- Aircraft cable with Piper connector
- Aircraft cable with heavy-duty Nato connector
- Cast brass, braided and fully insulated colour-coded alligator clips for direct battery connection
- Tough polyethylene case
- Audible reverse polarity warning buzzer
- Voltage spike protection
- External 750A output fuse
- Output key switch isolator

Optional extras



Other ground power units available from AERO Specialties



DMS#3453rev1

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