

## Coolspool 29

### 28V AIRCRAFT START UNIT

The Coolspool 29 is available in two nominal output voltages, 26V DC or 28V DC. This aircraft start unit is used extensively on larger twin turbine aircraft and helicopters where additional amp/hour capacity is required to maintain voltage under load.

Upper Fadec limits vary according to the manufacturer's software and for this reason two versions of the Coolspool 29 are available.

When compared to a 24V DC start unit of the same capacity, the Coolspool 29 delivers a significantly higher performance, resulting in faster spool-ups and cooler starts impacting directly on turbine life.

This aircraft start unit is designed to be carried on board for emergency power or turbine starting and is fitted with an automatic 3-stage internal charger for maximum cell longevity.

The Coolspool 29 is fitted with solid state voltmeter with 'push to view' button to monitor battery voltage.

A spring-loaded output cover ensures the aircraft start unit is cleared for air transportation. Supplied with Nato lead set, charge lead and heavy-duty canvas protective jacket.



#### Supplied as standard with



#### Typical power plant:\*

Williams FJ-33, PT6-67, Arrius, or power plants of a similar specification



Corporate jets



10-16-seat helicopters with shaft turbines

\*This information is given in good faith

# Coolspool 29

## Specifications

Peak amps**	2400A
Nominal voltage	26V or 28V DC depending on model
Standing voltage	27.8V DC or 30V DC depending on model
Amp/hour capacity	26 Ah @ 10 hr rate (20°C)
Operating temp	-40°C to +45°C (-22°F to +113°F)
Case	Aluminium with shock absorbing feet
Voltmeter	Solid state LED, IP65
Aircraft cable	2m (6ft) with heavy-duty rubber Nato connector
Charger	1.9A 3-stage internal charger/ 90-264V AC/47-63Hz/single phase
Dimensions	H 345mm (13in), L 405mm (16in), W 135mm (5in)
Weight	26V DC: 28kg (61lb) 28V DC: 29kg (63lb)
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 charger with LED status indicator
- Corrosion resistant aluminium case with carry handle
- Controls protected by twin front protection bars
- Aircraft cable with heavy-duty Nato connector
- Spring-loaded output connector cover
- Auxiliary socket for plug-in accessories
- Solid state voltmeter with 'push to view' feature
- Fitted with rubber anti-slip, shock absorbent feet
- Heavy-duty canvas protective jacket

## Optional extras



Universal single trolley



4m Nato lead



24V inspection lamp



## Other GPUs and power supplies in the Powervamp range



Coolspool 17 (26V)



Coolspool 29 Twin (26V)



GPU 1500/40



PS100



PS300



GPU 2400

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