

# Coolspool 58



**Typical power plant:\*  
TPE 331, PT6-67, Arrius**

## FEATURES

- Solid state digital voltmeter with push-to-view button and watchdog timer for cell protection
- Internal self-contained mini charger with multi-colour LED charge status display
- Stainless steel sliding safety cover
- Safe for air transportation
- Operates in any position (inverted NOT recommended)
- Padded jacket for GPU/aircraft protection
- Neoprene anti-shock/anti-slip feet
- 10 amp accessory socket for work lamp/solder iron etc
- 2-metre (6ft) mains input cord
- 2-metre (6ft) heavy-duty double insulated output cable with rubber Nato plug

## OPTIONS

- Lightweight or heavyweight trolley
- 24/28 volt work lamp
- Rapid external charger: 10 amps or 80 amps
- 1000 amp cast brass colour-coded and braided alligator clips with 2-metre (6ft) leads

The 28 volt (nominal) 29 amp/hr Powervamp Coolspool 29 portable GPU can be ganged together to double output to create the Coolspool 58.

The Coolspool 29 was developed for larger turbine aircraft and helicopters where portability requirements limit weight and size, but the need to maintain voltage above minimum FADEC limits during the start cycle is critical. This requirement demands that the GPU voltage is at the top of the FADEC upper limit before starter engagement.

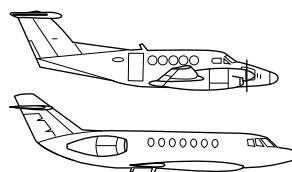
When compared to a 24 volt GPU of the same capacity, the Coolspool 29 typically delivers a stunning 30% increase in performance (watts) for the same amperage. With an off-charge voltage of 30 volts, the GPU delivers faster spool-ups, cooler starts and a faster, more positive systems response, which benefits turbine life and system reliability.

The Coolspool 29 has a built-in mini charger. Connecting any 110/220 volt power cord into the GPU will automatically activate the integral 3-stage charger. A 3-colour LED indicates charging status and a solid-state digital voltmeter, with push-to-view button and timed auto shutdown, accurately displays voltage.

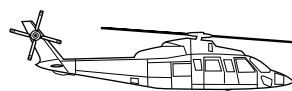
## SPECIFICATIONS

Capacity amp/hr	58		
Short circuit current (approx)	2400 amps		
Standing voltage (off charge)	29 volts		
Internal charger	Mini 3-stage fully-automatic dual 110/220V 50/60 Hz auto selecting capacity of 1.9 amps		
Case	Powder-coated light alloy with neoprene shock-absorbing feet		
Height	Length	Width	Weight
300mm (12in)	400mm (16in)	270mm (11in)	60kg (132lbs)

\*This information is given in good faith



Corporate jets



10-16-seat helicopters with shaft turbines

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