

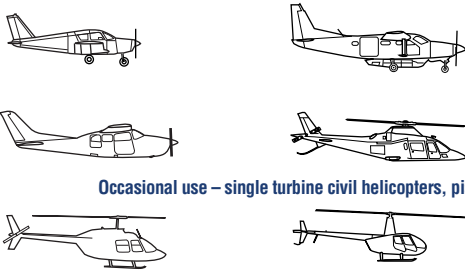
Coolspool 17

HIGH PERFORMANCE 26 AND 28 VOLT GPUs



Coolspool 17: EC130 preflight and start

Typical power plant:* Arrius 2F, Rolls-Royce 250



Occasional use – single turbine civil helicopters, piston twins

The advanced Powervamp Coolspool 17 is a state-of-the-art portable mini GPU designed as a lightweight emergency starting GPU for piston aircraft and light/medium turbine helicopters. The Coolspool 17 has power, performance and features that far exceed any other comparable mini GPU.

With a nominal voltage of 26–28 volts (for Eclipse-type aircraft) or 28–30 volts DC (for aircraft with a higher upper voltage limit – typically for single turbine helicopters), spool-up performance of this 17 amp/hr pack is more than 12% faster than a similar capacity 24V unit, with minimum weight penalty. Faster spool-ups mean cooler starts, aiding engine life. The Coolspool 17 has its own built-in mini charger. Connecting a 110/220V power cord to the unit 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 output voltage.

The alloy case keeps weight to the minimum while the slim-line design and protective jacket allow the GPU to fit under seats or in any confined space. For continuous 28 volt power for avionics work, maintenance, training or troubleshooting, or for fast charging, the GPU has an accessory port for connection to a power supply or powerful charger.

The Coolspool is cleared for air transportation when protected from short circuit by its special padded protective jacket. It is designed to work alongside Powervamp's 30 amp mini DC power supply. When operating in parallel, the two units offer a unique lightweight combination of performance and versatility.

SPECIFICATION

Output voltage	29–30V DC Optional lower voltage model: 26–28V		
Capacity amp/hr	17A		
Peak amps	1800A		
5 sec pulse	680A		
Pulse watts	18,920W		
Recharge from 80% DOD (internal charger)	8 hrs approx		
Charger type	Mini 3-stage fully-automatic dual 110/220V 50/60 Hz auto selecting capacity of 1.9 amps		
Case	All alloy welded with screw back and lie-flat handle		
Finish	Powder-coated yellow		
Height	Length	Width	Weight
250mm (10in)	370mm (14in)	95mm (4in)	18kg (40lbs)

FEATURES

- Solid state digital voltmeter (push-button operated) with 2-minute auto-shutdown
- Internal self-contained mini charger with multi-colour LED charge status display
- S50 auxiliary/accessory port
- Padded jacket for GPU/aircraft protection
- Safe for air transportation
- 2-metre (6ft) mains input cord
- 2-metre (6ft) output cable with heavy-duty rubber Nato plug

OPTIONS

- 1000 amp cast brass colour-coded and braided alligator clips with 2-metre (6ft) leads
- 30 amp fast charger/combined power supply

ALSO AVAILABLE

Coolspool 29	with 3-stage mini charger
Coolspool 130 (battery cart)	with integral 28V power supply
Coolspool 260 (battery cart)	with integral 28V power supply
Coolspool 410 (battery cart)	with separate charger
Coolspool 580 (battery cart)	with separate charger

*This information is given in good faith. See disclaimer, page 2