

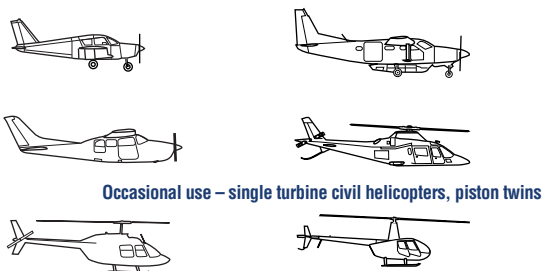
Coolspool 17

HIGH PERFORMANCE 26 AND 28 VOLT GPUs



Coolspool 17: EC130 preflight and start

Typical power plant:* Arrius 2F, Allison 250P



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 |