

Coolspool 130 and 260

28V BATTERY RAMP CART

The Coolspool 130 and 260 28V DC battery carts are designed to suit the requirements of a range of applications, from small corporate jet and medium size helicopter operators and FBOs to large fleet operators or FBOs supporting multiple DC business aircraft and requiring more capacity for frequent starts, compressor washes or avionics use.

A combination of high-discharge maintenance-free batteries, each of 130 Ah capacity are connected in series to provide 130 Ah capacity. Where increased capacity is required, the cart design allows a second set of batteries to be connected in parallel, thereby doubling the capacity to 260 Ah.

The Coolspool 130 and 260 are available in two nominal output voltages, 26V DC or 28V DC. Upper Fadc limits vary according to the manufacturer's software and for this reason two versions of the Coolspool are available.

All models of cart are fitted as standard with an internal 75A quick-demountable charger/power supply module providing rapid recharge of batteries. Switching from 'charge mode' to 'aircraft mode' allows up to 75A of continuous power to the aircraft for extended avionics use and software updates.

Each Coolspool is fitted with a solid state voltmeter and charge ammeter, lockable heavy-duty push/pull emergency isolator switch, Nato lead set, charge lead and spare wheel.

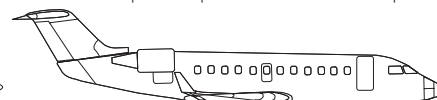
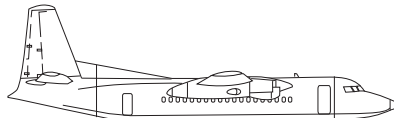
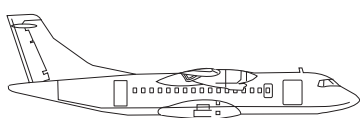
The Coolspool range of battery carts is now recognised worldwide for the massive financial savings in fuel and maintenance they deliver to operators who have replaced diesel GPU's with these silent maintenance and pollution free rechargeable mobile battery carts.

Supplied as standard with



Typical power plant:*

Coolspool 130: PT6A-27, Makila, TPE 731, GE T700, AE3007, CF34 **Coolspool 260:** PT6C-67, Makila, TFE 731, ALF 502, HTF7000, RR Tay, or power plants of a similar specification



FBOs, multiple heli-ops requiring heavy comp washes, training, civil and military.
Ramp ops - large single shaft and 8-14 seat commuters, limited despatch or regional aircraft

Coolspool 130 and 260

Specifications

Peak amps**	CS130: 4000A CS260: 8000A
Nominal voltage	26V or 28V DC depending on model
Standing voltage	27.8V DC or 30V DC depending on model
Amp/hour capacity	130 Ah or 260 Ah @ 10 hr rate (20°C)
Operating temp	-40°C to +50°C (-40°F to + 122°F)
Case	Galvanised steel frame with alloy panels
Voltmeter/Ammeter	Solid state LED, IP65
Aircraft cable	4m (13ft) with heavy-duty rubber Nato connector
Output current	75A @ 28V DC (aircraft mode)
Charger	75A 2-stage internal charger (charge mode)
Input voltage	180-264V AC/47-63Hz
Input current	16A @ 230V AC 20A @ 180V AC/single phase (typical)
Input cable	3m with 16A 3 pin 6h blue plug
Cooling	Forced ventilation (internal power supply)
Tow eye dimensions	50mm (2in) for occasional/low speed towing
Dimensions	H 801mm (32in) L 1270mm (50in) W 782mm (31in)
Weight	CS130: 157kg (346lbs) CS260: 315kg (660lbs)
NGAGE	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
- 75A, 28V DC internal power supply/charger
- Charging/charge complete LED indicators
- 'Aircraft Mode' switch for continuous 28V power to aircraft
- Corrosion resistant galvanized frame with aluminium panels
- Removable tow arm
- Pneumatic tyres
- Spare wheel fitted to roof
- Aircraft cable with heavy-duty Nato connector
- Harsh environment input cable with plug
- Heavy-duty output isolator with replaceable contacts
- Security 'R' clip isolator lock
- Solid state voltmeter/ammeter with 'push to view' feature



Other GPUs and power supplies in the Powervamp range



GPU 1500/40 Twin



Coolspool 410



PS100



PS300



Coolspool Hybrid 300



TRU 2400

Powervamp[®]
ADVANCED POWER SOLUTIONS

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