

PS30C and PS50C



FEATURES

- Mains input voltage selector
- Digital voltmeter
- Mains on/off switch
- Current limit LED
- Power output status LED
- Padded protective jacket
- 2-metre (6ft) detachable output cable with fitted Lexan Nato plug

Powervamp's PS30C and PS50C miniature power supplies are lightweight combination charger/power supplies able to deliver 30 or 50 amps depending on model, at a pre-set voltage between 28.4 and 31.5 volts (for 28 volt Coolspool charging) as selected by the operator. Power supplies can be connected directly to the aircraft's external ground power receptacle or to any of Powervamp's portable battery GPUs.

They are designed for operators of smaller helicopters and VLJs needing to download data or programme avionics in any location where size and weight are important.

The automatic 120/240 volt 50/60Hz input allows international use. A solid state voltmeter displays the output voltage selected by the mode switch. Coloured LEDs confirm mode selection. A green and red LED indicates amperage below or above current limit protection.

Unique to the PS30C / PS50C are two pre-set voltages enabling the power supplies to charge both 24 and 28 volt portable GPUs or operate in parallel with them. Specification includes forced ventilated with thermal protection and current overload/short circuit and reverse polarity protection.

A single voltage unit (28.5V) is also available in this range (PS30/PS50).

SPECIFICATIONS

Use: Designed for the smaller helicopter, VLJ or use with CoolSpool 17, 29, and 58 GPUs or as a DC power source

| | | | |
|-----------------------|----------------------------------|-------------|--------------|
| Max output | 30 amps (PS30C); 50 amps (PS50C) | | |
| Output volts | 28.5, 31.7 (selectable) | | |
| Input volts | Auto. 120/240 single-ph. 50/60Hz | | |
| Max input current | 120V 9 amps; 240V 4.4 amps | | |
| Input frequency range | 45–400Hz | | |
| Efficiency | 90% | | |
| Cooling | Single fan, forced air | | |
| IP Rating | IP54 | | |
| Height | Length | Width | Weight |
| PS30C 150mm (6in) | 325mm (13in) | 95mm (4in) | 3kgs (7lbs) |
| PS50C 155mm (6in) | 350mm (14in) | 140mm (5in) | 6kgs (13lbs) |

Powervamp Ltd
22 Bridgwater Court
Oldmixon Crescent
Weston-Super-Mare
BS24 9AY, England

Tel: +44 (0)1934 643000
Fax: +44 (0)1934 642800
Email: info@powervamp.com
www.powervamp.com



© Powervamp Ltd. Measurements, weights, technical performance and other specification data are typical and may vary. Powervamp reserves the right to alter or amend specifications without notice as part of its program of continuous improvement. Powervamp is a trademark of Powervamp Ltd.

incorporating

effekta^{uk}

ISO 9001-9002 CERTIFIED ORGANISATION

