Compact, Low Profile, “Green” 225 W Power Supply

MDT Staff

XP Power today announced availability of the ECP225 series of highly efficient low profile AC-DC power supplies. Delivering up to 150 W by convection cooling alone, the units deliver a maximum of 225 W when a forced air flow of only 10 CFM is applied. With a typical efficiency of 94% and a no-load power consumption of less than 0.5 Watt, the series helps engineers ensure their end product comply with the latest energy efficiency standards.

With a very low profile of just 1.0 inch (25.4mm) and a footprint measuring just 2.5 x 5.0 inches (63.5 x 127 mm), these ultra compact power supplies occupy significantly less volume than similar rated power units on the market.

5 single-output models are available within the series, providing all the popular nominal output voltages from 12 to 48 VDC. A trim function permits a +/- 5% adjustment from stated output in order to compensate for load losses or special application requirements. In addition a 12 VDC/0.5 A fan output is provided across the range.

Meeting the IT equipment safety specifications of UL/IEC/EN 60950-1 and the latest stringent 3rd edition medical safety standards ANSI/AAMI IS 60601-1 and IEC/EN60601-1, the ECP225 series is suitable for use in a wide range of information technology, industrial and medical equipment. The units also comply with the internationally recognised EMC standards EN55011 and EN55022 Class B specifications for conducted noise and Class A limits for radiated emissions.

The ECP225 accommodates most operating temperature environments from -20 to + 70 degrees C, with no derating until +50 degrees C.

For more information, visit www.xppower.com [1].

Source URL (retrieved on *12/04/2013 - 1:33pm*):
http://www.mdtmag.com/product-releases/2013/04/compact-low-profile-%E2%80%9Cgreen%E2%80%9D-225-w-power-supply?qt-video_of_the_day=0

Links:
[1] http://www.xppower.com