

Compact Power Supplies Serve Multiple Applications

XP Power today announced the EMH250 and EMH350 series of highly efficient single-output 250 Watt and 350 Watt AC-DC power supplies. Meeting the IT equipment safety specifications of UL/TUV/EN 60950-1 and the stringent medical safety standards of UL/TUV/EN 60601-1 the EMH series suit a broad range of information technology, industrial, medical equipment and surgical life support applications. All models are also BF rated.

Both the EMH250 250 W and the EMH350 350 W series have an extra wide input range of 80-275 VAC and are available in four output models covering the nominal voltages of + 12, + 18, + 24 or + 48 VDC. A trim function allows adjustment of the output voltage to within +/- 10% of stated nominal. A +12 VDC / 0.6 A fan supply is also provided across the range. In addition, the EMH350 series includes a +5 VDC / 2.0 A standby supply. Unlike many competitor models, full power is available from low input voltages of 90 VAC and the unit does not derate until +50 degrees C operating temperature.

Measuring just 3 x 5 x 1.43 inches (76.2 127 x 36.3 mm), these industry standard format units require only 12 CFM of forced airflow in order to deliver the full output power. An optional top mounted fan is available across the range, and the EMH350 has the additional option of a variable speed fan that is dependent on the unit's operating temperature.

The EMH350 series is also available with an optional ORing diode circuit that allows for current sharing in N+1 redundancy configurations. This series provides customers with the choice of either analogue or digital control options. The analogue signals provide Power Fail, Inhibit and Current Share. Digital signals and controls are accessible using PMBus compatible commands.

Pricing starts at \$99.84 for 500 unit quantities of the EMH250 series. They are available from Newark or direct from XP Power.

www.xppower.com [1]

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