



Full Range 100 Watts PFC Module with integrated EMI Filter



Torrance, CA, August, 2009 -- Martek Power announces a new active power factor correction and harmonic attenuation module with 100 watt output power, extending the power range offered by the PFC family to 100-1000 watts. The new PF100 is a highly reliable commercial off the shelf unit designed for military and aerospace applications.

Intended for use with Martek Power's 100 watt 270 VDC input DC/DC converters, this front end rectifier provides a full 100 watts of output power from a universal single phase input from 85V to 265 VAC.

Packaged in a five-sided continuous aluminum case with dimensions of only 2.4 x 2.3 x 0.5 inch, the new unit meets CE101 and CE102 of MIL-STD-461 for conducted EMI without requiring any external filtering. Meeting MIL-STD-704E, ABD0100.1.8.1 and MIL-STD-1399, it also delivers full performance over a wide, -40 to +100°C, operating temperature range, and boost efficiencies and power factor up to 93% and 0.99 respectively.

AC Good TTL signal, Isolated DC Good TTL signal, Over Temperature Protection, Over Output Protection, Output Short Circuit Protection, Remote On/Off are included features. Environmental screening is available.

The utilization of field-proven topologies and standard components means that the PF100 can provide state-of-the-art performance at a reasonable price; and ensuring the best in reliability together with quick-turn-around for our military and aerospace customers now and in future years.

The PF100 is now available with delivery from stock to 8 weeks ARO. For more information, please call: 310.202.8820 or visit our website at: www.martekpower.com.

Martek Power is a leading power supplies company; serving the military, aerospace, transportation, medical, telecom, computing and storage, industrial and instrumentation sectors and is AS9100 and ISO9001:2000 certified.