



## **400 Watt Power Module with Active PFC and Isolated DC Output**

**Torrance, CA, Feb 23, 2009** – Martek Power, Inc. announces the release of the MW400S 400 Watt single output AC-DC power module . The highly reliable, off-the-shelf module is ideal for military, industrial and aerospace applications.

Measuring 6.5 x 8.0 x 1.0 inch (165 x 203 x 25.4 mm) in size, the MW400S is a 400 watt converter with active AC Power Factor Correction and a built in EMI Filter. The unit accommodates a Universal single phase input from 90 - 265 Vac at 47-440 Hz. Line harmonics meet MIL-STD-1399 for 60Hz or 400Hz. Conducted EMI meets CE101 and CE102 of MIL-STD-461 without requiring any external filtering. The converter provides isolated 2Vdc, 3.3Vdc, 5Vdc, 12Vdc, 15Vdc, or 28Vdc outputs. Power Factor is 0.99 and efficiency is 82% at full load.

Standard features include remote turn on/off (TTL control), output voltage trim, overvoltage protection, overcurrent protection, AC Good TTL signal, DC Good TTL Signal, fixed frequency (500-550kHz) conversion with synchronization input. These, along with full specified performance (no derating) over an operating temperature range of -40°C to +100°C from no load to full load, make the MW400S stand out in the mission critical market segment.

All models are available in I (unscreened) and M (screened) versions. Pricing and availability quoted upon request. For additional information, call (310)202-8820 or go to [www.martekpowerabbott.com/sales/mw400s.htm](http://www.martekpowerabbott.com/sales/mw400s.htm).