



Front End Power Supplies for Datacom and DPA

Torrance, Calif., February 2010 -- Martek Power's newly released T series front-end power supplies are hot-swappable, power factor corrected units. Featuring a wide 90-264 VAC or 36-72 VDC input range; 12 VDC or 48 VDC (1200 or 1500 watt) output and a 5V standby output, the new power supply series are designed and ideal for data storage, data communication and distributed power architecture.

Hot plug and active current sharing scheme of the T series enable continuous operation without interruption and redundancy to the 12 VDC or 48 VDC bus. In addition, I2C management bus enables user to access power supply's record, power supply's temperature, fan status, output voltage and current. It also provides warning before shutting down output due to over temperature or fan fail.

The AC-DC front-end power supplies are compact (11.23 x 1.6 x 5.6-inches) enough that three units can be configured into a 1U, 19-in shelf rack. Highly efficient thermal design with internal-fans cooling permits their use over a wide temperature range of 0 to +55°C and provides very high reliability. Versions with front-mounted (ATF, DTF) and rear-mounted (ATR, DTR) AC receptacles are available. The T series meets UL/CSA and all international safety requirements.

Martek Power is a leader in the design and manufacture of standard, modified standard and custom power supplies and DC/DC converters. With design and manufacturing centers in Europe, North America, North Africa and Asia, Martek Power is uniquely qualified to satisfy customers in worldwide markets with local technical and customer service support. Martek Power has over 45 years of experience supporting OEMs engaged in Aerospace, Military, Rail & Automotive, Medical, Telecom & Networking, Computer & Data Storage, Instrumentation and Industrial applications.



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