



650 Watt Front Ends for Datacom and Networking

Torrance, Calif., November 2010 -- Martek Power announces the release of the 12 VDC output version of the AHF series of 650 Watts AC Front End power supplies. The AHF series is a standard product line of high density 12 VDC or 48 VDC output AC Front Ends with Active Power Factor Correction and 3.3 VDC auxiliary standby power.

Measuring 3.07" X 1.57" X 12.38", the units deliver up to 53.3 amps across the full AC input range of 90-264 VAC. With a compact 1U X 2U format, up to 5 power supply modules can be mounted in a standard 19" rack in a 1U high profile. Advanced design approach has maximized the power densities of the new AHF models to over 20watt/in³, boosting efficiencies over 92% while maintaining a very competitive price. Pricing of the 12Vout models starts from below \$200 for >1000 pieces OEM quantity.

Designed for Datacom and Network applications, the AHF models come standard with N+1 redundancy, which is ensured by hot plug and active current sharing scheme, and I2C management bus logic for system integration and communication features. Protection features include input over voltage, output over voltage, over temperature and over current protections.

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 Military & Aerospace, Railway & Automotive, Medical, Telecom & Networking, Computer & Data Storage, Instrumentation and Industrial applications.

For more information please visit www.martekpower.com or email us at sales@martekpower.com.



AHF series- 650W AC-DC Front End Power Supplies

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