12V Front End designed for Datacom and Storage applications

Tectrol introduces their new high-density / high-efficiency 12V front end power supply module, designed for Datacom and Storage and Server applications. The TFE-1200-12 measures 10 x 4 x 1.6 in., delivering 1200 watts with efficiencies >90%.

The TFE-1200-12 front-end power supply module delivers 12 VDC @ 100A in a 1U power module that is only 10” (254mm) deep, making it ideal for mid-plane system architectures. The small size of the module allows up to 4 parallel / N+1 redundant modules to fit within a 1U rack space. The power modules feature an I2C digital interface; Universal AC Input with Active PFC; Auxiliary 5VSB and 12VSB; Hot-Swap Capability; Droop or Single Wire Current Share; Remote on/off; Remote Sense; and Front Panel LED Indicators. All units are RoHS 6/6 Compliant and safety qualified for cTUVus EN60950-1 and CE Mark (LVD) with reliability >500Khrs (Telecordia SR332 ; 40°C; Full Load). The supply is designed to fit a wide range of standard applications and can be modified or configured for deployment in “Customer Specific” applications.

Evaluation quantities are on-hand with production deliveries of stock to 16 weeks. Modules are priced at $275 in OEM quantities. Specifications are available for download from http://www.tectrol.com [1].

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[1] http://www.tectrol.com