

Front End Power Supplies Are Efficient/Reliable

These front-end power supplies are hot-swappable; power factor corrected; and feature a 90-264 VAC or 36-72 VDC input range, 12 VDC or 48 VDC output, and a 5 V standby output. The hot plug and active current sharing scheme enable continuous operation without interruption and redundancy to the 12 VDC or 48 VDC bus. In addition, the I2C management bus enables the user to access the power supply's record, temperature, fan status, output voltage, and current. It also provides a warning before shutting down output due to over-temperature or fan fail. Measuring 11.23 × 1.6 × 5.6 in., three power supply units can be configured into a 1 U, 19-in. shelf rack.

Source URL (retrieved on 01/29/2015 - 9:08pm):

<http://www.mdtmag.com/product-releases/2010/04/front-end-power-supplies-are-efficient/reliable>