

# Front End Power Supplies Exhibit High Efficiency



Possessing a power density up to 17.9 W/in.<sup>3</sup>, Murata Power Solutions' D1U4-W Series AC/DC front end power supplies deliver power with efficiency of up to 90.9%. The 355.6 mm × 101.6 mm × 41 mm 1U-housed devices offer output power of 1,600 W (220 VAC) or 1,200 W (110 VAC), main output voltages of 12 V, and standby output of 3.3 V or 5 V that give up to 20 W standby power. The RoHS-compliant supplies include active power factor correction and active current sharing on the main output, integrated OR-ing FETs for N+1 operation, an electrical and thermal design, and integral cooling fans. The EMC Class A-rated products exhibit a field reliability of 6.8 million hours, auto-recovery from over-current and over-temperature faults, and an operating temperature range from 0°C to 50°C. Status information is provided via front panel LEDs, logic signals, and an I<sup>2</sup>C management interface. Pricing is \$535 for 100 pieces.

Murata Power Solutions

508-339-3000, [www.murata-ps.com](http://www.murata-ps.com) [1]

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