

Redundant 80 Plus PSU Series

The Eco-friendly Power Supply Built for High Performance Servers

80 PLUS Certified

Our XEAL power supplies are certified with 80 PLUS performance specification. As the eco-friendly market scouts for energy-efficient products, our power supplies are quietly running at the top of their game. EPRI has tested our PSU's and confirm that they meet the high standards of 80 PLUS certification. To meet protocol, our multi-output power supplies were put to formal testing and each tested above 80% energy efficiency at 20%, 50% and 100% of rated loads, with a true power factor of 0.9 or greater. This certification proves our green technology driven power to be substantially more efficient than typical power supplies.

Ranked Best in Efficiency

All equipped with an active PFC, our power supplies are among the market's best in energy efficiency. The IS-500R2UPD8 performed at 86.40% efficiency and the IS-500E tested at 91.18% efficiency at 50% load for 80 PLUS certification, and the other PSU's turned out similar results.

Redundancy Means Constantly Smooth Operations

Our redundant power supplies are equipped to provide emergency power to your system whenever input power fails. This means full 700W power redundancy to give you instantaneous protection from power failure, freedom from interruptions and zero down time for your mission critical operations. Our power supplies also feature power failure alarm signals so you always know the status of your power supply. Other features include overcurrent protection, overvoltage protection, and short-circuit protection to keep your system safe from any and every power-related threat to your operations.



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Product			
IS-950R3NPD8	IS-500R2UPD8	IS-950R3KPD8	
Output Wattage	950W	500W	950W
Efficiency	Min 80%	Min 80%	80%
Modules	IS-500E	IS-500E	IS-500E
Connector Type	Main Connector :: 24 pin 4+4pin 12V :: 1 8pin EPS 12V :: 1 Molex :: 10 Floppy :: 2	Main Connector :: 24 pin 4pin 12V :: 1 8pin EPS 12V :: 1 Molex :: 8 SATA :: 2 Floppy :: 1	Main Connector :: 24 pin 4+4pin 12V :: 1 8pin EPS 12V :: 1 Molex :: 10 Floppy :: 2
Dimensions (WxHxD)	5.91" x 3.39" x 11.42" 150.1 mm x 86.1 mm x 290.1 mm	3.37" x 3.31" x 11.22" 85.6 mm x 84.1 mm x 285.0 mm	3.39" x 5.00" x 11.42" 86.1 mm x 127.0 mm x 290.1 mm

Product Features:

- Universal Input, Active PFC
- MTBF > 100,000 Hours
- SCP (Short Circuit Protection)
- OCP (Over Current Protection)
- OVP (Over Voltage Protection)
- Power Failure Alarm & Signals
- Meet 80 Plus, Efficiency >=80%
- PMBus Support

Product			
IS-600S2UPD8	IS-700S2UPD8	IS-800S2UPD8	
Output Wattage	600W	700W	800W
Efficiency	Min 80%	Min 80%	Min 80%
Modules	IS-600E	IS-700E	IS-800E
Connector Type	Main Connector :: 24 pin 4+4pin 12V :: 1 8pin EPS 12V :: 1 Molex :: 8 SATA :: 4 Floppy :: 2	Main Connector :: 24 pin 4+4pin 12V :: 1 8pin EPS 12V :: 1 Molex :: 8 SATA :: 4 Floppy :: 2	Main Connector :: 24 pin 4+4pin 12V :: 1 8pin EPS 12V :: 1 Molex :: 8 SATA :: 4 Floppy :: 2
Dimensions (WxHxD)	4.00" x 3.30" x 11.02" 101.6 mm x 83.8 mm x 279.9 mm	4.00" x 3.30" x 11.02" 101.6 mm x 83.8 mm x 279.9 mm	4.00" x 3.30" x 11.02" 101.6 mm x 83.8 mm x 279.9 mm