

ORION-B3502

350W 2U ATX redundant power supply with active PFC



Specification

Input Voltage	90V ~ 264V AC, full range
Input Frequency	47 ~ 63 Hz
Input Current	8A@115V, 5A@230V
Efficiency	> 63%
Holdup Time	16 ms at full load
Over Voltage Protection	+5V: 5.7 ~ 6.7V; +3.3V: 3.7 ~ 4.7V; +12V: 13.0 ~ 15.0V
Over Power/Load Protection	Output power over 110% ~ 160%
MTBF	75145 hrs
EMI & Safety Approval	UL, cUL, TUV, CE, FCC
Temperature/Humidity	Operating: 0 ~ 40°C, 20 ~ 80%RH Storage: -20 ~ 60°C, 10 ~ 90%RH
Dimension (WxDxH)	101x300x82 mm; 3.97"x11.81"x3.23"

FEATURE

- Low profile power supply, suitable for 2U and node chassis
- Dual ATX 12V power connector for dual Intel® Xeon™ processor based server board ROBO-8820VG2
- Active PFC, full range input
- Total output power of +5V,+3.3V and +12V is 328W

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DC Output

	+5	+3.3V	+12V	-5V	-12V	+5Vsb
Max. Load	35A	20A	22	0.5A	0.8A	2A
Min. Load	5A	1A	2A	0.1A	0.1A	0.1A
Max. Watt.	328W	328W	328W	2.5W	9.6W	10W
Load Reg.	±5%	±5%	±5%	±10%	±10%	±5%
Line Reg.	±1%	±1.5%	±1%	±2.4%	±1%	±1%
Ripple	±1%	±1.5%	±0.8%	±3%	±1.25%	±1%
Noise	±1%	±1.5%	±0.8%	±3%	±1.25%	±1%

MPE-8071

70W universal input open frame power supply



Specification

Input Voltage	90V ~ 132V, 180V ~ 264V AC Auto-range
Input Frequency	47 ~ 63 Hz
Input Current	2A@115V; 1A@230V
Efficiency	> 70%
Holdup Time	16 ms at full load
Over Voltage Protection	+5V: 5.6 ~ 6.6V; +3.3V: 3.6 ~ 4.2V; +12V: 13.2 ~ 14.6V
Over Power/Load Protection	Output power over 110% ~ 160%
MTBF	276,193 hrs
EMI & Safety Approval	UL, cUL, TUV, CE, FCC
Temperature/Humidity	Operating: 0 ~ 50°C, 20 ~ 90%RH Storage: -40 ~ 85°C, 5 ~ 95%RH
Dimension (WxDxH)	76.2x 127x38.6 mm; 3"x 5"x1.5"

FEATURE

- 3" x 5" open frame power supply suitable for node chassis
- Three rails outputs (+5V, +12V & -12V)
- Universal AC input
- Higher +5V output (10A)

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MPE-8071
70W universal input open frame power supply

DC Output

	+5	+12V	-12V
Max. Load	12A	2.5A	0.3A
Min. Load	0A	0A	0A
Load Reg.	±3%	±4%	±5%
Line Reg.	±2%	±2%	±2%
Ripple	±1%	±1%	±1%
Noise	±1%	±1%	±1%