



# ORION-B4001

400W 2U ATX power supply with active PFC



## SPECIFICATION

Input Voltage	90V ~ 264V AC, full range
Input Frequency	47 ~ 63 Hz
Input Current	7A@115V, 3.5A@230V
Efficiency	> 70%
Holdup Time	16 ms. at full load
Over Voltage Protection	+5V: 5.7~6.5V; +3.3V:3.9~4.3V; +12V: 13.6~15.0V
Over Power/Load Protection	Output power over to 110%~150%
MTBF	87,961 hrs
EMI & Safety Approval	UL, cUL, TUV, CE, FCC
Temperature/Humidity	Operating: 0 ~ 40°C, 20 ~ 90%RH Storage: -20 ~ 60°C, 5 ~ 95%RH
Dimension (WxDxH)	100 x 240 x 70 mm; 3.9" x 9.4" x 2.8"

## FEATURES

- 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 385W

## ORDERING GUIDE

- **ORION-B4001**  
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## DC OUTPUT

	+5V	+3.3V	+12V	-5V	-12V	+5Vsb
<b>Max. Load</b>	33A	28A	25A	0.8A	1A	2A
<b>Min. Load</b>	5A	1A	2.5A	0.05A	0.1A	0.1A
<b>Max. Watt</b>	385W			4W	12W	10W
<b>Load Reg.</b>	±5%	±5%	±5%	±5%	±5%	±5%
<b>Cross Reg.</b>	±5%	±5%	±5%	±5%	±5%	±5%
<b>Line Reg.</b>	±1%	±1.5%	±0.4%	±1%	±0.4%	±1%
<b>RIPL</b>	±1%	±1.5%	±0.8%	±1%	±1.25%	±1.2%
<b>Noise</b>	±1.2%	±1.5%	±0.8%	±3%	±1.25%	±1.2%

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