



ORION-A4001

400W 1U ATX power supply with active PFC



SPECIFICATION

Input Voltage	90V ~ 264V AC, full range
Input Frequency	47 ~ 63 Hz
Input Current	8A@115V, 4A@230V
Efficiency	> 65%
Holdup Time	16 ms. at full load
Over Voltage Protection	+5V:5.7~6.5V; +3.3V:3.9~4.3V; +12V1:13.6~15.0V; +12V2:13.6~15.0V
Over Power/Load Protection	Output power over 110% ~ 150%
MTBF	128,930 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)	106 x 300 x 40.5 mm; 4.2" x 11.8" x 1.6"

FEATURES

- Low profile power supply suitable for 1U and node chassis
- Active PFC, full-range input
- Support for dual Intel Xeon processors
- Total output of +5V and +3.3V is 50A
- Max. +5V standby output is 2A

ORDERING GUIDE

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DC OUTPUT

	+5	+3.3V	+12V	-5V	-12V	+5Vsb
Max. Load	35A	28A	14A	0.5A	0.8A	2A
Min. Load	2A	1A	0.5A	0.1A	0.1A	0.1A
Load Reg.	±5%	±5%	±3%	±10%	±10%	±5%
Line Reg.	±1%	±1%	±1%	±1%	±1%	±1%
Ripple & Noise	60mv	50mv	120mv	150mv	150mv	50mv