

ORION-D4602P

460W+460W mini-redundant switching power supply with active PFC



SPECIFICATION

Input Voltage	90V ~ 264V AC, full range
Input Frequency	47 ~ 63 Hz
Input Current	9A@115V, 5A@230V
Efficiency	> 65%
Holdup Time	20 ms. at full load
Over Voltage Protection	+5V: 5.6 ~ 6.5V; +3.3V: 3.8 ~ 4.3V; +12V: 13.6 ~ 15.6V
Over Power/Load Protection	Output power over 110% ~ 130% on +3.3V/+5V; 120% ~ 150% on +12V
MTBF	100,000 hrs
EMI & Safety Approval	UL, TUV
Temperature/Humidity	Operating: 0 ~ 40°C, 20 ~ 90%RH Storage: -40 ~ 70°C, 5 ~ 95%RH
Dimension (WxDxH)	150 x 190 x 86 mm; 5.9" x 7.5" x 3.4"

FEATURES

- Mini-redundant power supply suitable for 2U/4U and larger chassis
- Active PFC, full-range input
- Two independent AC inputs

ORDERING GUIDE

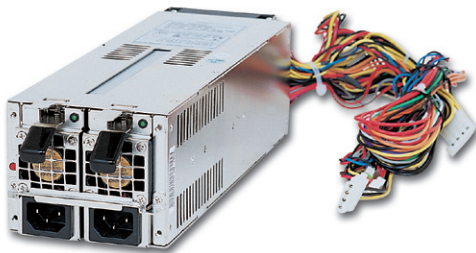
- **ORION-D4602P**
460W+460W mini-redundant power supply with active PFC

DC OUTPUT

	+5V	+3.3V	+12V	-12V	+5Vsb
Max. Load	25A	25A	30A	0.8A	2A
Min. Load	2A	2A	2.5A	0A	0A
Max. Watt.	370W	370W	370W	9.6W	10W
Load Reg.	±5%	±5/-3%	±5%	±5%	±10%
Cross Reg.	±5%	±5/-3%	±5%	±5%	±5%
Line Reg.	±1%	±1%	±1%	±1%	±1%
Ripple	±1%	±1%	±1%	±1%	±1%
Noise	±1%	±1%	±1%	±2%	±1%

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	112,77 hrs
EMI & Safety Approval	UL, TUV
Temperature/Humidity	Operating: 0 ~ 40°C, 20 ~ 80%RH Storage: -20 ~ 80°C, 10 ~ 90%RH
Dimension (WxDxH)	101 x 300 x 82 mm; 3.97" x 11.81" x 3.23"

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 328W

ORDERING GUIDE

- **ORION-B3502**
350W 2U ATX redundant power supply with active PFC

DC OUTPUT

	+5V	+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
Load Reg.	±5%	±5%	±5%	±10%	±10%	±5%
Line Reg.	±1%	±1.5%	±1%	±2.4%	±1%	±1%
Ripple & Noise	50mv	50mv	100mv	150mv	150mv	50mv