

# 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, cUL, TUV, CE, FCC
Temperature/Humidity	Operating: 0 ~ 50°C, 20 ~ 90%RH Storage: -20 ~ 60°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

	+5	+3.3V	+12V	-5V	-12V	+5Vsb
<b>Max. Load</b>	45A	30A	18A	0.3A	0.8A	2A
<b>Min. Load</b>	3A	0A	1A	0A	0A	0A
<b>Max. Watt.</b>	370W	370W	370W	1.5W	9.6W	10W
<b>Load Reg.</b>	±5%	±5/-3%	±5%	±5%	±5%	±10%
<b>Cross Reg.</b>	±5%	±5/-3%	±5%	±10%	±5%	±5%
<b>Line Reg.</b>	±1%	±1%	±1%	±1%	±1%	±1%
<b>Ripple</b>	±1%	±1%	±1%	±1%	±1%	±1%
<b>Noise</b>	±1%	±1%	±1%	±2%	±2%	±1%