

# ORION-D3502P

350W+350W mini-redundant with active PFC power supply



## SPECIFICATION

Input Voltage	100V~240V AC
Input Frequency	47 ~ 63 Hz
Input Current	6A@115V, 3A@230V
Efficiency	> 80%
Holdup Time	16 ms. at full load
Over Voltage Protection	3.3@4.5V; 5V@6.5V; 12V@14.5V
MTBF	> 100,000 hrs
EMI & Safety Approval	UL, cUL, TUV, CE, FCC
Temperature/Humidity	Operating: 0°C ~ 40°C, 20% ~ 90%RH Storage: -20°C ~ 60°C, 5% ~ 95%RH
Dimension (WxDxH)	150 x 190 x 84 mm; 5.9" x 7.2 x 3.4"

## FEATURES

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

## DC OUTPUT

	+5V	+3.3V	+12V	-5V	-12V	+5Vsb
Max. Load	20A	20A	18A	0.5A	0.8A	2A
Min. Load	0.5A	0.5A	0.5A	0A	0A	0A
Load Reg.	±5%	±5%	±5%	±10%	±5%	±5%
Cross Reg.	±5%	±5%	±5%	±10%	±5%	±5%
Line Reg.	±1%	±1%	±1%	±1%	±1%	±1%
Ripple	50mv	50mv	120mv	200mv	200mv	50mv
Noise	50mv	50mv	120mv	200mv	200mv	50mv

## ORDERING GUIDE

- **ORION-D3502P**  
350W+350W mini-redundant power supply with active PFC (PS/2 bracket is available)

# ORION-D4602P

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



## 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°C ~ 40°C, 20% ~ 90%RH Storage: -40°C ~ 70°C, 5% ~ 95%RH
Dimension (WxDxH)	150 x 190 x 85 mm; 5.9" x 7.5" x 3.3"

## FEATURES

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

## DC OUTPUT

	+5V	+3.3V	+12V	-12V	+5Vsb
Max. Load	25A	25A	30A	0.8A	2A
Min. Load	2A	2A	2.5A	0A	0A
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%

## ORDERING GUIDE

- **ORION-D4602P**  
460W+460W mini-redundant power supply with active PFC (PS/2 bracket is available)