

# ORION-4005H/3005H

400W+400W/300W+300W horizontal dual PS/2 ATX redundant power supply



## Specification

Input Voltage	90V ~ 132V, 180V ~ 264V AC selectable
Input Frequency	47 ~ 63 Hz
Input Current	9A@115V, 5A@230V
Efficiency	> 70%
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	+5V, +12V, +3.3V, output power over 110% ~ 130%
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)	353x201x105 mm; 13.9"x7.9"x4.1"

## FEATURE

- Dual PS/2 power supply suitable for 6U and up chassis
- ATX 2.01 standard compliant
- Two independent AC inputs

## ORDERING GUIDE

### ORION-4005H

400W+400W horizontal dual PS/2 ATX redundant power supply

### ORION-3005H

300W+300W horizontal dual PS/2 ATX redundant power supply

## DC Output

	+5	+3.3V	+12V	-5V	-12V	+5Vsb
Max. Load	50A	30A	15A	1.5A	1.5A	1A
Min. Load	3A	0.5A	0.5A	0A	0A	0A
Max. Watt.	370W	370W	370W	7.5W	18W	5W
Load Reg.	±5%	±5/-3%	±5%	±5%	±5%	±10%
Cross Reg.	±5%	±5/-3%	±5%	±10%	±5%	±5%
Line Reg.	±1%	±1%	±1%	±1%	±1%	±1%
Ripple	±1%	±1%	±1%	±1%	±1%	±1%
Noise	±1%	±1%	±1%	±2%	±2%	±1%

# ORION-2302

230W 2U ATX redundant power supply



## Specification

Input Voltage	90V ~ 132V, 180V ~ 264V AC selectable
Input Frequency	47 ~ 63 Hz
Input Current	4A@115V, 2A@230V
Efficiency	> 75%
Holdup Time	16 ms. at full load
Over Voltage Protection	+5V: 5.15 ~ 6.45V; +3.3V: 3.7 ~ 4.5V; +12V: 12.6 ~ 15.6V
Over Power/Load Protection	Output power over 120%
MTBF	176,000 hrs
EMI & Safety Approval	UL, cUL, TUV
Temperature/Humidity	Operating: 0 ~ 40°C, 20 ~ 90%RH Storage: -20 ~ 60°C, 5 ~ 95%RH
Dimension (WxDxH)	86x181x109 mm; 3.4"x7.1"x4.3"

## FEATURE

- Mini-redundant power supply suitable for 2U and up chassis
- Max. +5V standby output is 1.5A

## ORDERING GUIDE

### ORION-2302

230W 2U ATX redundant power supply

## DC Output

	+5	+3.3V	+12V	-5V	-12V	+5Vsb
Max. Load	25A	15A	13A	0.5A	1A	1.5A
Min. Load	3A	0A	1A	0A	0A	0A
Max. Watt.	210W	210W	210W	14.5W	14.5W	7.5W
Load Reg.	±5%	±5%	±6%	±10%	±10%	±5%
Cross Reg.	±5%	±5%	±6%	±10%	±10%	±5%
Line Reg.	±1%	±1%	±1%	±1%	±1%	±1%
Ripple	±1%	±1%	±1%	±1%	±1%	±1%
Noise	±1%	±1%	±1%	±2%	±2%	±1%