

**Model: R1J-300I1H2A0 (300watt + 300watt)  
300W Redundant Power Supply for 1U chassis**



## Features

- Hot-Swappable & Power Sharing capability.
- Full Range AC Input.
- Efficiency:  $\geq 80\%$  at full load.
- Active PFC.
- Hold-Up Time: 16ms at maximum load & normal input voltage.
- OVER VOLTAGE PROTECTION.
- SHORT CIRCUIT PROTECTION.
- OVER POWER PROTECTION.
- NO LOAD OPERATION.
- ENVIRONMENT TEMPERATURE
  - Operation Temperature: 0°C to 50°C
  - Cooling: By forced air
  - Storage Temperature: -20°C to 70°C
  - Humidity: 5 to 90% non-condensing.
- RELIABILITY
  - MTBF OF POWER SUPPLY ELECTRONIS
  - 100,000 hours at full load and 25°C ambient temperature
  - LIFE EXPECTANCY OF FAN 40,000 hours at 40°C
- Dimension (L x W x H): 260 X 106 X 41.50 mm / 10.23 x 4.17 x 1.63 (inches)

## AC Input

- Input voltage: 90 ~ 264VAC Full-Range.
- Frequency: 50/60 Hz.
- Input Current: 7A (RMS) for 115V AC, 3A (RMS) for 230VAC.
- Inrush Current: 35A for 115VAC, 70A for 230VAC.

## DC Output

Output Voltage	+3.3V DC	+5V DC	+12V DC	-12V DC	+5VSB
Output Current(Max)	20A	20A	24A	0.5A	2A
Output Current(Min.)	1A	1A	2A	0A	0.5A
Ripple/Noise Max.(P-P):	60mv	60mv	120mv	120mv	60mV
Line Regulation:	±1%	±1%	±1%	±1%	±1%
Load Regulation:	±5%	±5%	±5%	±5%	±5%

+5V&+3.3V TOTAL OUTPUT MAX.: 140W ; Power module Total output power not exceed 300W.

## Connectors

Output Connector						
Quantity	(20+4)P x1	M8P x1	M4P x1	HDD x5	Floppy x 1	S.ATA x 3

## Mechanical Drawing

