

PS3002 400W 2U Redundant



AC Input :

VOLTAGE : 100~240V(Active PFC/Full Range)

FREQUENCY : 47~63Hz

POWER FACTOR CORRECTION : 0.95

INPUT CURRENT : 8A/4A For 115/230VAC

INRUSH CURRENT : 60A/80A MAX FOR 115/230

DC Output :

| OUTPUT VOLTAGE | OUTPUT CURRENT | | REGULATION | | OUTPUT RIPPLE & NOISE MAX. [P-P] |
|----------------|----------------|-----------|------------|------|------------------------------------|
| | MIN (A) | MAX (A) | LOAD | LINE | |
| +5V | 3 | 40 | ±5% | ±1% | 50mV |
| +12V | 2 | 28 | ±5% | ±1% | 120mV |
| -5V | 0.1 | 0.5 | ±10% | ±1% | 150mV |
| -12V | 0.1 | 0.8 | ±10% | ±1% | 150mV |
| +3.3V | 1 | 20 | ±5% | ±1% | 50mV |
| +5VSB | 0.1 | 2 | ±5% | ±1% | 50mV |

The combined output power +5V&+3.3V shall not exceed 40A.

The total power shall not exceed 400W.

Features...

- ⊙ TEMPERATURE RANGE : Operation 0°C ~ 50°C
- ⊙ HOLD UP TIME : 16ms at maximum load & normal input voltage
- ⊙ EFFICIENCY : 70% TYPICAL (Normal Line)
- ⊙ POWER GOOD SIGNAL : Should be asserted high to indicate that+5VDC and +3.3VDC output are above the low voltage thresholds. Compatible signal out with 100ms to 500ms.
- ⊙ OVER POWER PROTECTION : The power supply shall shut down output power exceeds 130% to 160%
- ⊙ OVER VOLTAGE PROTECTION : +5V, +3.3V and +12V DC outputs set at 110%-130%
- ⊙ SHORT CIRCUIT PROTECTION : A short circuit placed between the DC return and the output shall cause no damage and the power supply shall shutdown.
- ⊙ EMI : FCC part 15, subpart B, Class B, EN55022 CISPR22 Class B.
- ⊙ Meet EN-61000-3-2 CLASS D (Active PFC)
- ⊙ GAENCY APPROVALS : UL60950, CAN/CSA22.2 No.60950, TUV(IEC60950)
- ⊙ MTBF OF POWER SUPPLY ELECTRONNIS : 100,000 hours at 25°C.
LIFE EXPCTANCY OF FAN 40,000 hours at 40°C
- ⊙ COLLING : By forced air 1x40mm Fan (Each module)
- ⊙ DIMENSION : D280 X W101 X H84mm