



*Professional Power supply ..... Industrial PC, Server, Storage*

*Best Solution Guide*

### AC Input :

VOLTAGE : 100~240V, (Active PFC)

FREQUENCY : 47~63Hz

INPUT CURRENT : 9A

INRUSH CURRENT : 65A/125A 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              | 30        | ±5%        | ±1%  | 50mV                               |
| +12V1          | 1              | 16        | ±5%        | ±1%  | 120mV                              |
| +12V2          | 1              | 16        | ±5%        | ±1%  | 120mV                              |
| -5V            | 0.1            | 0.8       | ±10%       | ±1%  | 150mV                              |
| -12V           | 0.1            | 1         | ±10%       | ±1%  | 150mV                              |
| +3.3V          | 1              | 30        | ±5%        | ±1%  | 50mV                               |
| +5VSB          | 0.1            | 2         | ±5%        | ±1%  | 50mV                               |

The combined output power +5V&+3.3V shall not exceed 30A.

The combined output power +5V & +12V & +3.3V maximum output 538W.

The total power shall not exceed 550W.

### Features...

- ⊙ TEMPERATURE RANGE : Operation 0°C ~ 50°C
- ⊙ HOLD UP TIME : 16ms at maximum load & normal input voltage
- ⊙ EFFICIENCY : 68% 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 : Standard on +5.0V, set at 6.25VDC ± 0.75VDC
- ⊙ 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)
- ⊙ REMOTE ON/OFF CONTROL : When PS-ON is pulled to TTL Low, the DC output is to be enabled, When PS-OFF is pulled to TTL high, the DC output is to be disabled.
- ⊙ COLLING : By forced air 1x80mm Fan
- ⊙ DIMENSION : D145 X W150 X H86mm