



GENERAL SPEC.

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|---------------------|--|
| Hold-up Time | 17ms@max. load 115Vac/60Hz & 230Vac/50Hz |
| Dimensions | 190 x 150 x 86 (mm) |
| MTBF | 100K ⁺ hrs |
| Output Rise Time | 0.2~20ms |
| PG Signal Rise Time | 10ms max. |

ENVIRONMENTAL SPEC.

| | |
|-----------------------|------------|
| Operating Temperature | 0 ~ 50°C |
| Storage Temperature | -40 ~ 70°C |

OUTPUT CURRENT CAPACITY

| Voltage | Regulation | Min. Load | Max. Load | Combined |
|---------|-------------|-----------|-----------|----------|
| +5V | 4.75~5.25 | 0A | 25A | 166W |
| +3.3V | 3.13~3.46 | 0A | 25A | |
| +12V1 | 11.4~12.6 | 0.1A | 25A | 860W |
| +12V2 | 11.4~12.6 | 0.1A | 25A | |
| +12V3 | 11.4~12.6 | 0.1A | 25A | |
| +12V4 | 11.4~12.6 | 0.1A | 25A | |
| -12V | -10.8~-13.2 | 0A | 0.5A | 6W |
| +5Vsb | 4.75~5.25 | 0A | 4A | 20W |

MODEL SELECTION

| Part Number | PFC | Input Voltage |
|-------------|------------|---------------|
| API7052 | Active PFC | 110~240Vac |

FEATURES

- Active Clamp Forward Converter design
- 3.3V & 5V DC-DC VRM module - increase efficiency
- Overclocking capability
- Scratch-resistant wrinkle paint casing
- Compliance with 80 PLUS Silver - efficiency 85%, 88%, 85%
- Support multi-GPU SLI & Crossfire
- Intelligent-thermal fan control
- Japanese made & solid state capacitors

INPUT SPEC.

| | |
|-----------------------|--|
| Input Voltage Range | 110~240Vac |
| Input Frequency Range | 50~60Hz |
| Leakage Current | 3.5mA@120V/60Hz |
| AC Input Current | 12A@115V; 6.3A@230V |
| PFC (Harmonic) | Meet EN61000-3-2 Class D (115V/60Hz & 230V/50Hz) |
| EMI/RFI | CISPR 22 Class B |

OUTPUT SPEC.

| | |
|-------------|--|
| Rated Power | 900W |
| Efficiency | 85% ⁺ @20%, 88% ⁺ @50%, 85% ⁺ @100% loads |
| OVP | +3.3V:4.5V,+5V:7V,+12V1/V2/V3/V4:16V |
| OC | Latch off all main outputs if over current |
| OTP | Latch off all main outputs if over temperature |
| SCP | Latch off all main outputs reset by cycling on/off control or AC power |

SAFETY

UL, CUL, FCC, TUV, NEMKO, CB, CE, CCC, BSMI, C-Tick, MIC

OUTLINE DRAWING

