

EFAP-M251

Flex ATX 250W Power Supply

Features:

0~40°C Working Temperature

Small Form Factor

General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: 0.95 minimum
- Efficiency: >75% @ 115VAC
- Hold Up Time: 16ms minimum, at full load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- Over Temperature Protection
- Over Power Protection
- MTBF >100,000 Hours@25°C
- Operating Temperature: 0 to 40 °C
- Operating Humidity: 5 to 95 %
- EMI/RFI: CE, FCC class B
- Safety: UL, TUV, CCC, CB, BSMI



Input and Output Characteristics

| Input | | | Output | | | | | | |
|----------------|-----------|---------|----------|-------|-----|------|------|-----|-------|
| Voltage | Frequency | Current | Load | +3.3V | +5V | +12V | -12V | -5V | +5VSB |
| 100~240 VAC | 47~63Hz | 6~3A | Max.Load | 12A | 12A | 13A | 0.5A | | 2A |
| | | | Min.Load | 2A | 1A | 2A | 0.1A | | 0A |

- The +5 & +3.3 Volt combine total output shall not exceed 90W
- The +5, +3.3 and +12 Volt combine total output shall not exceed 250W

Ripple and Noise

| Output | +3.3V | +5V | +12V | -12V | 5Vsb |
|-----------------|-------|------|-------|-------|------|
| Load Regulation | ±5% | ± 5% | ± 5% | ± 10% | ± 5% |
| Line Regulation | ± 1% | ± 1% | ± 1% | ± 2% | ± 1% |
| Ripple & Noise | 50mV | 50mV | 120mV | 120mV | 50mV |

Outline Dimension: 81.5x40x150(mm)

Outline Drawing

