

PS2 Type Industrial Power Supply

VTC2533

ATX12V

400 watts Output Power
ATX12V 6 Output Rails
Meet 4U Rack Mount System



Dimensions: 150(W) x 86(H) x 160(D) mm

Features:

- ⦿ ATX12V Form Factor
- ⦿ Universal Power Input
- ⦿ Over Power Protection
- ⦿ Short Circuit Protection
- ⦿ Over Current Protection
- ⦿ Over Voltage Protection
- ⦿ Dual Processors Application
- ⦿ Remote DC Sense on +5V and +3.3V
- ⦿ Active power Factor Correction
- ⦿ MTBF >100,000 Hours

General Specifications:

- ⦿ Input Range: 100 to 240 VAC, +/-10%
- ⦿ Power Factor: 0.95 minimum
- ⦿ Efficiency: 70% minimum, at full load
- ⦿ Hold up Time: 20mS minimum, at full load
- ⦿ PSON (Remote ON/OFF): TTL compatible signal
- ⦿ Power Good: 100 to 500 ms, TTL compatible signal
- ⦿ Cooling Fan: 80x80x20 mm
- ⦿ Operating Temperature: 0 to 50 centigrade degree
- ⦿ Operating Humidity: 20 to 90 %

Agency Requirements:

- ⦿ Harmonic: Meet EN61000-3-2 standards
- ⦿ EMI/RFI: CE, FCC class B and CISPR class B
- ⦿ Safety: UL, cUL, CB, TUV

Electrical Specifications:

Regulation, Ripple & Noise:

| Output | +5V | +3.3V | +12V | -5V | -12V | 5Vsb |
|------------------|------|-------|-------|-------|-------|------|
| Load Regulation | ± 5% | ± 5% | ± 5% | ± 5% | ± 5% | ± 5% |
| Cross Regulation | ± 5% | ± 5% | ± 5% | ± 5% | ± 5% | ± 5% |
| Line Regulation | ± 1% | ± 1% | ± 1% | ± 1% | ± 1% | ± 1% |
| Ripple & Noise | 50mV | 50mV | 120mV | 100mV | 120mV | 50mV |

Input and Output Ratings:

| Input | | | Output | | | | | | | |
|--------------|-----------|---------|--------|----------|-----|-------|------|------|------|------|
| Voltage | Frequency | Current | Watt | Load | +5V | +3.3V | +12V | -5V | -12V | 5Vsb |
| 90 – 264 VAC | 47-63 Hz | 7A max | 480W | Max Load | 45A | 30A | 20A | 1.5A | 1.5A | 2A |
| | | | | Min Load | 3A | 0A | 1A | 0A | 0A | 0A |