

# 2U Type Industrial Power Supply

## VTC2533

ATX12V

**300 watts Output Power**

**5 Output Rails**

**ATX12V Application**

**Meet 2U Rack Mount System**



Dimensions: 100(W) x 70(H) x 249.5(D) mm

### Features:

- ⦿ ATX12V, 5 Output Rails
- ⦿ Harmonic: Meet EN61000-3-2 standards
- ⦿ Universal Power Input
- ⦿ Active Power Factor Correction
- ⦿ Remote DC Sense on +5V and +3.3V
- ⦿ Short Circuit Protection
- ⦿ Over Current Protection
- ⦿ Over Voltage Protection
- ⦿ Over Power Protection
- ⦿ 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: 60x60x20 mm
- ⦿ Operating Temperature: 0 to 50 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%	± 10%	± 10%	± 5%
Cross Regulation	± 5%	± 5%	± 5%	± 10%	± 10%	± 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	6A max	300W	Max Load	30A	30A	15A	--	0.8A	2A
				Min Load	3A	0A	1A	--	0A	0A