

# TC-2U50PD8

## 500W 2U High Efficiency Switching Power Supply



### Features

- High Efficiency 82% minimum
- 16ms Hold Up Time
- Triple 12V Circuitry
- Low Noise Design <38dB @100% Load
- Over Current Protection
- Over Voltage Protection
- Short Circuits Protection

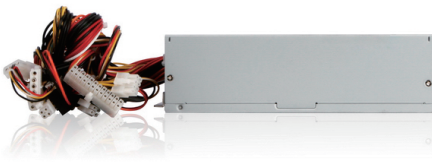
### Specifications

Model Number	Efficiency
TC-2U50PD8	82%
RoHS Compliance	Connector Type
YES	Main Connector :: 24 pin/ 4+4pin 12V :: 1/ 8pin EPS 12V :: 1/ Molex :: 4 SATA :: 4/ Floppy :: 1
Output Wattage	Dimensions (WxHxD)
500	Width 3.94" ( 100.1 mm ) Height 2.76" ( 70.1 mm ) Depth 9.45" ( 240.0 mm )

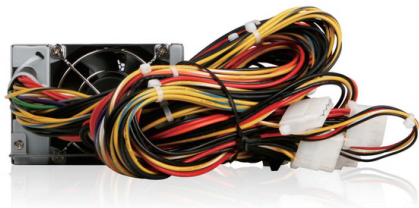
### Front View



### Side View

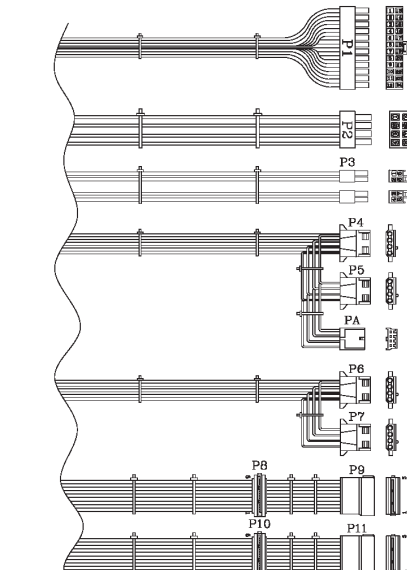
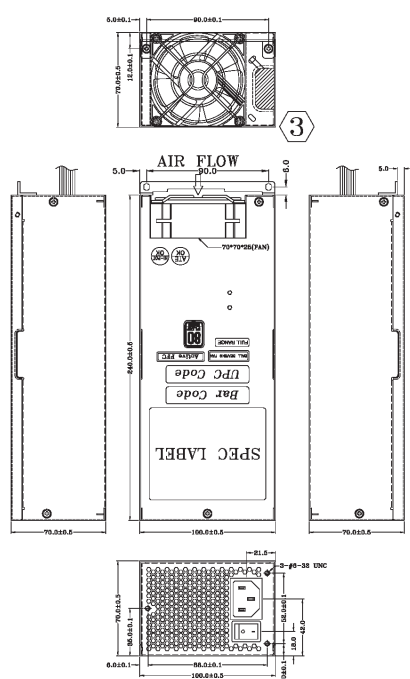


### Rear View



We at iStarUSA Group offer OEM/ODM services for Industrial Power, Custom Power, Chassis, Cabinets, and Data Storage. Through our skilled metal bending, milling, and silk screening we can provide you with unique customizations that will make your product stand out from the rest. With iStarUSA Group's OEM/ODM Solutions you can be sure to receive one-of-a-kind products for your one-of-a-kind business.

## Dimensions



NOTE:

1. ALL THE LENGTH OF OUTPUT WIRES EXCLUDE HOUSING.

REV.	NO.	REVISION	WIRE COLOR	GAUGE	CONNECTION TYPE	CABLE LENGTH
1	1	+3.3VDC	ORANGE	18		300±15mm
1	2	+5VDC	ORANGE	18		
1	3	COM	BLACK	18		
1	4	+12V1	RED	18		
1	5	+12V2	RED	18		
1	6	+12V3	RED	18		
1	7	COM	BLACK	18		
1	8	PE-GND	GRAY	18		
1	9	+5VSB	PURPLE	18		
1	10	+12V3	RED	18		
1	11	+12V3	RED	18		
1	12	+5VDC	ORANGE	18		
1	13	+5VDC	ORANGE	18		
1	14	+5VDC	BROWN	22		
1	15	+5VDC	RED	18		
1	16	COM	BLACK	18		
1	17	COM	BLACK	18		
1	18	COM	BLACK	18		
1	19	COM	BLACK	18		
1	20	-5V	WHITE	18		
1	21	+5VDC	RED	18		
1	22	+5VDC	RED	18		
1	23	COM	BLACK	18		
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1	98	COM	BLACK	18		
1	99	COM	BLACK	18		
1	100	COM	BLACK	18		

UNIT:mm

## Compatible Chassis

\* Please visit our website [www.istarusa.com/en/xeal](http://www.istarusa.com/en/xeal) for a full list of compatible chassis

## Output Rating

Output	Nominal	Regulation	Ripple/Noise	Min	Max	peak
1	+3.3V	±5%	50mV	0.5A	24.0 A	
2	+5V	±5%	50mV	0.5A	20.0 A	
3	+12V1	±5%	120mV	1.0A	15.0 A	
4	+12V2	±5%	120mV	1.0A	15.0 A	
5	+12V3	±5%	120mV	1.0A	15.0 A	
6	-12V	±10%	120mV	0 A	0.5 A	
7	+5VSB	±5%	50mV	0 A	2.5A	