

# 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 )

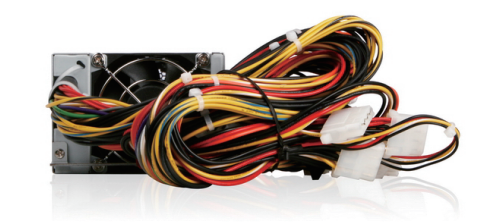
### Front View



### Side View

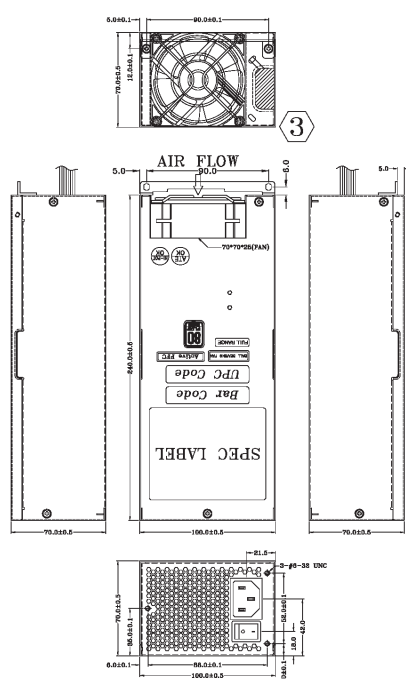


### Rear View



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.

REF. ID	TYPE NO.	REMARK	DATE	BY	COORDINATOR	CABLE LENGTH
					TYPE	
P1	2	135VDC CHANCE	15	1		500±15m
	3	135VDC BLACK	15	1		
	4	135VDC RED	15	1	W402	
	5	135VDC BLACK	15	1	OR EQUIV.	
	6	135VDC RED	15	1		
	7	COM BLACK	15	1		
	8	COM CHRY	15	1		
	9	135VDC PURPLE	15	1		
	10	135VDC WHITE	15	1		
	11	135VDC WHITE	15	1		
P2	12	135VDC WHITE	15	1		
	13	135VDC BROWN	22	1		
	14	135VDC	19	1		
	15	COM BLACK	15	1		
	16	COM BROWN	15	1		
	17	COM BLACK	15	1		
	18	COM BROWN	15	1		
	19	COM BLACK	15	1		
	20	COM WHITE	15	1		
	21	135VDC	15	1		
P3	22	135VDC	15	1		
	23	135VDC	15	1		
	24	COM BLACK	15	1		
	25	COM RED	15	1		
	26	COM BLACK	15	1		
	27	COM RED	15	1		
	28	COM BLACK	15	1		
	29	COM RED	15	1		
	30	COM BLACK	15	1		
	31	COM RED	15	1		
P4	32	135VDC	15	1		
	33	135VDC	15	1		
	34	135VDC	15	1		
	35	135VDC	15	1		
	36	135VDC	15	1		
	37	135VDC	15	1		
	38	135VDC	15	1		
	39	135VDC	15	1		
	40	135VDC	15	1		
	41	135VDC	15	1		
P5	42	135VDC	15	1		
	43	135VDC	15	1		
	44	135VDC	15	1		
	45	135VDC	15	1		
	46	135VDC	15	1		
	47	135VDC	15	1		
	48	135VDC	15	1		
	49	135VDC	15	1		
	50	135VDC	15	1		
	51	135VDC	15	1		
P6	52	135VDC	15	1		
	53	135VDC	15	1		
	54	135VDC	15	1		
	55	135VDC	15	1		
	56	135VDC	15	1		
	57	135VDC	15	1		
	58	135VDC	15	1		
	59	135VDC	15	1		
	60	135VDC	15	1		
	61	135VDC	15	1		
P7	62	135VDC	15	1		
	63	135VDC	15	1		
	64	135VDC	15	1		
	65	135VDC	15	1		
	66	135VDC	15	1		
	67	135VDC	15	1		
	68	135VDC	15	1		
	69	135VDC	15	1		
	70	135VDC	15	1		
	71	135VDC	15	1		
P8	72	135VDC	15	1		
	73	135VDC	15	1		
	74	135VDC	15	1		
	75	135VDC	15	1		
	76	135VDC	15	1		
	77	135VDC	15	1		
	78	135VDC	15	1		
	79	135VDC	15	1		
	80	13				
	P9	81	135VDC	15	1	
82		135VDC	15	1		
83		135VDC	15	1		
84		135VDC	15	1		
85		135VDC	15	1		
86		135VDC	15	1		
87		135VDC	15	1		
88		135VDC	15	1		
89		135VDC	15	1		
90		135VDC	15	1		
P10	91	135VDC	15	1		
	92	135VDC	15	1		
	93	135VDC	15	1		
	94	135VDC	15	1		
	95	135VDC	15	1		
	96	135VDC	15	1		
	97	135VDC	15	1		
	98	135VDC	15	1		
	99	135VDC	15	1		
	100	135VDC	15	1		
P11	101	135VDC	15	1		
	102	135VDC	15	1		
	103	135VDC	15	1		
	104	135VDC	15	1		
	105	135VDC	15	1		
	106	135VDC	15	1		
	107	135VDC	15	1		
	108	135VDC	15	1		
	109	135VDC	15	1		
	110	135VDC	15	1		

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	