

TC-1U46PD8

1U 460W High Efficiency Switching Power Supply



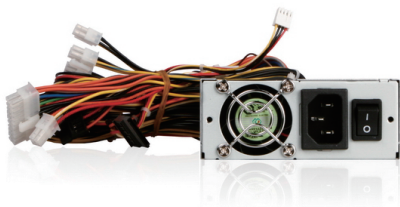
Features

- Complied with EPS12V Standard
- High Efficiency 80% minimum
- Active Power Factor Correction (PFC) Meet EN61000-3-2
- Compatible with European Union Directive 2002/95/EC (RoHS)
- Thermal Fan Speed Control Function
- Output Over Voltage, Short Circuit, and Over Current Protection
- 100% Hi-pot, ATE, and Burn-in Tested

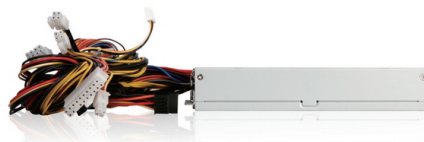
Specifications

Model Number	Efficiency
TC-1U46PD8	80%
RoHS Compliance	Connector Type
YES	Main Connector :: 24 pin/ 4pin 12V :: 1/ 8pin EPS 12V :: 1/ Molex :: 3 SATA :: 4/ Floppy :: 1/ 8pin PCIE :: 1
Output Wattage	Dimensions (WxHxD)
460	Width 3.94" (100.1 mm) Height 1.59" (40.4 mm) Depth 8.66" (220.0 mm)

Front View



Side View

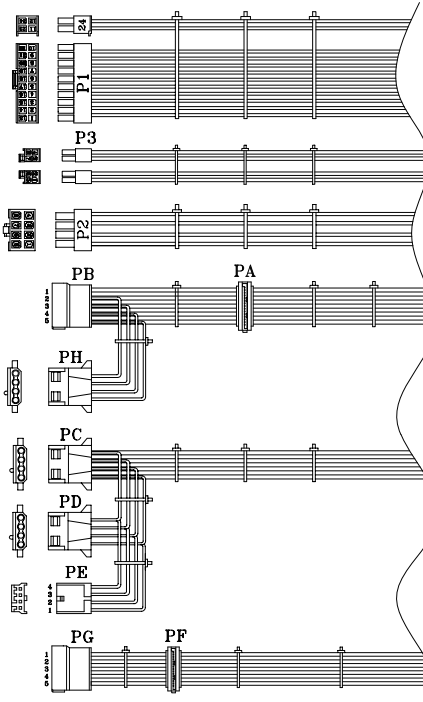
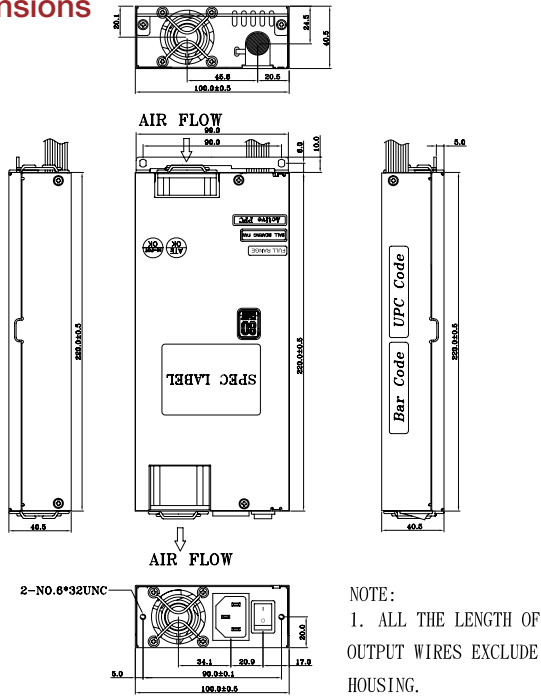


Rear View



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



REP ID	PIN NO.	SIGNAL	WIRE COLOR	GAUGE	CONNECTOR TYPE	CABLE LENGTH
P1 / 24	1	+3.3VDC	ORANGE	18	JWT	895±20mm
	2	+3.3VDC	ORANGE	18	C4802H02	
	3	COM	BLACK	18	-A20P+	
	4	+5VDC	RED	18	C4802H02	
	5	COM	BLACK	18	-44P+	
	6	+5VDC	RED	18	OR RQVY	
	7	COM	BLACK	18		
	8	PE -OK	GRAY	18		
	9	+5Vsb	PURPLE	18		
	10	+12V3	YELLOW/WHITE	18		
	11	+12V3	YELLOW/WHITE	18		
	12	+3.3VDC	ORANGE	18		
	13	+3.3VDC	ORANGE	18		
	14	-12VDC	BLUE	18		
	15	COM	BLACK	18		
	16	PS -OK	GREEN	18		
	17	COM	BLACK	18		
	18	COM	BLACK	18		
	19	COM	BLACK	18		
	20					
	21	+5VDC	RED	18		
	22	+5VDC	RED	18		
	23	+5VDC	RED	18		
	24	COM	BLACK	18		
P2	1	COM	BLACK	18	MOLDEX	850±20mm
	2	COM	BLACK	18	38-01-	
	3	COM	BLACK	18	20B0	
	4	COM	BLACK	18	OR RQVY.	
	5	+12V1	YELLOW/BLACK	18		
	6	+12V1	YELLOW/BLACK	18		
	7	+12V1	YELLOW/BLACK	18		
P3	1	COM	BLACK	18	WST	850±20mm
	2	COM	BLACK	18	P4-142002	
	3	COM	BLACK	18	83B+	
	4	COM	BLACK	18	P4-142002	
	5	+12V2	YELLOW/BLACK	18	X4B	
	6	+12V2	YELLOW/BLACK	18	OR RQVY	
	7	+12V2	YELLOW/BLACK	18		
PC	1	+3V3	YELLOW/WHITE	18	AMP	500±20mm
	2	COM	BLACK	18	1-480454-	
	3	COM	BLACK	18	OR RQVY.	
	4	+5V	RED	18		
PH	1	+12V3	YELLOW/WHITE	18	AMP	150±10mm
	2	COM	BLACK	18	1-480454-	
	3	COM	BLACK	18	OR RQVY.	
	4	+5V	RED	18		
PD	1	+5V	RED	22	AMP	150±10mm
	2	COM	BLACK	22	171822-4	
	3	COM	BLACK	22	OR RQVY.	
	4	+12V3	YELLOW/WHITE	22		
PE	1	+3.3VDC	ORANGE	18	CL1871HND	500±20mm
	2	COM	BLACK	18	-15P	
	3	+5V	RED	18	OR RQVY.	
	4	COM	BLACK	18		
PG	1	+3.3VDC	ORANGE	18	CL1870H00	180±10mm
	2	COM	BLACK	18	-15P	
	3	+5V	RED	18	OR RQVY.	
	4	COM	BLACK	18		
PF	1	+3.3VDC	ORANGE	18	CL1871HND	500±20mm
	2	COM	BLACK	18	-15P	
	3	+5V	RED	18	OR RQVY.	
	4	COM	BLACK	18		

UNIT:mm

Compatible Chassis

* Please visit our website 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	20.0 A	
2	+5V	±5%	50mV	0.5A	20.0 A	
3	+12V1	±5%	120mV	1.0A	16.0 A	
4	+12V2	±5%	120mV	1.0A	16.0 A	
5	+12V3	±5%	120mV	1.0A	16.0 A	
6	-12V	±10%	120mV	0 A	0.5 A	
7	+5VSB	±5%	50mV	0 A	2.5A	