

TC-500PD8

500W PS2 ATX High Efficiency Switching Power Supply



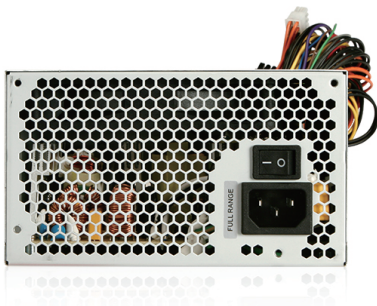
Features

- Complies with ATX/EPS 12V Standards
- Dual 12V Rails
- High Reliability: MTBF>100,000 hours
- Protection: Over Current, Over Voltage, and Short-Circuit
- Active PFC Circuit
- Full Range Input
- 120mm Low Noise Ball Bearing Fan
- High Efficiency 82% minimum
- ROHS Compliance

Specifications

Model Number	Efficiency
TC-500PD8	80%
RoHS Compliance	Connector Type
YES	Main Connector :: 20+4 pin/ 4pin 12V :: 1/ 6+2 Pin PCIE :: 1/ Molex :: 3 SATA :: 4/ Floppy :: 1/ 6pin PCIE :: 1
Output Wattage	Dimensions (WxHxD)
500	Width 5.91" (150.1 mm) Height 3.39" (86.1 mm) Depth 5.51" (140.0mm)

Front View



Side View

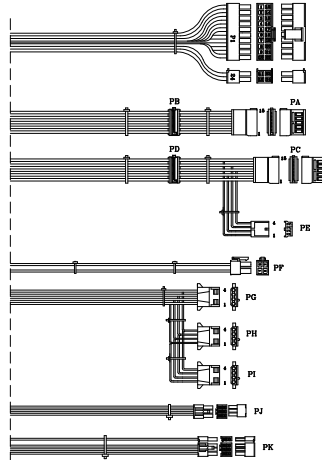
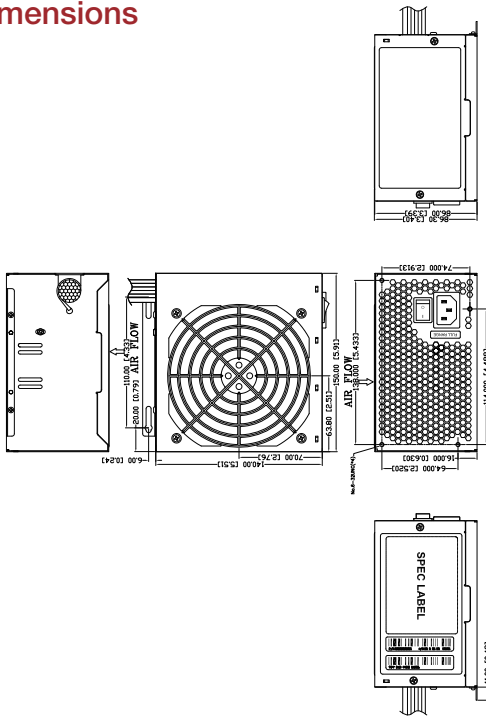


Rear View



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



REF	NO	MINI	WIRE	CONDUCTOR	LENGTH	REF	NO	MINI	WIRE	CONDUCTOR	LENGTH
P1	1	1A-SPIC	ORANGE	18 AWG	400±10mm	PC	1	1A-SPIC	ORANGE	18 AWG	400±10mm
	2	1A-SPIC	ORANGE	18 AWG	400±10mm		2	1A-SPIC	ORANGE	18 AWG	400±10mm
	3	1A-SPIC	ORANGE	18 AWG	400±10mm		3	1A-SPIC	ORANGE	18 AWG	400±10mm
	4	1A-SPIC	ORANGE	18 AWG	400±10mm		4	1A-SPIC	ORANGE	18 AWG	400±10mm
PA	1	1A-SPIC	ORANGE	18 AWG	400±10mm	PH	1	1A-SPIC	ORANGE	18 AWG	400±10mm
	2	1A-SPIC	ORANGE	18 AWG	400±10mm		2	1A-SPIC	ORANGE	18 AWG	400±10mm
	3	1A-SPIC	ORANGE	18 AWG	400±10mm		3	1A-SPIC	ORANGE	18 AWG	400±10mm
	4	1A-SPIC	ORANGE	18 AWG	400±10mm		4	1A-SPIC	ORANGE	18 AWG	400±10mm
PB	1	1A-SPIC	ORANGE	18 AWG	400±10mm	PI	1	1A-SPIC	ORANGE	18 AWG	400±10mm
	2	1A-SPIC	ORANGE	18 AWG	400±10mm		2	1A-SPIC	ORANGE	18 AWG	400±10mm
	3	1A-SPIC	ORANGE	18 AWG	400±10mm		3	1A-SPIC	ORANGE	18 AWG	400±10mm
	4	1A-SPIC	ORANGE	18 AWG	400±10mm		4	1A-SPIC	ORANGE	18 AWG	400±10mm
PC	1	1A-SPIC	ORANGE	18 AWG	400±10mm	PJ	1	1A-SPIC	ORANGE	18 AWG	400±10mm
	2	1A-SPIC	ORANGE	18 AWG	400±10mm		2	1A-SPIC	ORANGE	18 AWG	400±10mm
	3	1A-SPIC	ORANGE	18 AWG	400±10mm		3	1A-SPIC	ORANGE	18 AWG	400±10mm
	4	1A-SPIC	ORANGE	18 AWG	400±10mm		4	1A-SPIC	ORANGE	18 AWG	400±10mm
PD	1	1A-SPIC	ORANGE	18 AWG	400±10mm	PK	1	1A-SPIC	ORANGE	18 AWG	400±10mm
	2	1A-SPIC	ORANGE	18 AWG	400±10mm		2	1A-SPIC	ORANGE	18 AWG	400±10mm
	3	1A-SPIC	ORANGE	18 AWG	400±10mm		3	1A-SPIC	ORANGE	18 AWG	400±10mm
	4	1A-SPIC	ORANGE	18 AWG	400±10mm		4	1A-SPIC	ORANGE	18 AWG	400±10mm

NOTE:
1. ALL THE LENGTH OF OUTPUT WIRES EXCLUDE HOUSING.

UNIT:mm

Compatible Chassis

* Please visit our website www.istarusa.com/en/xeal for a full list of compatible chassis

Output Rating

	MINIMUM LOAD	NORMAL LOAD	MAXIMUM LOAD	LOAD REG.	LINE REG.	RIPPLE & NOISE
+3.3V	0.5A	14.77A	24A	±5%	±1%	50mV P-P
+5V	0.3A	12.31A	20A	±5%	±1%	50mV P-P
+12V1	0.5A	15.62A	18A	±5%	±1%	120mV P-P
+12V2	0.5A	15.62A	18A	±5%	±1%	120mV P-P
-12V	0A	0.28A	0.3A	±10%	±2%	200mV P-P
+5Vsb	0A	2.3A	2.5A	±5%	±1%	50mV P-P