

TC-700PD8B

700W PS2 ATX High Efficiency Switching Power Supply



Features

- Complies with ATX/EPS 12V Standards
- High Reliability: MTBF>100,000 hours
- Protection: Over Current, Over Voltage, and Short-Circuit
- Active PFC Circuit
- Full Range Input
- High Efficiency 82% minimum
- Front Load 80mm Fan

Specifications

Model Number	Efficiency
TC-700PD8B	80%
RoHS Compliance	Connector Type
YES	Main Connector :: 20+4 pin/ 4+4pin 12V :: 1/ 8pin EPS 12V :: 1/ 6+2 Pin PCIE :: 2 Molex :: 5/ SATA :: 4/ Floppy :: 1
Output Wattage	Dimensions (WxHxD)
700	Width 5.91" (150.1 mm) Height 3.39" (86.1 mm) Depth 5.51" (140.0mm)

Front View



Side View

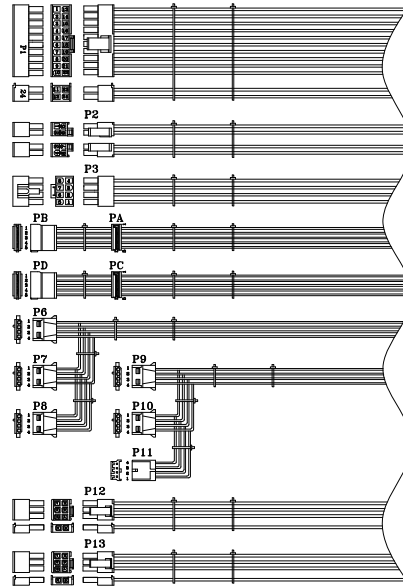
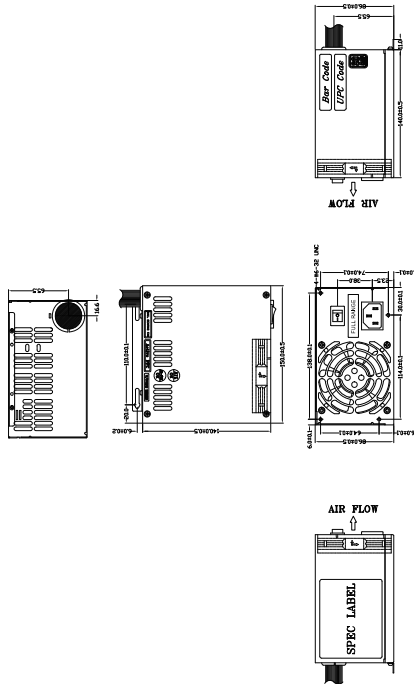


Rear View



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 ID	PN	WIRE	WIRE	WIRE	CONNECTION	CABLE
					TYPE	LENGTH
P1	1	+3.3VDC	ORANGE	18	WTF	500±10mm
	2	+3.3VDC	ORANGE	18	WTF	500±10mm
	3	COM	BLACK	18	14000811B	500±10mm
	4	+5VDC	RED	18	P4	500±10mm
	5	COM	BLACK	18	14000811B	500±10mm
	6	+5VDC	RED	18	or RQVTV	500±10mm
	7	COM	BLACK	18	14000811B	500±10mm
	8	PF-OK	GRAY	22	14000811B	500±10mm
	9	+5VDC	RED	18	14000811B	500±10mm
	10	+12V3	Yel/Blue	18	14000811B	500±10mm
	11	+12V3	Yel/Blue	18	14000811B	500±10mm
	12	+3.3VDC	ORANGE	18	14000811B	500±10mm
	13	+3.3VDC	ORANGE	18	14000811B	500±10mm
	14	+5VDC	RED	18	14000811B	500±10mm
	15	COM	BLACK	18	14000811B	500±10mm
	16	PS-ON	GREEN	22	14000811B	500±10mm
	17	COM	BLACK	18	14000811B	500±10mm
	18	COM	BLACK	18	14000811B	500±10mm
	19	COM	BLACK	18	14000811B	500±10mm
	20	COM	BLACK	18	14000811B	500±10mm
	21	+5VDC	RED	18	14000811B	500±10mm
	22	+5VDC	RED	18	14000811B	500±10mm
	23	COM	BLACK	18	14000811B	500±10mm
	24	COM	BLACK	18	14000811B	500±10mm
P6	1	+12V4	Yel/White	18	AMP	450±10mm
	2	COM	BLACK	18	14000811B	450±10mm
	3	COM	BLACK	18	14000811B	450±10mm
	4	+5V	RED	18	AMP	450±10mm
P9	1	+12V4	Yel/White	18	AMP	450±10mm
	2	COM	BLACK	18	14000811B	450±10mm
	3	COM	BLACK	18	14000811B	450±10mm
	4	+5V	RED	18	AMP	450±10mm
P7	1	+12V4	Yel/White	18	AMP	450±10mm
	2	COM	BLACK	18	14000811B	450±10mm
	3	COM	BLACK	18	14000811B	450±10mm
	4	+5V	RED	18	AMP	450±10mm
P10	1	+12V4	Yel/White	18	AMP	450±10mm
	2	COM	BLACK	18	14000811B	450±10mm
	3	COM	BLACK	18	14000811B	450±10mm
	4	+5V	RED	18	AMP	450±10mm
P11	1	+12V4	Yel/White	18	AMP	450±10mm
	2	COM	BLACK	18	14000811B	450±10mm
	3	COM	BLACK	18	14000811B	450±10mm
	4	+5V	RED	18	AMP	450±10mm
PA	1	+3.3VDC	ORANGE	18	WOLF	450±10mm
	2	COM	BLACK	18	SD-87888	450±10mm
	3	+5V	RED	18	-081	450±10mm
	4	+12V4	Yel/White	18	or RQVTV	450±10mm
PC	1	+3.3VDC	ORANGE	18	WOLF	450±10mm
	2	COM	BLACK	18	SD-87888	450±10mm
	3	+5V	RED	18	-081	450±10mm
	4	+12V4	Yel/White	18	or RQVTV	450±10mm
PB	1	+3.3VDC	ORANGE	18	WOLF	450±10mm
	2	COM	BLACK	18	SD-87888	450±10mm
	3	+5V	RED	18	-081	450±10mm
	4	+12V4	Yel/White	18	or RQVTV	450±10mm
PD	1	+3.3VDC	ORANGE	18	WOLF	450±10mm
	2	COM	BLACK	18	SD-87888	450±10mm
	3	+5V	RED	18	-081	450±10mm
	4	+12V4	Yel/White	18	or RQVTV	450±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

Output	Nominal	Regulation	Ripple/Noise	Min	Max	peak
1	+3.3V	±5%	50mV	0.3A	24.0 A	
2	+5V	±5%	50mV	1.0A	30.0 A	
3	+12V1	±5%	120mV	1A	16A	
4	+12V2	±5%	120mV	1A	16A	
5	+12V3	±5%	120mV	1A	16A	
6	+12V4	±5%	120mV	0.5A	16A	
7	-12V	±10%	120mV	0.0 A	0.5 A	
8	+5VSB	±5%	50mV	0 A	4.0A	