

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

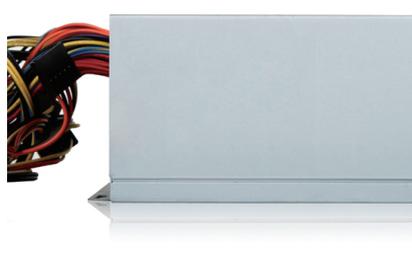
Specifications

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

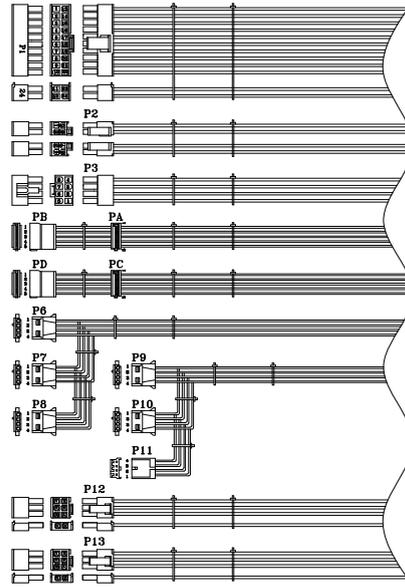
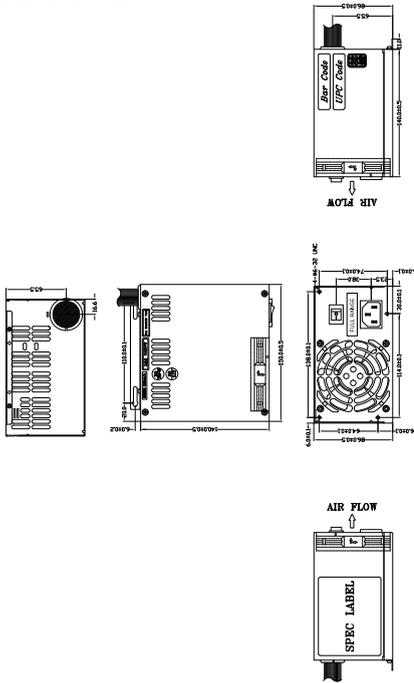


Rear View



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. NO.	PN	WIRE COLOR	WIRE GAUGE	CONDUCTOR TYPE	CABLE LENGTH						
P1	1	+3.3VDC	ORANGE	18 AWG	500±10mm						
	2	+3.3VDC	ORANGE	18 AWG							
	3	COM	BLACK	18 AWG							
	4	+5VDC	RED	18 AWG							
	5	COM	BLACK	18 AWG							
	6	+5VDC	RED	18 AWG							
	7	COM	BLACK	18 AWG							
	8	PS-ON	GRAY	22 AWG							
	9	+5VDC	RED	18 AWG							
	10	+12V1	Yel/Black	18 AWG							
	11	+12V2	Yel/Black	18 AWG							
	12	+3.3VDC	ORANGE	18 AWG							
	13	+3.3VDC	ORANGE	18 AWG							
	14	+5VDC	RED	18 AWG							
P2	1	COM	BLACK	18 AWG	500±10mm						
	2	COM	BLACK	18 AWG							
	3	COM	BLACK	18 AWG							
	4	COM	BLACK	18 AWG							
	5	COM	BLACK	18 AWG							
	6	+12V1	Yel/Black	18 AWG							
	7	+12V2	Yel/Black	18 AWG							
	8	+12V3	Yel/Black	18 AWG							
	9	COM	BLACK	18 AWG							
	10	COM	BLACK	18 AWG							
	11	COM	BLACK	18 AWG							
	12	COM	BLACK	18 AWG							
	13	COM	BLACK	18 AWG							
	P3	1	COM	BLACK		18 AWG	500±10mm				
2		COM	BLACK	18 AWG							
3		COM	BLACK	18 AWG							
4		COM	BLACK	18 AWG							
5		COM	BLACK	18 AWG							
6		+12V1	Yel/Black	18 AWG							
7		+12V2	Yel/Black	18 AWG							
8		+12V3	Yel/Black	18 AWG							
9		COM	BLACK	18 AWG							
10		COM	BLACK	18 AWG							
11		COM	BLACK	18 AWG							
12		COM	BLACK	18 AWG							
13		COM	BLACK	18 AWG							
14		COM	BLACK	18 AWG							
P12	1	COM	BLACK	18 AWG	500±10mm						
	2	COM	BLACK	18 AWG							
	3	COM	BLACK	18 AWG							
	4	COM	BLACK	18 AWG							
	5	COM	BLACK	18 AWG							
	6	+12V1	Yel/Black	18 AWG							
	7	+12V2	Yel/Black	18 AWG							
	8	+12V3	Yel/Black	18 AWG							
	9	COM	BLACK	18 AWG							
	10	COM	BLACK	18 AWG							
	11	COM	BLACK	18 AWG							
	12	COM	BLACK	18 AWG							
	13	COM	BLACK	18 AWG							
	14	COM	BLACK	18 AWG							
P13	1	COM	BLACK	18 AWG	500±10mm						
	2	COM	BLACK	18 AWG							
	3	COM	BLACK	18 AWG							
	4	COM	BLACK	18 AWG							
	5	COM	BLACK	18 AWG							
	6	+12V1	Yel/Black	18 AWG							
	7	+12V2	Yel/Black	18 AWG							
	8	+12V3	Yel/Black	18 AWG							
	9	COM	BLACK	18 AWG							
	10	COM	BLACK	18 AWG							
	11	COM	BLACK	18 AWG							
	12	COM	BLACK	18 AWG							
	13	COM	BLACK	18 AWG							
	14	COM	BLACK	18 AWG							
P6	1	+12V1	Yel/White	18 AWG	500±10mm						
	2	COM	BLACK	18 AWG							
	3	COM	BLACK	18 AWG							
	4	+5V	RED	18 AWG							
	P9	1	+12V1	Yel/White		18 AWG	500±10mm				
		2	COM	BLACK		18 AWG					
		3	COM	BLACK		18 AWG					
		4	+5V	RED		18 AWG					
		P7	1	+12V1		Yel/White		18 AWG	500±10mm		
			2	COM		BLACK		18 AWG			
			3	COM		BLACK		18 AWG			
			4	+5V		RED		18 AWG			
			P8	1		+12V1		Yel/White		18 AWG	500±10mm
				2		COM		BLACK		18 AWG	
3				COM	BLACK	18 AWG					
4				+5V	RED	18 AWG					
P10				1	+12V1	Yel/White		18 AWG		500±10mm	
				2	COM	BLACK		18 AWG			
	3			COM	BLACK	18 AWG					
	4			+5V	RED	18 AWG					
	P11			1	+12V1	Yel/White	18 AWG	500±10mm			
				2	COM	BLACK	18 AWG				
		3		COM	BLACK	18 AWG					
		4		+5V	RED	18 AWG					
		P4		1	+3.3VDC	ORANGE	18 AWG		450±15mm		
				2	COM	BLACK	18 AWG				
			3	+5V	RED	18 AWG					
			4	+5V	RED	18 AWG					
			P5	1	+3.3VDC	ORANGE	18 AWG				450±15mm
				2	COM	BLACK	18 AWG				
3				+5V	RED	18 AWG					
4				+5V	RED	18 AWG					
P14				1	+3.3VDC	ORANGE	18 AWG			200±10mm	
				2	COM	BLACK	18 AWG				
	3			+5V	RED	18 AWG					
	4			+5V	RED	18 AWG					
	5			+5VSB	BLACK	18 AWG					

REF. NO.	PN	WIRE COLOR	WIRE GAUGE	CONDUCTOR TYPE	CABLE LENGTH
P2	1	COM	BLACK	18 AWG	500±10mm
	2	COM	BLACK	18 AWG	
	3	COM	BLACK	18 AWG	
	4	COM	BLACK	18 AWG	
	5	COM	BLACK	18 AWG	
	6	+12V1	Yel/Black	18 AWG	
	7	+12V2	Yel/Black	18 AWG	
	8	+12V3	Yel/Black	18 AWG	
	9	COM	BLACK	18 AWG	
	10	COM	BLACK	18 AWG	
	11	COM	BLACK	18 AWG	
	12	COM	BLACK	18 AWG	
	13	COM	BLACK	18 AWG	
	14	COM	BLACK	18 AWG	
P3	1	COM	BLACK	18 AWG	500±10mm
	2	COM	BLACK	18 AWG	
	3	COM	BLACK	18 AWG	
	4	COM	BLACK	18 AWG	
	5	COM	BLACK	18 AWG	
	6	+12V1	Yel/Black	18 AWG	
	7	+12V2	Yel/Black	18 AWG	
	8	+12V3	Yel/Black	18 AWG	
	9	COM	BLACK	18 AWG	
	10	COM	BLACK	18 AWG	
	11	COM	BLACK	18 AWG	
	12	COM	BLACK	18 AWG	
	13	COM	BLACK	18 AWG	
	14	COM	BLACK	18 AWG	
P12	1	COM	BLACK	18 AWG	500±10mm
	2	COM	BLACK	18 AWG	
	3	COM	BLACK	18 AWG	
	4	COM	BLACK	18 AWG	
	5	COM	BLACK	18 AWG	
	6	+12V1	Yel/Black	18 AWG	
	7	+12V2	Yel/Black	18 AWG	
	8	+12V3	Yel/Black	18 AWG	
	9	COM	BLACK	18 AWG	
	10	COM	BLACK	18 AWG	
	11	COM	BLACK	18 AWG	
	12	COM	BLACK	18 AWG	
	13	COM	BLACK	18 AWG	
	14	COM	BLACK	18 AWG	
P13	1	COM	BLACK	18 AWG	500±10mm
	2	COM	BLACK	18 AWG	
	3	COM	BLACK	18 AWG	
	4	COM	BLACK	18 AWG	
	5	COM	BLACK	18 AWG	
	6	+12V1	Yel/Black	18 AWG	
	7	+12V2	Yel/Black	18 AWG	
	8	+12V3	Yel/Black	18 AWG	
	9	COM	BLACK	18 AWG	
	10	COM	BLACK	18 AWG	
	11	COM	BLACK	18 AWG	
	12	COM	BLACK	18 AWG	
	13	COM	BLACK	18 AWG	
	14	COM	BLACK	18 AWG	

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	