

TC-1U70PD8

1U 700W High Efficiency Switching Power Supply



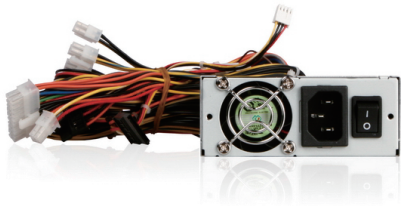
Features

- Over Current Protection
- Over Voltage Protection
- Short Circuits Protection
- High Efficiency 82% minimum
- 100% Hi-pot, ATE, and Burn-in Tested
- Complied with ATX12V /EPS12V Standard

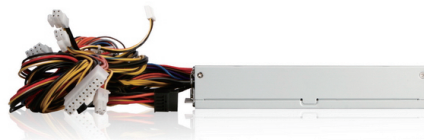
Specifications

Model Number	Connector Type
TC-1U70PD8	Main Connector :: 20+4 pin/ 4+4pin 12V :: 1/ 8pin EPS 12V :: 1/ 6+2 Pin PCIE :: 1 Molex :: 5/ SATA :: 6/ Floppy :: 1
RoHS Compliance	Dimensions (WxHxD)
YES	Width 3.94" (100.1 mm) Height 1.60" (40.6 mm) Depth 9.85" (250.2 mm)
Output Wattage	
700	

Front View



Side View

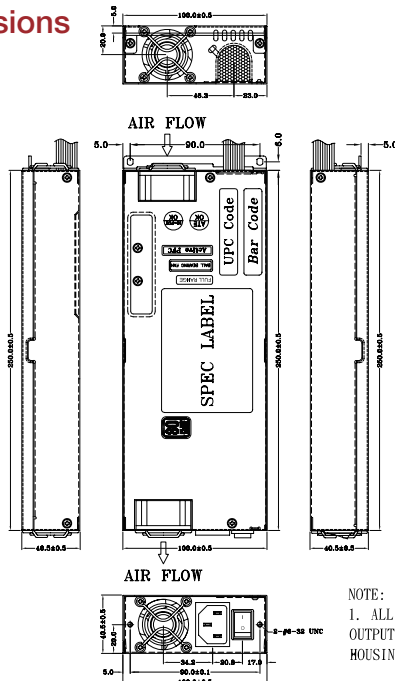


Rear View

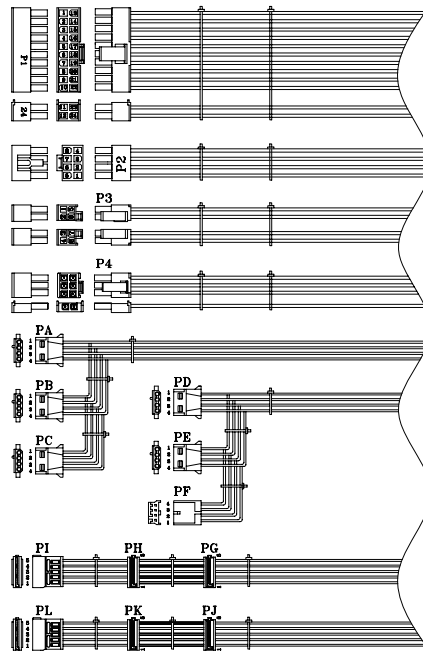


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Dimensions



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



REF. IN	REF. IN	NOMINAL	WIRE COLOR	WIRE GAUGE	CONNECTION TYPE	CABLE LENGTH		
P1	1	+3.3VDC	ORANGE	18	WTF	500±15mm		
	2	+3.3VDC	ORANGE	18	POS*			
	3	COM	BLACK	18	1400000118			
	4	+5VDC	RED	18	P4			
	5	COM	BLACK	18	1400000118			
	6	+5VDC	RED	18	1400000118			
	7	COM	BLACK	18	1400000118			
	8	12V-0V	GRAY	22	1400000118			
	9	+5VSB	PURPLE	18	1400000118			
	10	+12V	Yel/White	18	1400000118			
	11	+12V	Yel/White	18	1400000118			
	12	+3.3VDC	ORANGE	18	1400000118			
	13	+3.3VDC	ORANGE	18	1400000118			
	14	+5VDC	BROWN	22	1400000118			
P2	15	COM	BLACK	18	1400000118	500±15mm		
	16	12V-0V	GREEN	22	1400000118			
	17	COM	BLACK	18	1400000118			
	18	COM	BLACK	18	1400000118			
	19	COM	BLACK	18	1400000118			
	20							
	21	+5VDC	RED	18	1400000118			
	22	+5VDC	RED	18	1400000118			
	23	+5VDC	RED	18	1400000118			
	24	COM	BLACK	18	1400000118			
	P3	1	COM	BLACK	18		1400000118	500±15mm
		2	COM	BLACK	18		1400000118	
		3	COM	BLACK	18		1400000118	
		4	COM	BLACK	18		1400000118	
5		+5V	YELLOW	18	1400000118			
6		+5V	YELLOW	18	1400000118			
7		+12V	Yel/Blue	18	1400000118			
8		+12V	Yel/Blue	18	1400000118			
P4	1	COM	BLACK	18	1400000118	500±15mm		
	2	COM	BLACK	18	1400000118			
	3	COM	BLACK	18	1400000118			
	4	COM	BLACK	18	1400000118			
	5	+12V	Yel/Black	18	1400000118			
	6	+12V	Yel/Black	18	1400000118			
	7	+12V	Yel/Black	18	1400000118			
	8	+12V	Yel/Black	18	1400000118			
PA	1	+12V	Yel/Black	18	AMP	400±15mm		
	2	COM	BLACK	18	1400000118			
	3	COM	BLACK	18	1400000118			
	4	+5V	RED	18	1400000118			
PB	1	+12V	Yel/Black	18	AMP	150±10mm		
	2	COM	BLACK	18	1400000118			
	3	COM	BLACK	18	1400000118			
PC	1	+5V	RED	18	AMP	150±10mm		
	2	COM	BLACK	18	1400000118			
	3	COM	BLACK	18	1400000118			
PD	1	+5V	RED	18	AMP	150±10mm		
	2	COM	BLACK	18	1400000118			
	3	COM	BLACK	18	1400000118			
	4	+12V	Yel/Black	18	1400000118			
PE	1	+3.3VDC	ORANGE	18	MOLEX	400±15mm		
	2	COM	BLACK	18	SD-87008			
	3	+5V	RED	18	-001			
PF	1	+3.3VDC	ORANGE	18	MOLEX	150±10mm		
	2	COM	BLACK	18	SD-87008			
	3	+5V	RED	18	-001			
PG	1	+3.3VDC	ORANGE	18	MOLEX	150±10mm		
	2	COM	BLACK	18	SD-87008			
	3	+5V	RED	18	-001			
PH	1	+3.3VDC	ORANGE	18	MOLEX	150±10mm		
	2	COM	BLACK	18	SD-87008			
	3	+5V	RED	18	-001			
PI	1	+3.3VDC	ORANGE	18	MOLEX	150±10mm		
	2	COM	BLACK	18	SD-87008			
	3	+5V	RED	18	-001			
PL	1	+3.3VDC	ORANGE	18	MOLEX	150±10mm		
	2	COM	BLACK	18	SD-87008			
	3	+5V	RED	18	-001			

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	24.0 A	
2	+5V	±5%	50mV	0.5A	30.0 A	
3	+12V1	±5%	120mV	0.5A	16.0 A	
4	+12V2	±5%	120mV	0.5A	16.0 A	
5	+12V3	±5%	120mV	0.5A	16.0 A	
6	+12V4	±5%	120mV	0.5A	16.0 A	
7	-12V	±10%	120mV	0.05 A	0.5 A	
8	+5VSB	±5%	50mV	0.1 A	4.0A	