

TC-400PD8

400W PS2 ATX High Efficiency Switching Power Supply



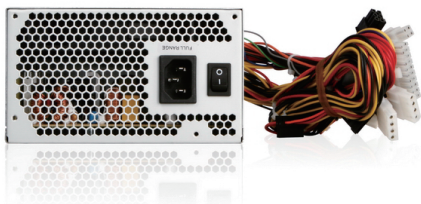
Features

- 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 80% minimum
- ROHS Compliance

Specifications

Model Number	Efficiency
TC-400PD8	80%
RoHS Compliance	Connector Type
YES	Main Connector :: 20+4 pin/ 4pin 12V :: 1/ Molex :: 3/ SATA :: 4/ Floppy :: 2 6pin PCIE :: 1
Output Wattage	Dimensions (WxHxD)
400	Width 5.91" (150.1 mm) Height 3.39" (86.1 mm) Depth 5.51" (140.0mm)

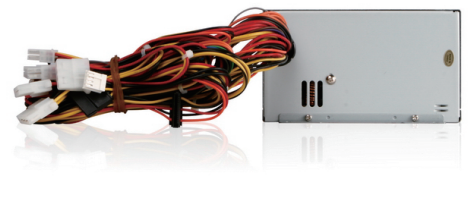
Front View



Side View

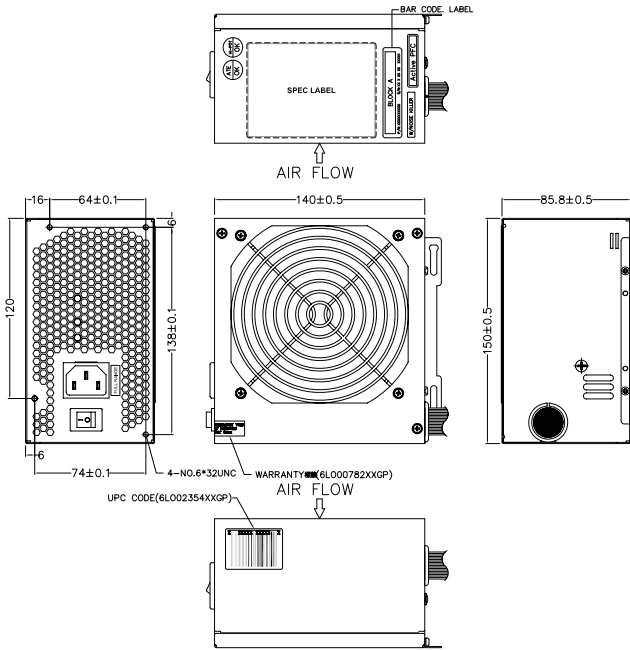


Rear View

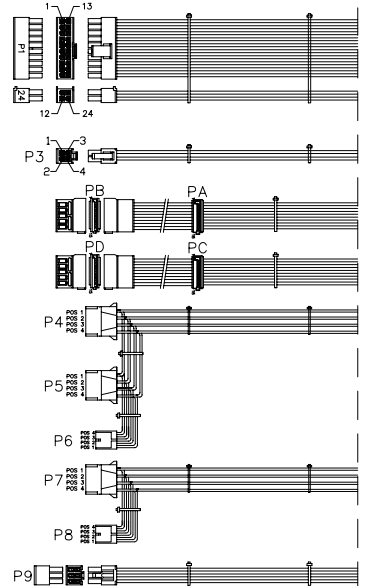


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Dimensions



REF. ID	PIN NO	SIGNAL	WIRE COLOR	GAUGE	CONNECTOR TYPE	CABLE LENGTH
P1 / 24	1	+3.3VDC	ORANGE	18	WST	500±20mm
	2	+3.3VDC	ORANGE	18	P20-I42002K11D+	
	3	COM	BLACK	18	P4-I42002K11D	
	4	+5VDC	RED	18	or EQUIV.	
	5	COM	BLACK	18		
	6	+5VDC	RED	18		
	7	COM	BLACK	18		
	8	PW_OK	GRAY	24		
	9	+5VSB	PURPLE	20		
	10	+12V1	YELLOW	18		
	11	+3.3VDC	ORANGE	18		
	12	+3.3VDC	ORANGE	18		
	13	+3.3VDC	ORANGE	18		
	14	+3.3VDC	BROWN	24		
	15	-12VDC	BLUE	24		
	16	COM	BLACK	18		
	17	COM	GREEN	24		
	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		
P3	1	COM	BLACK	18	MOLEX	500±20mm
	2	COM	BLACK	18	39-01-2040	
	3	+12V2	YEL/BLK	16	or EQUIV.	
	4	+12V2	YEL/BLK	16		
PA	1	+3.3VDC	ORANGE	20	MOLEX	320±20mm
	2	COM	BLACK	20	SD-67926-0011	
	3	+5VDC	RED	20	or EQUIV.	
	4	COM	BLACK	20		
PB	1	+3.3VDC	ORANGE	20	MOLEX	150±10mm
	2	COM	BLACK	20	SD-67582-001	
	3	+5VDC	RED	20	or EQUIV.	
	4	COM	BLACK	20		
PD	1	+12V1	YELLOW	20		
	2	COM	BLACK	18	AMP	
	3	+5VDC	RED	20	1-480424-0	
	4	+5VDC	RED	18	or EQUIV.	
P4	1	+12V1	YELLOW	18	AMP	500±20mm
	2	COM	BLACK	18		
	3	+5VDC	RED	18		
	4	+5VDC	RED	18		
P5	1	+12V1	YELLOW	18	AMP	150±10mm
	2	COM	BLACK	18	1-480424-0	
	3	+5VDC	RED	18	or EQUIV.	
	4	+5VDC	RED	18		
P6	1	+3.3VDC	RED	20	AMP	150±10mm
	2	COM	BLACK	20		
	3	+5VDC	RED	20	171822-4	
	4	+5VDC	RED	20	or EQUIV.	
P7	1	+12V1	YELLOW	20		500±20mm
	2	+12V1	YELLOW	20	WST	
	3	+12V1	YELLOW	20	P6-I42002BK5	
	4	COM	BLACK	20	or EQUIV.	
P8	1	+12V1	YELLOW	20		500±20mm
	2	+12V1	YELLOW	20		
	3	+12V1	YELLOW	20		
	4	COM	BLACK	20		
P9	1	+12V1	YELLOW	20		500±20mm
	2	+12V1	YELLOW	20		
	3	+12V1	YELLOW	20		
	4	COM	BLACK	20		



Compatible Chassis

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

Output Rating

Output	MINIMUM LOAD	NORMAL LOAD	MAXIMUM LOAD	PEAK LOAD	LOAD REG.	LINE REG.	Ripple & Noise
+3.3V	0.1A	12A	24A		±5%	±1%	50mV P-P
+5V	0.2A	11.5A	23A		±5%	±1%	50mV P-P
+12V1	0.1A	8.5A	17A		±5%	±1%	120mV P-P
+12V2	0.5A	7.5A	15A	18A	±5%	±1%	120mV P-P
-12V	0A	0.25A	0.5A		±10%	±1%	120mV P-P
+5VSB	0A	1.25A	2.5A	3.5A	±5%	±1%	50mV P-P