

TC-750PD8

750W 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
- 120mm Low Noise Ball Bearing Fan
- High Efficiency 80% minimum

Specifications

Model Number	Efficiency
TC-750PD8	80%
RoHS Compliance	Connector Type
YES	Main Connector :: 24 pin/ 4+4pin 12V :: 1/ 6+2 Pin PCIe :: 4/ Molex :: 3 SATA :: 9/ Floppy :: 1
Output Wattage	Dimensions (WxHxD)
750	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.	NO.	WIRE COLOR	WIRE GAUGE	WIRE LENGTH	CONNECTION	WIRE LENGTH
H1	1	+12V	YELLOW	18	18 AWG	500 ±2 mm
	2	+5V	RED	18	18 AWG	500 ±2 mm
	3	COM	BLACK	18	18 AWG	500 ±2 mm
	4	COM	BLACK	18	18 AWG	500 ±2 mm
	5	COM	BLACK	18	18 AWG	500 ±2 mm
	6	COM	BLACK	18	18 AWG	500 ±2 mm
	7	COM	BLACK	18	18 AWG	500 ±2 mm
	8	COM	BLACK	18	18 AWG	500 ±2 mm
	9	COM	BLACK	18	18 AWG	500 ±2 mm
	10	COM	BLACK	18	18 AWG	500 ±2 mm
	11	COM	BLACK	18	18 AWG	500 ±2 mm
	12	COM	BLACK	18	18 AWG	500 ±2 mm
H2	1	+12V	YELLOW	18	18 AWG	500 ±2 mm
	2	+5V	RED	18	18 AWG	500 ±2 mm
	3	COM	BLACK	18	18 AWG	500 ±2 mm
	4	COM	BLACK	18	18 AWG	500 ±2 mm
	5	COM	BLACK	18	18 AWG	500 ±2 mm
	6	COM	BLACK	18	18 AWG	500 ±2 mm
	7	COM	BLACK	18	18 AWG	500 ±2 mm
	8	COM	BLACK	18	18 AWG	500 ±2 mm
	9	COM	BLACK	18	18 AWG	500 ±2 mm
	10	COM	BLACK	18	18 AWG	500 ±2 mm
	11	COM	BLACK	18	18 AWG	500 ±2 mm
	12	COM	BLACK	18	18 AWG	500 ±2 mm
H3	1	+12V	YELLOW	18	18 AWG	500 ±2 mm
	2	+5V	RED	18	18 AWG	500 ±2 mm
	3	COM	BLACK	18	18 AWG	500 ±2 mm
	4	COM	BLACK	18	18 AWG	500 ±2 mm
	5	COM	BLACK	18	18 AWG	500 ±2 mm
	6	COM	BLACK	18	18 AWG	500 ±2 mm
	7	COM	BLACK	18	18 AWG	500 ±2 mm
	8	COM	BLACK	18	18 AWG	500 ±2 mm
	9	COM	BLACK	18	18 AWG	500 ±2 mm
	10	COM	BLACK	18	18 AWG	500 ±2 mm
	11	COM	BLACK	18	18 AWG	500 ±2 mm
	12	COM	BLACK	18	18 AWG	500 ±2 mm
H4	1	+12V	YELLOW	18	18 AWG	500 ±2 mm
	2	+5V	RED	18	18 AWG	500 ±2 mm
	3	COM	BLACK	18	18 AWG	500 ±2 mm
	4	COM	BLACK	18	18 AWG	500 ±2 mm
	5	COM	BLACK	18	18 AWG	500 ±2 mm
	6	COM	BLACK	18	18 AWG	500 ±2 mm
	7	COM	BLACK	18	18 AWG	500 ±2 mm
	8	COM	BLACK	18	18 AWG	500 ±2 mm
	9	COM	BLACK	18	18 AWG	500 ±2 mm
	10	COM	BLACK	18	18 AWG	500 ±2 mm
	11	COM	BLACK	18	18 AWG	500 ±2 mm
	12	COM	BLACK	18	18 AWG	500 ±2 mm
H5	1	+12V	YELLOW	18	18 AWG	500 ±2 mm
	2	+5V	RED	18	18 AWG	500 ±2 mm
	3	COM	BLACK	18	18 AWG	500 ±2 mm
	4	COM	BLACK	18	18 AWG	500 ±2 mm
	5	COM	BLACK	18	18 AWG	500 ±2 mm
	6	COM	BLACK	18	18 AWG	500 ±2 mm
	7	COM	BLACK	18	18 AWG	500 ±2 mm
	8	COM	BLACK	18	18 AWG	500 ±2 mm
	9	COM	BLACK	18	18 AWG	500 ±2 mm
	10	COM	BLACK	18	18 AWG	500 ±2 mm
	11	COM	BLACK	18	18 AWG	500 ±2 mm
	12	COM	BLACK	18	18 AWG	500 ±2 mm
H6	1	+12V	YELLOW	18	18 AWG	500 ±2 mm
	2	+5V	RED	18	18 AWG	500 ±2 mm
	3	COM	BLACK	18	18 AWG	500 ±2 mm
	4	COM	BLACK	18	18 AWG	500 ±2 mm
	5	COM	BLACK	18	18 AWG	500 ±2 mm
	6	COM	BLACK	18	18 AWG	500 ±2 mm
	7	COM	BLACK	18	18 AWG	500 ±2 mm
	8	COM	BLACK	18	18 AWG	500 ±2 mm
	9	COM	BLACK	18	18 AWG	500 ±2 mm
	10	COM	BLACK	18	18 AWG	500 ±2 mm
	11	COM	BLACK	18	18 AWG	500 ±2 mm
	12	COM	BLACK	18	18 AWG	500 ±2 mm
H7	1	+12V	YELLOW	18	18 AWG	500 ±2 mm
	2	+5V	RED	18	18 AWG	500 ±2 mm
	3	COM	BLACK	18	18 AWG	500 ±2 mm
	4	COM	BLACK	18	18 AWG	500 ±2 mm
	5	COM	BLACK	18	18 AWG	500 ±2 mm
	6	COM	BLACK	18	18 AWG	500 ±2 mm
	7	COM	BLACK	18	18 AWG	500 ±2 mm
	8	COM	BLACK	18	18 AWG	500 ±2 mm
	9	COM	BLACK	18	18 AWG	500 ±2 mm
	10	COM	BLACK	18	18 AWG	500 ±2 mm
	11	COM	BLACK	18	18 AWG	500 ±2 mm
	12	COM	BLACK	18	18 AWG	500 ±2 mm
H8	1	+12V	YELLOW	18	18 AWG	500 ±2 mm
	2	+5V	RED	18	18 AWG	500 ±2 mm
	3	COM	BLACK	18	18 AWG	500 ±2 mm
	4	COM	BLACK	18	18 AWG	500 ±2 mm
	5	COM	BLACK	18	18 AWG	500 ±2 mm
	6	COM	BLACK	18	18 AWG	500 ±2 mm
	7	COM	BLACK	18	18 AWG	500 ±2 mm
	8	COM	BLACK	18	18 AWG	500 ±2 mm
	9	COM	BLACK	18	18 AWG	500 ±2 mm
	10	COM	BLACK	18	18 AWG	500 ±2 mm
	11	COM	BLACK	18	18 AWG	500 ±2 mm
	12	COM	BLACK	18	18 AWG	500 ±2 mm
H9	1	+12V	YELLOW	18	18 AWG	500 ±2 mm
	2	+5V	RED	18	18 AWG	500 ±2 mm
	3	COM	BLACK	18	18 AWG	500 ±2 mm
	4	COM	BLACK	18	18 AWG	500 ±2 mm
	5	COM	BLACK	18	18 AWG	500 ±2 mm
	6	COM	BLACK	18	18 AWG	500 ±2 mm
	7	COM	BLACK	18	18 AWG	500 ±2 mm
	8	COM	BLACK	18	18 AWG	500 ±2 mm
	9	COM	BLACK	18	18 AWG	500 ±2 mm
	10	COM	BLACK	18	18 AWG	500 ±2 mm
	11	COM	BLACK	18	18 AWG	500 ±2 mm
	12	COM	BLACK	18	18 AWG	500 ±2 mm
H10	1	+12V	YELLOW	18	18 AWG	500 ±2 mm
	2	+5V	RED	18	18 AWG	500 ±2 mm
	3	COM	BLACK	18	18 AWG	500 ±2 mm
	4	COM	BLACK	18	18 AWG	500 ±2 mm
	5	COM	BLACK	18	18 AWG	500 ±2 mm
	6	COM	BLACK	18	18 AWG	500 ±2 mm
	7	COM	BLACK	18	18 AWG	500 ±2 mm
	8	COM	BLACK	18	18 AWG	500 ±2 mm
	9	COM	BLACK	18	18 AWG	500 ±2 mm
	10	COM	BLACK	18	18 AWG	500 ±2 mm
	11	COM	BLACK	18	18 AWG	500 ±2 mm
	12	COM	BLACK	18	18 AWG	500 ±2 mm
H11	1	+12V	YELLOW	18	18 AWG	500 ±2 mm
	2	+5V	RED	18	18 AWG	500 ±2 mm
	3	COM	BLACK	18	18 AWG	500 ±2 mm
	4	COM	BLACK	18	18 AWG	500 ±2 mm
	5	COM	BLACK	18	18 AWG	500 ±2 mm
	6	COM	BLACK	18	18 AWG	500 ±2 mm
	7	COM	BLACK	18	18 AWG	500 ±2 mm
	8	COM	BLACK	18	18 AWG	500 ±2 mm
	9	COM	BLACK	18	18 AWG	500 ±2 mm
	10	COM	BLACK	18	18 AWG	500 ±2 mm
	11	COM	BLACK	18	18 AWG	500 ±2 mm
	12	COM	BLACK	18	18 AWG	500 ±2 mm

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	0.2A	10A	26/12A	±5%	±1%	50mV P-P
+5V	1A	9A	16.8/26A	±5%	±1%	50mV P-P
+12V	1A	24A	60A	±5%	±1%	120mV P-P
-12V	0A	0.25A	0.3A	±10%	±2%	200mV P-P
+5Vsb	0A	1A	3A	±5%	±1%	50mV P-P