

IS-1U50PD8G

1U 500W High Efficiency Power Supply



Features

- High Efficiency 87% minimum
- 16ms Hold Up Time
- Over Current Protection
- Over Voltage Protection
- Short Circuit Protection
- Low Noise and Ripple

Specifications

Model Number	Efficiency
IS-1U50PD8G	90%
RoHS Compliance	Connector Type
YES	Main Connector :: 20+4 pin/ 4+4pin 12V :: 1/ 8pin EPS 12V :: 1/ Molex :: 4 SATA :: 4/ Floppy :: 1
Output Wattage	Dimensions (WxHxD)
500	Width 3.90" (99.1 mm) Height 1.60" (40.6 mm) Depth 8.66" (220.0 mm)

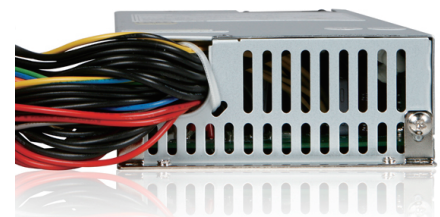
Front View



Side View

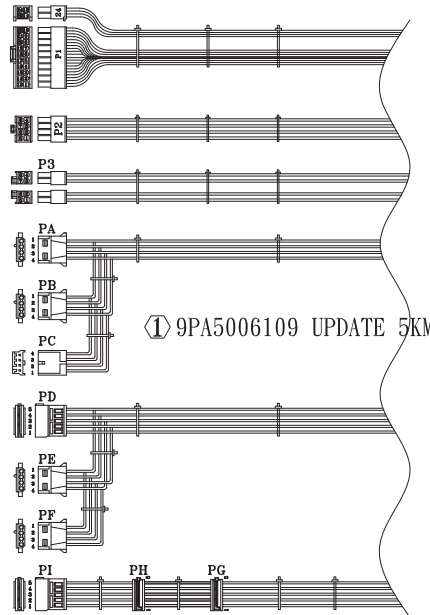
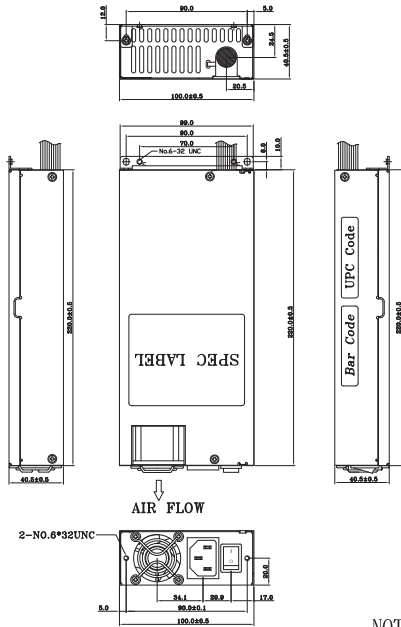


Rear View



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	PIN NO.	SIGNAL	WIRE COLOR	GAUGE	CONNECTOR TYPE	CABLE LENGTH
P1 2/4	1	+3.3VDC	ORANGE	18	WFF	650±20mm
	2	+3.3VDC	ORANGE	18	WFF	
	3	COM	BLACK	18	P4-442008K11D	
	4	+5VDC	RED	18	P4-	
	5	COM	BLACK	18	1442008K11D or EQUIV.	
	6	+5VDC	RED	18		
	7	COM	BLACK	18		
	8	PF-OK	GRAY	22		
	9	+5Vsb	PURPLE	18		
	10	+12V3	YEL/BLU	18		
	11	+12V3	YEL/BLU	18		
	12	+3.3VDC	ORANGE	18		
	13	+3.3VDC	ORANGE	18		
	14	+5VDC	BROWN	22		
	15	COM	BLACK	18		
	16	PS-ON	GREEN	22		
	17	COM	BLACK	18		
	18	COM	BLACK	18		
	19	COM	BLACK	18		
	20	+5V	WHITE	22		
	21	+5VDC	RED	18		
	22	+5VDC	RED	18		
	23	+5VDC	RED	18		
	24	COM	BLACK	18		
P2	1	COM	BLACK	18	MOLEX 39-01 or EQUIV.	650±20mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	+12V1	YELLOW	18		
	5	+12V1	YELLOW	18		
	6	+12V1	YELLOW	18		
P3	1	COM	BLACK	18	WFF P4-442008K3B1 or EQUIV.	650±20mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	COM	BLACK	18		
	5	+12V2	YEL/BLACK	18		
	6	+12V2	YEL/BLACK	18		
PA	1	+12V3	YEL/BLU	18	AMP 480484-0 or EQUIV.	450±16mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	+5V	RED	18		
	5	COM	BLACK	18		
	6	+5V	RED	18		
PB	1	+12V3	YEL/BLU	18	AMP 171822-4 or EQUIV.	150±10mm
	2	COM	BLACK	18		
	3	COM	BLACK	18		
	4	+5V	RED	18		
	5	COM	BLACK	18		
	6	+5V	RED	18		
PC	1	+3.3VDC	ORANGE	18	MOLEX SD-87923 or EQUIV.	450±16mm
	2	COM	BLACK	18		
	3	+5V	RED	18		
	4	COM	BLACK	18		
	5	+12V3	YEL/BLU	18		
	6	+12V3	YEL/BLU	18		
PD	1	+3.3VDC	ORANGE	18	MOLEX SD-87928 or EQUIV.	450±16mm
	2	COM	BLACK	18		
	3	+5V	RED	18		
	4	COM	BLACK	18		
	5	+12V3	YEL/BLU	18		
	6	+12V3	YEL/BLU	18		
PG	1	+3.3VDC	ORANGE	18	MOLEX SD-0011 or EQUIV.	450±16mm
	2	COM	BLACK	18		
	3	+5V	RED	18		
	4	COM	BLACK	18		
	5	+12V3	YEL/BLU	18		
	6	+12V3	YEL/BLU	18		
PH	1	+3.3VDC	ORANGE	18	MOLEX SD-87928 or EQUIV.	150±10mm
	2	COM	BLACK	18		
	3	+5V	RED	18		
	4	COM	BLACK	18		
	5	+12V3	YEL/BLU	18		
	6	+12V3	YEL/BLU	18		
PI	1	+3.3VDC	ORANGE	18	MOLEX SD-87982 or EQUIV.	150±10mm
	2	COM	BLACK	18		
	3	+5V	RED	18		
	4	COM	BLACK	18		
	5	+12V3	YEL/BLU	18		
	6	+12V3	YEL/BLU	18		

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	3.3V ±5%	50mV	0.1A	20.0 A	
2	+5V	+5V ±5%	50mV	0.1A	20.0 A	
3	+12V1	12V ±5%	120mV	0.5A	16.0 A	
4	+12V2	12V ±5%	120mV	0.5A	16.0 A	
5	+12V3	12V ±5%	120mV	0.5A	16.0 A	
6	-12V	-12V ±10%	120mV	0 A	0.5 A	
7	+5VSB	+5Vsb ±5%	50mV	0 A	3.5 A	