

96PSA-A120W12P4

Adapter Power Supply



Features

- Full range AC input 90V~264V
- Meet Energy Star EPS 2.0 /ErP Lot 7
- No load Power Consumption $\leq 0.21W$
- High Reliability
- Available for high altitude(5,000M) and DOE level VI

General

Advantech Part Number	96PSA-A120W12P4
Description	FSP A/D 100240V 120W 12V W/PFC Adapter
Manufacturer	FSP Technology

Output Specifications

Output Power	120W
Output Voltage & Current	12VDC@10A
Efficiency (%)	100Vac / 5A load $\geq 87\%$ 240Vac / 5A load $\geq 89\%$
Main Connector	Signal

Mechanical

Form Factor	N/A
Dimension (L x W x H)	171x72x42mm
Vibration	0.01g ² /Hz at 5 Hz
MTBF	200,000 hours at 25°C
Fan Function	NO
Power Switch Function	NO

Input Specifications

Input Voltage Range	100 - 240V
Input Current	100Vac, 240Vac / 5A load $\leq$ 2A
Input Frequency	4763Hz
PFC Function	W/PFC
Input Current Type	AC to DC

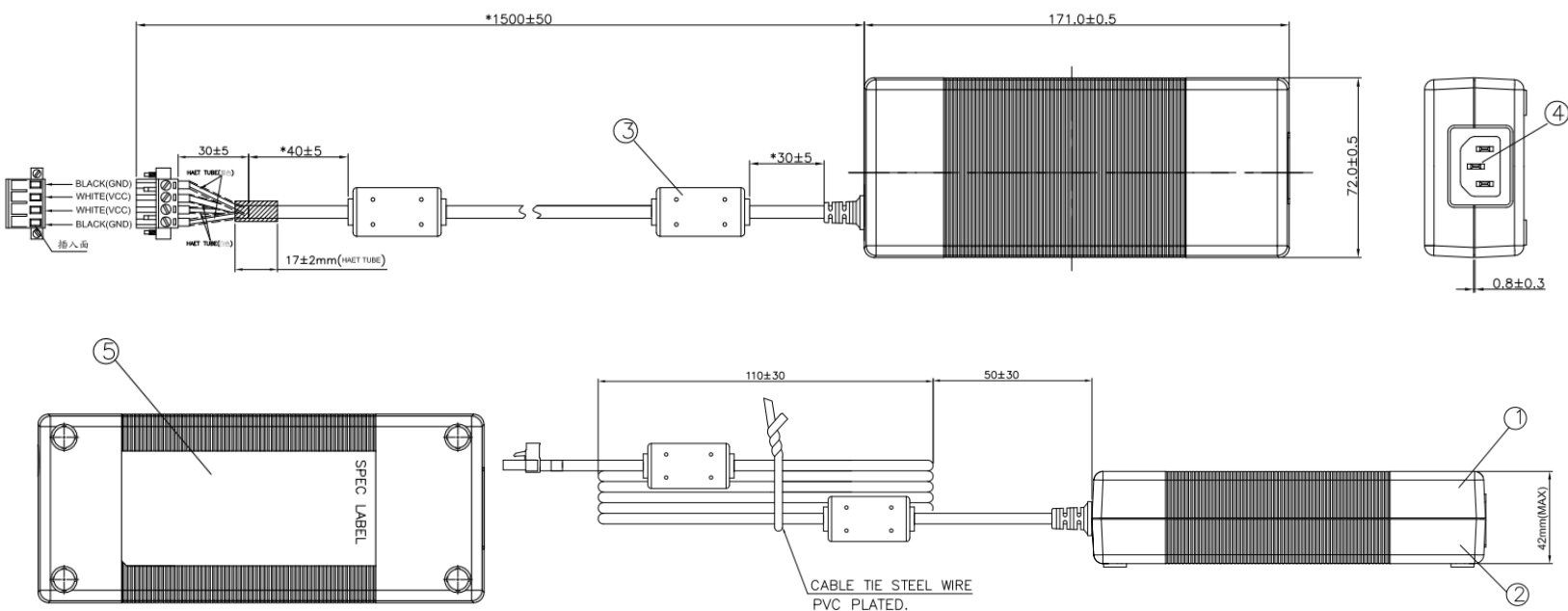
Environmental Specification

Storage Temp.	-20 to +80°C
Storage Humidity	10 – 90% RH
Operating Temp. (°C)	0 to + 40°C

Safety

Safety & EMC	Class B
Max Temp. (°C) @ Load	70C @ 85%
Safety Standard	CUL (UL 60950) / CB (IEC 60950) / CCC / CE / FCC / GS (EN 60950) / KC / PSE / Efficiency Level VI
RoHs	YES

Drawing



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