

96PS-A500WPS2-4

ATX Power Supply



<http://www.advantech.com/certified-peripherals/>

Features

- Widely input range from 90 to 264 VAC
- Low ripple & noise
- MTBF:100K hours at 25°C, and well working performance at 50°C
- Support OVP and OCP circuit protection
- Common safety for CB, CE, TUV, UL, FCC, KC, and CCC

General

Advantech Part Number	96PS-A500WPS2-4
Description	FSP AC to DC 90-264V 500W W/PFC Switch Power Supply PS2 ATX
Manufacturer	FSP Technology

Output Specifications

Output Power	500W
Output Voltage & Current	+5V @ 20A;+12V1 @ 16A;+12V2 @ 16A;12V @ 0.5A;+5Vsb @ 3A;5V @ 0.3A;+3.3V @ 24A
Efficiency (%)	0.85
Main Connector	ATX (20 + 4pin)

Mechanical

Form Factor	PS2
Dimension (L x W x H)	140×150×86mm
Vibration	0.25g
MTBF	100K
Fan Function	Yes
Power Switch Function	Yes

Input Specifications

Input Voltage Range	90 - 264V
Input Current	8A @115Vac;4A @230Vac
Input Frequency	47 - 63Hz
PFC Function	W/PFC
Input Current Type	AC to DC

Environmental Specification

Storage Temp.	-20 - 80°C
Storage Humidity	0.95
Operating Temp. (°C)	0 - 50°C

Safety

Safety & EMC	Class B
Max Temp. (°C) @ Load	50C@100%
Safety Standard	UL/ CB / CCC / CE / FCC / TUV / KC
RoHs	Yes