

PS8-500U2-XE

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 OTP, OVP and OCP circuit protection
- Common safety for CB, CE, TUV, UL, FCC,KC, and CCC
- High Altitude upgrade to 5,000M

General

Advantech Part Number	PS8-500U2-XE
Description	FSP AC 100-240V 500W W/PFC 2U ATX
Manufacturer	FSP Technology

Output Specifications

Output Power	500W
Output Voltage & Current	'+5V@20A;+12V1@16A;+12V2@16A;+12V3@16A;12V@0.5A;+5Vsb(DC)@3A
Efficiency (%)	82%
Main Connector	ATX (20 + 4PIN)

Mechanical

Form Factor	2U
Dimension (L x W x H)	240×100×70
Vibration	0.25g
MTBF	100K
Fan Function	YES
Power Switch Function	NO

Input Specifications

Input Voltage Range	100 - 240V
Input Current	8A @115Vac;4A @230Vac
Input Frequency	50 - 60Hz
PFC Function	W/ PFC
Input Current Type	AC to DC

Environmental Specification

Storage Temp.	-20 - 80C
Storage Humidity	95%
Operating Temp. (°C)	0 - 50C

Safety

Safety & EMC	Class B
Max Temp. (°C) @ Load	70C @ 56%
Safety Standard	CUL (UL 609501 2nd) / CB (IEC 609501 2nd) / CCC / CE / FCC / TUV (EN 609501) / KC
RoHs	YES

Drawing

