

# 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

