

# 96PSA-A36W12R1

Adapter Power Supply



## Features

- Full range AC input 90V~264V
- Meet Energy Star EPS 2.0 /ErP Lot 7
- No load Power Consumption  $\leq 0.1W$
- High Reliability
- Available for high altitude(5,000M) and DOE level VI

## General

Advantech Part Number	96PSA-A36W12R1
Description	FSP A/D 100240V 36W 12V Adapter
Manufacturer	FSP Technology

## Output Specifications

Output Power	36W
Output Voltage & Current	12VDC@3A
Efficiency (%)	87.5% minimum
Main Connector	Signal

## Mechanical

Form Factor	N/A
Dimension (L x W x H)	89.8x37.8x27mm
Vibration	0.5g <sup>2</sup> /Hz at 1060 Hz
MTBF	100,000 hours at 25°C
Fan Function	NO
Power Switch Function	NO

# Input Specifications

Input Voltage Range	100 - 240V
Input Current	1.5 A Max. @ any input voltage with max. Load
Input Frequency	4763Hz
PFC Function	W/O PFC
Input Current Type	AC to DC

# Environmental Specification

Storage Temp.	-20 to +75°C
Storage Humidity	10 – 90% RH
Operating Temp. (°C)	0 to + 40°C

# Safety

Safety & EMC	Class B
Max Temp. (°C) @ Load	70C @ 88%
Safety Standard	CUL (UL 60950) / CB (IEC 60950) / CCC / CE / FCC / GS (EN 60950) / KC / RCM / BSMI / PSE / Efficiency Level VI
RoHs	YES

# Drawing

