

# 96PSO-D120WQ-1

OPEN FRAME Power Supply



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

## Features

- 120W DC/DC ATX converter with wide input range 30-120VDC
- 85W convection cooled and 120W force air cooling at 50°C
- 1U chassis design for thermal conduction
- Fully isolated primary and secondary to avoid abnormal input noise
- MTBF>130,000 hours MIL-217F

## General

Advantech Part Number	96PSO-D120WQ-1
Description	MAGGIE POWER DC 10-30V 120W W/PFC OPEN FRAME
Manufacturer	Magic Power Technology

## Output Specifications

Output Power	120W
Output Voltage & Current	+3.3V @ 8A;+5V @ 10A;+12V @ 4A;-12V @ 1A;+5Vs b(DC) @ 0.75A;
Efficiency (%)	70%
Main Connector	ATX (20 + 4pin)

## Mechanical

Form Factor	N/A
Dimension (L x W x H)	152.4×83.8×38
Vibration	N/A
MTBF	N/A
Fan Function	NO
Power Switch Function	NO

# Input Specifications

Input Voltage Range	10 - 30V
Input Current	18A
Input Frequency	N/A
PFC Function	W/ PFC
Input Current Type	DC to DC

# Environmental Specification

Storage Temp.	-40 - 70C
Storage Humidity	10 - 90%
Operating Temp. (°C)	0 - 50C

# Safety

Safety & EMC	Class B
Max Temp. (°C) @ Load	70C @ 50%
Safety Standard	N/A
RoHs	YES

# Drawing

