

96PSO-D120WQ

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

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|-----------------------|--|
| Advantech Part Number | 96PSO-D120WQ |
| 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

