

- Universal AC Input
- Open Frame With Options Of U-Channel Or Fully Enclosed formats.
- High Efficiency Up To 93%
- Short Circuit, Over Voltage, Over Load Protected
- Convection Cooled To 120 Watts, Fan Cooled To 180 Watts
- Full Approvals: UL/CE
- Compact Case Size & Optional Input & Output Connections



Specification

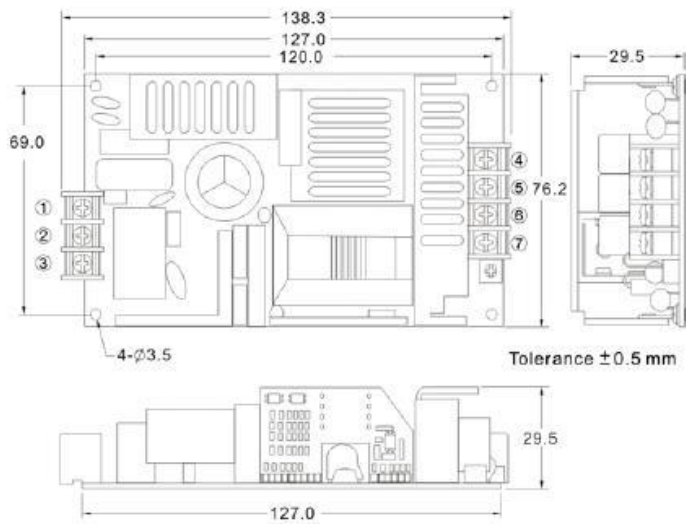
| | |
|---------------------------------|---|
| Input Voltage..... | 90~264 VAC, 47~63 Hz (120-370 VDC) (80-274 VAC or 110-390 VDC with derating) |
| Inrush Current..... | 30 A @ 115 VAC, 60 A @ 230 VAC |
| Output Voltage..... | Single Outputs, See table below, plus adjustment |
| Load Regulation..... | +/-1% |
| Line Regulation..... | +/-1% |
| Over Voltage Protection..... | >125% Auto Recovery |
| Short Circuit Protection..... | Auto Recovery |
| Overload Protection..... | Auto Recovery |
| Hold Up Time..... | 15 - 20 ms, |
| Ripple & Noise..... | 50mV (3.3, 5, 12 & 15 Volts), 100mV (24 & 48 Volts) |
| Input to Output Isolation..... | I/P-O/P: 4 kVAC, |
| Operating Temperature | -25 to +70 °C, see derating curve |
| Storage Temperature..... | -25 to +85 °C |
| Switching Frequency..... | 100 kHz |
| Safety Standards..... | UL60950, CE |
| EMC..... | EN55022 class B, EN55024, EN61000-6-3 |
| Mechanical | 127 x 76.2 x 29.5 mm |
| Connections Input & Output..... | Screw Terminals standard, Molex option |

Models and Ratings

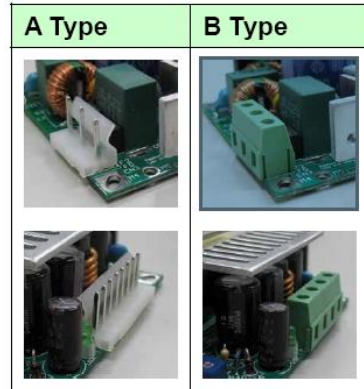
| Model | Output Voltage | Max Output Current Convection Cooled | Max Output Current Fan Cooled | Efficiency |
|----------------|----------------|--------------------------------------|-------------------------------|------------|
| AQF1200-5S-AP | 5.0 V | 20 A | 24 A | 90 % |
| AQF1200-12S-AP | 12.0 V | 10 A | 15 A | 90 % |
| AQF1200-15S-AP | 15.0 V | 8 A | 12 A | 91 % |
| AQF1200-24S-AP | 24.0 V | 5 A | 7.5 A | 93 % |
| AQF1200-48S-AP | 48.0 V | 2.5 A | 3.75 A | 93 % |

Please see next page for mechanical drawings.

Mechanical Drawings.

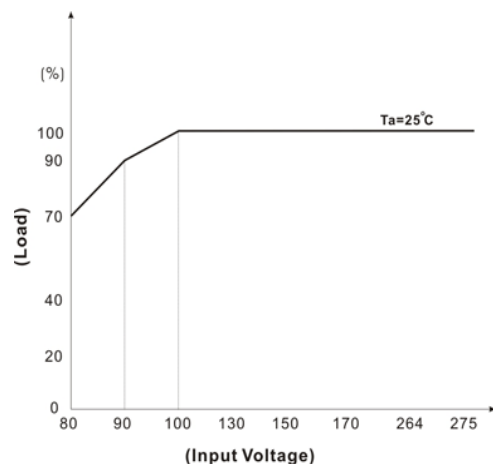
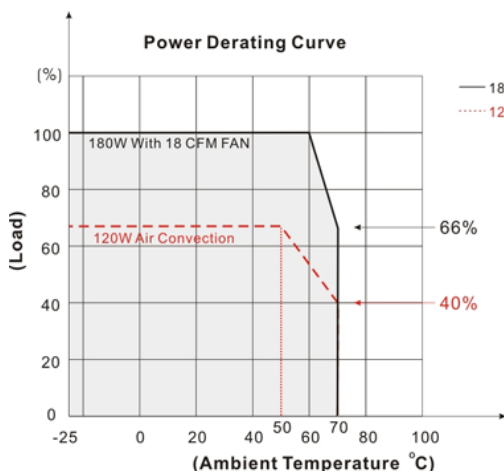


Optional Connectors



| Connections | |
|-------------|-------------|
| Terminal | Function |
| 1 | AC Live |
| 2 | AC Neutral |
| 3 | Input Earth |
| 4 | +DC Out |
| 5 | +DC Out |
| 6 | -DC Out |
| 7 | -DC Out |

Derating, (Input AC Supply & Temperature)



Specifications may change without notice. E&OE. ALL PSU Terms & Conditions apply.