

## 120 Watt, AQF120E Series, Enclosed Power Supply

**ALL PSU LTD**  
Electronic Power Solutions

- Universal AC Input
- Fully Enclosed with options of U-Channel or Open Frame formats.
- High Efficiency Up To 92%
- Short Circuit, Over Voltage, Over Load Protected
- Convection Cooled To Full Power
- Full Approvals: UL/CE
- Compact Case Size



### Specification

Input Voltage.....	90~264 VAC, 47~63 Hz (120-370 VDC)
Inrush Current.....	30 A @ 115 VAC, 60 A @ 230 VAC
Output Voltage.....	Single Outputs, See table below
Load Regulation.....	+/-1%
Line Regulation.....	+/-1%
Over Voltage Protection.....	Latch Off
Short Circuit Protection.....	Latch Off
Overload Protection.....	Auto Recovery
Hold Up Time.....	20 ms, min
Ripple & Noise.....	1% max
Input to Output Isolation.....	I/P-O/P: 4 kVAC,
Operating Temperature .....	-10 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
Mechanical .....	127 x 82.2 x 38.1 mm
Connections Input & Output.....	Screw Terminals

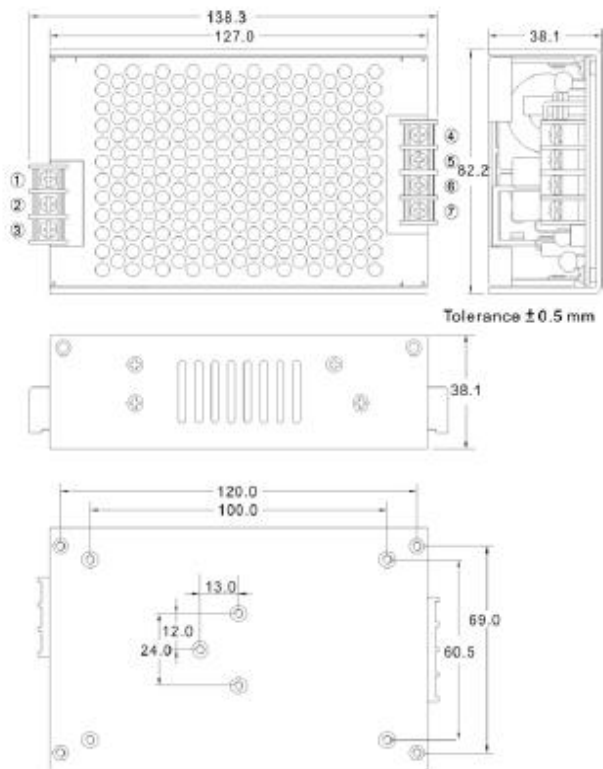
### Models and Ratings

Model	Output Voltage	Output Current	Efficiency
AQF120E-12S	12.0 V	10 A	90 %
AQF120E-24S	24.0 V	5 A	91 %
AQF120E-48S	48.0 V	2.5 A	92 %

Please see next page for mechanical drawings.

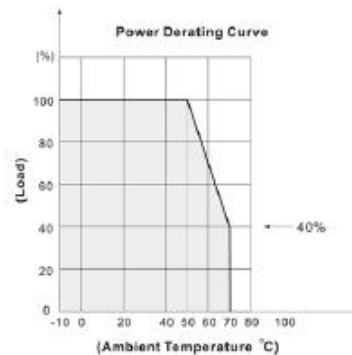
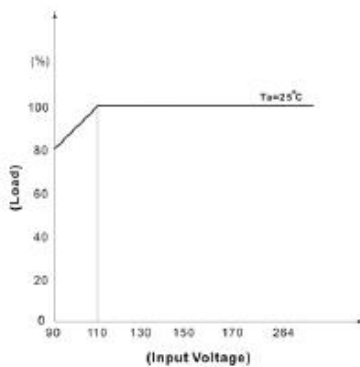
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## Mechanical Drawings.



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.

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