

240 Watt, AQF240E Series, Enclosed Power Supply



electronicpowersolutions

- Universal AC Input
- Fully Enclosed case with option of U-Channel chassis format and DIN Rail mounting.
- High efficiency up to 93%
- Short Circuit, Over Voltage, Over Load protected
- Convection cooled to full power
- Full approvals: UL/CE
- Very compact & low profile 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	150 x 106 x 35 mm
Connections Input & Output.....	Screw Terminals

Models and Ratings

Model	Output Voltage	Output Current	Efficiency
AQF240E-12S-AP	12.0 V	16.66 A	90 %
AQF240E-15S-AP	15.0 V	14.66 A	90 %
AQF240E-24S-AP	24.0 V	10 A	92 %
AQF240E-28S-AP	28.0 V	8.57 A	92 %
AQF240E-32S-AP	32.0 V	7.5 A	92 %
AQF240E-36S-AP	36.0 V	6.66 A	92 %
AQF240E-48S-AP	48.0 V	5 A	93 %

5 Volt 36 Amp Output model also available in open top U-Channel case format.

Please see next page for mechanical drawings, connections and derating.

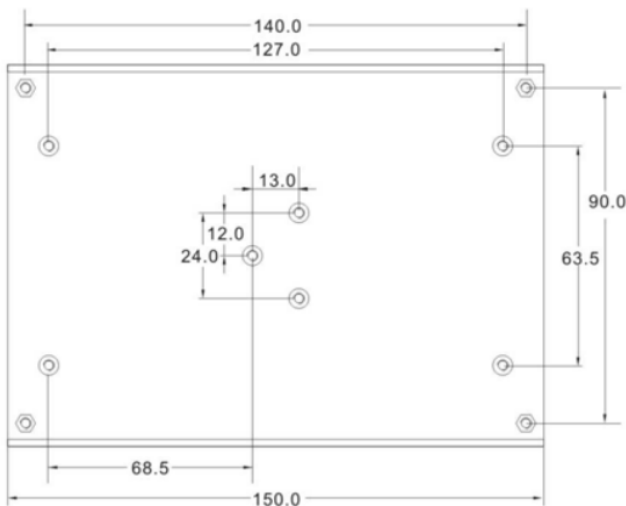
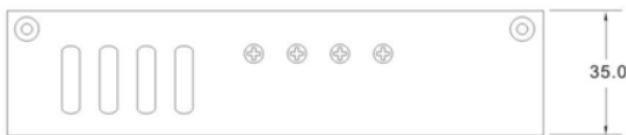
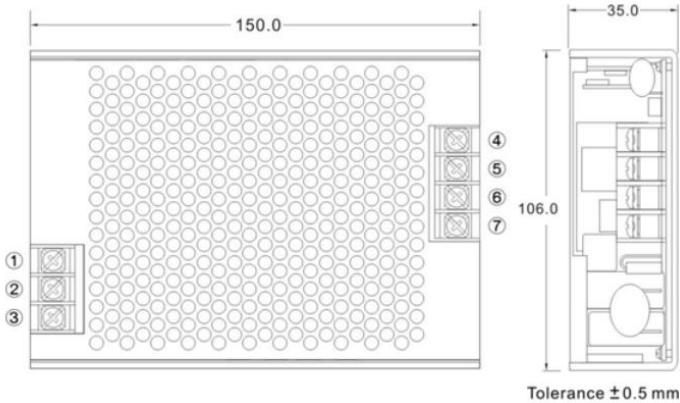
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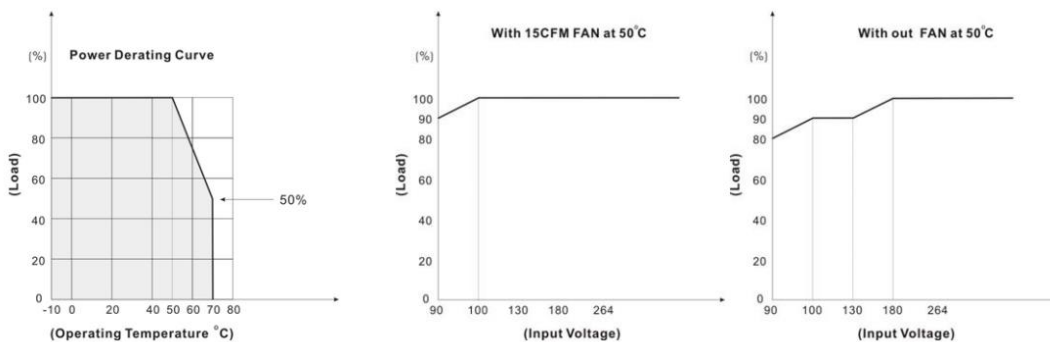
Mechanical Drawings.



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

3 fixings on centre of base can be used to attach a DIN Rail mounting clip. Please contact ALL PSU sales office for details.

Derating, (Temperature & AC Input Supply)



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

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