

- Universal AC Input
- U-Channel Chassis Or Option Of Fully Enclosed Formats.
- High Efficiency Up To 84%
- Short Circuit, Over Voltage, Over Load Protected
- Convection Or Fan Cooled Ratings
- Full Approvals: UL/CE
- Very Compact Case Size



Specification

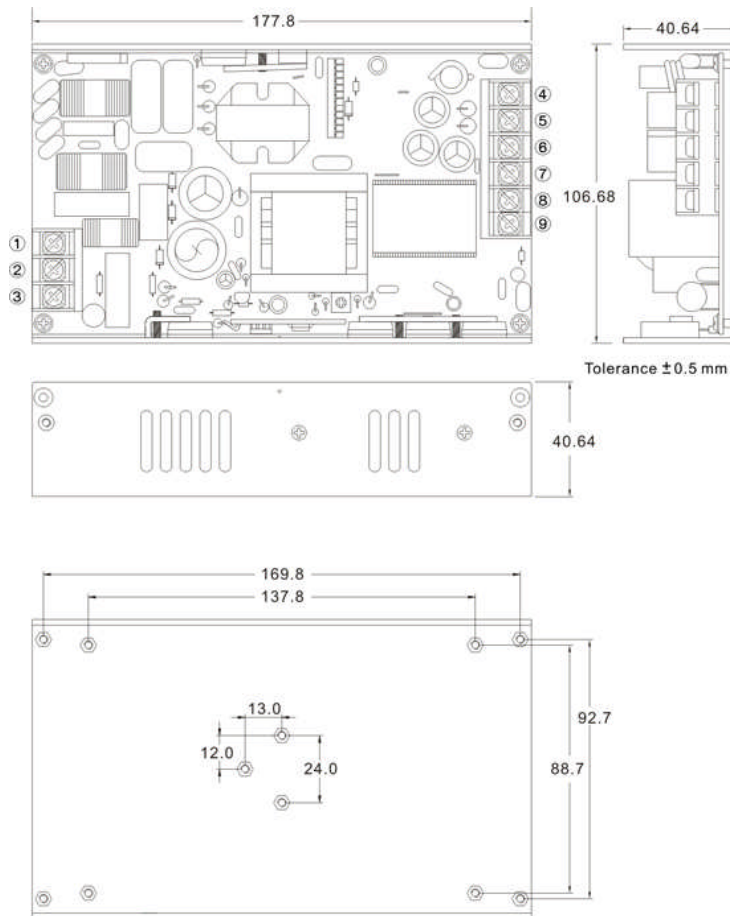
Input Voltage.....	90~264 VAC, 47~63 Hz (120-370 VDC)
Inrush Current.....	40 A @ 115 VAC, 80 A @ 230 VAC
Output Voltage.....	Single Outputs, See table below
Load Regulation.....	+/-1%
Line Regulation.....	+/-1%
Over Voltage Protection.....	Zener Diode Clamp
Short Circuit Protection.....	Auto Recovery
Overload Protection.....	Auto Recovery
Hold Up Time.....	18 ms, min
Ripple & Noise.....	3.3 & 5 Volt, 100mV Max, 12, 15, 24 & 48 Volt, 1% Max
Input to Output Isolation.....	I/P-O/P: 3 kVAC,
Operating Temperature	-25 to +70 °C, see derating curve
Storage Temperature.....	-40 to +85 °C
Switching Frequency.....	67 kHz
Safety Standards.....	UL, CE
EMC.....	EN55022 class B, EN55024
Mechanical	177.8 x 106.68 x 40.64 mm
Connections Input & Output.....	Screw Terminals

Models and Ratings

Model	Output Voltage	Output Current Convection Cooled	Output Current Forced Air cooled	Efficiency
AQF250U-3.3S	3.3 V	31.81 A	40 A	72 %
AQF250U-5S	5 V	32 A	40 A	77%
AQF250U-12S	12.0 V	16.67 A	20.83 A	81 %
AQF250U-15S	15.0 V	13.34 A	16.66 A	82 %
AQF250U-24S	24.0 V	8.34 A	10.4 A	83%
AQF250U-48S	48.0 V	4.17	5.2 A	84 %

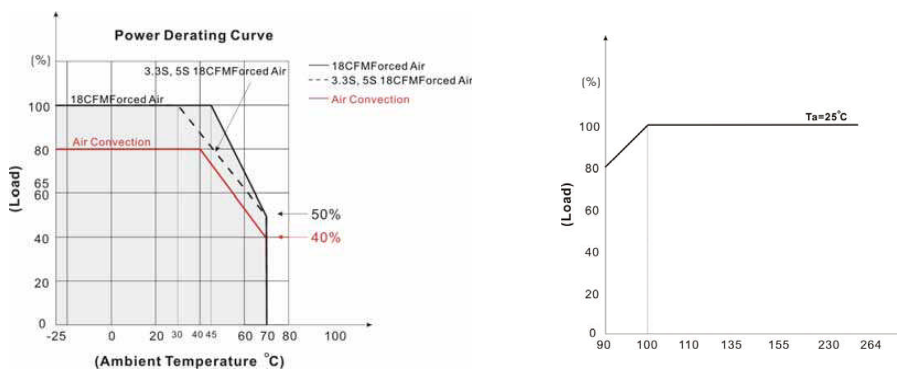
Please see next page for mechanical drawings.

Mechanical Drawings.



Connections	
Terminal	Function
1	FG
2	AC Neutral
3	AC Live
4	+DC Out
5	+DC Out
6	+DC Out
7	-DC Out
8	-DC Out
9	-DC Out

Derating, (Input AC Supply & Temperature)



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

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