

600 Watt

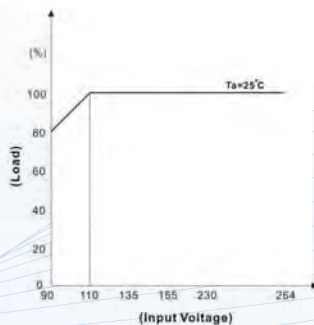
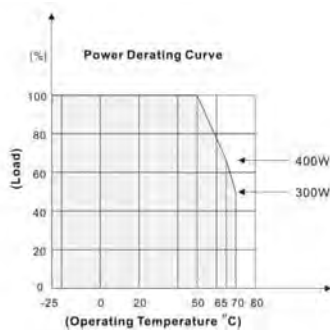
eAQF600 Series



- ◆ Enclosed Switching Power Supply
- ◆ With P.F.C. Function, PF>0.95
- ◆ Remote ON/OFF Function
- ◆ Current Share Function
- ◆ Power Good Function
- ◆ High Efficiency up to 93%
- ◆ High Density
- ◆ Protections: Over Load/ Over Voltage/ Over Temperature/ Short Circuit
- ◆ CE, UL Approvals
- ◆ 3-Year Warranty

Input Specifications	
Voltage Range	90 - 264VAC or 120 - 370 VDC
Frequency	47~63 Hz
Output Specifications	
Output Power	60 Watt (max.)
Voltage Accuracy	±2% (Full Load and Nominal Vin)
Minimum Load	1% (at Full Load)
Line Regulation	± 1 % (LL to HL at Full Load) (typ.)
Load Regulation	± 1 % (5% to 100% at Full Load) (typ.)
Ripple & Noise	<1% Vout (20MHz bandwidth) (max.)
Temperature Coefficient	±0.03% / °C (0-50°C) (max.)
Short Circuit Protection	Latch Off
General Specifications	
Efficiency (see table list)	81%~98% (typ.)
Isolation Voltage	3000 VAC or 4242 VDC (min.)
Isolation Resistance	10 <sup>8</sup> Ω (Input to Output) (min.)
Operating Temperature	-25 °C to +70°C (with Derating)
Storage Temperature	-25°C to +80°C
Humidity	95% RH (max.)
Cooling	Internal Fan
Vibration	10-500Hz, 2G 10min./1cycle, 60min. Each along X, Y, Z axes.
Physical Specifications	
Dimension (Tolerance ±0.5 mm)	228.5 x 105.0 x 44.0 mm / 9.0 x 4.13 x 1.72 inches
Weight	1024±50 g

Derating

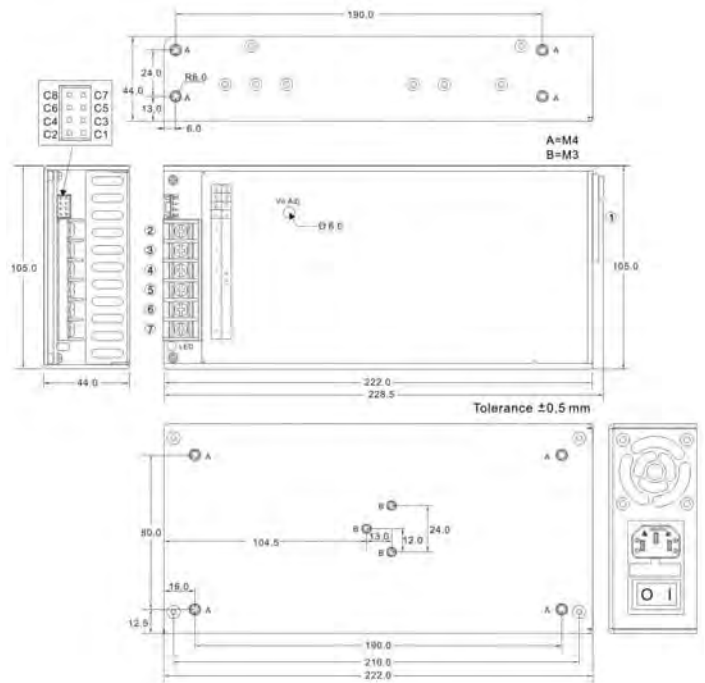


Model

eAQF600 Single Output

Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.	Eff (%)
eAQF600-12S	90~264	12	45	90
eAQF600-24S	90~264	24	25	92
eAQF600-48S	90~264	48	12.5	92
eAQF600-54S	90~264	54	11.1	93

Outline Dimensions & Pin Connections (Top View)



Connector Pin (CN4)	Pin#	Single
C1	1	+S
C2	2	-S
C3	3	CS
C4	4	GND
C5	5	GND
C6	6	+RC
C7	7	+PG
C8	8	+5V-AUX

Pin #	Single
1	AC IN
2	+DC OUT
3	+DC OUT
4	+DC OUT
5	-DC OUT
6	-DC OUT
7	-DC OUT