

360 Watt

eAQF360 Series



- ◆ U Bracket and Enclosed Package
- ◆ High Efficiency up to 93%
- ◆ With P.F.C. Function >0.95
- ◆ Free Air Convection
- ◆ Ultra Compact Size:
- ◆ eAQF240U-5S: 6.0 x 4.18 x 1.46 Inches
- ◆ eAQF240U-12S-48S/ eAQF240E: 6.0 x 4.18 x 1.38 Inches
- ◆ CE, CB, UL Approvals
- ◆ 3-Year Warranty

Input Specifications	
Voltage Range	90 - 264VAC or 120 - 370 VDC
Frequency	47~63 Hz
Output Specifications	
Output Power	eMQF240U: Convection: 160 Watt 18CFM FAN: 360 Watt (max.)
Voltage Accuracy	(at Full Load) eAQF360E/F: 360 Watt (max.)
Line Regulation	±2% (Full Load and Nominal Vin)
Load Regulation	1% (at Full Load)
	±1% (LL to HL at Full Load) (typ.)
	±1% (5% to 100% at Full Load) (typ.)
Ripple & Noise	eAQF360U-12S: 120mV (Vp-p) (max.) eAQF360E-12S: 120mV (Vp-p) (max.) eAQF360F-12S: 120mV (Vp-p) (max.) others: 200mV (Vp-p) (max.)
Temperature Coefficient	±0.03% / 0C (0-50°C) (max.)
Short Circuit Protection	Auto recovery
General Specifications	
Efficiency (see table list)	eAQF360U :87% to 93% (typ.) eAQF360E/F: 89% to 93% (typ.)
Isolation Voltage	3000 VAC or 4242 VDC (min.)
Isolation Resistance	10 ⁸ 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	eAQF360U: 240W Convection without FAN eAQF360E/F: Cooling by Built-in DC FAN
Physical Specifications	
Dimension	eAQF360U: 172.7 x 81.3 x 38.0 mm 6.8 x 3.2 x 1.5 inches
Weight	eAQF360E: 172.7 x 81.3 x 53.3 mm 6.8 x 3.2 x 2.1 inches eAQF360F: 197.7 x 81.3 x 40.0 mm 7.8 x 3.2 x 1.57 inches
	eAQF360U: 668 g eAQF360E: 729 g eAQF360F: 746 g

Model

▶eAQF360U Single Output

Model & Ordering No	1/P Voltage (V.AC)	O/P Voltage (V.AC)	O/P Trim (V.AC)	Output Current (m.A) max.		Eff (%)
				Convection	25 CFM FAN	
eAQF360U-12S	90~264	12	10.8-13.2	20	30	90
eAQF360U-24S	90~264	24	21.6-26.4	10	15	92
eAQF360U-36S	90~264	36	32.7-39.6	6.66	10	93
eAQF360U-48S	90~264	48	44-51	5	7.5	93
eAQF360U-54S	90~264	54	51.3-56.7	4.44	6.66	93

▶eAQF360E Single Output

Model & Ordering No	1/P Voltage (V.AC)	O/P Voltage (V.AC)	Output Current (m.A) max.	Eff (%)
eAQF360E-12S	90~264	12	30	90
eAQF360E-24S	90~264	24	15	91
eAQF360E-36S	90~264	36	10	92
eAQF360E-48S	90~264	48	7.5	93
eAQF360E-54S	90~264	54	6.66	93

▶eAQF360F Single Output

Model & Ordering No	1/P Voltage (V.AC)	O/P Voltage (V.AC)	Output Current (m.A) max.	Eff (%)
eAQF360F-12S	90~264	12	30	90
eAQF360F-24S	90~264	24	15	91
eAQF360F-36S	90~264	36	10	92
eAQF360F-48S	90~264	48	7.5	93
eAQF360F-54S	90~264	54	6.66	93

Standard Type



A Type



Derating

