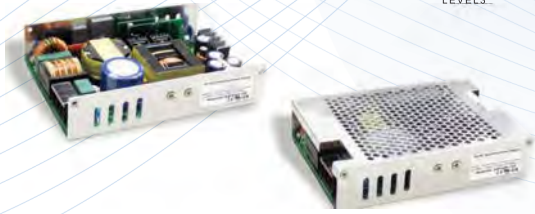


240 Watt

eAQF240 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	240 Watt (max.)
Voltage Accuracy	±2% (Full Load and Nominal Vin) (max.)
Minimum Load (at Full Load)	5S: 5% others: 2%
Line Regulation	±1% (LL to HL at Full Load) (typ.)
Load Regulation	±1% (typ.)
Ripple & Noise (20MHz bandwidth)	eAQF240U-5S: 150mV (Vp-p) (max.) eAQF240U-12S: 120mV (Vp-p) (max.) eAQF240U-15S-48S: 200mV (Vp-p) (max.) eAQF240E-12S-24S: 120mV (Vp-p) (max.) eAQF240E-28S-48S: 200mV (Vp-p) (max.)
Temperature Coefficient	±0.03% / °C (0-50°C) (max.)
Short Circuit Protection	Latch Off
General Specifications	
Efficiency (see table list)	87% to 93% (typ.)
Isolation Voltage	4000 VAC or 5656 VDC (min.)
Isolation Resistance	10 ⁸ Ω (Input to Output) (min.)
Operating Temperature	-10 °C to +70°C (with Derating)
Storage Temperature	-25°C to +80°C
Humidity	95% RH (max.)
Cooling	Free-air Convection
Vibration	10-500Hz, 2G 10min./1cycle, 60min. Each along X, Y, Z axes.
Physical Specifications	
Dimension (Tolerance ±0.5 mm)	eAQF240U-5S: 150.0 x 106.0 x 37.0 mm 6.0 x 4.18 x 1.46 inches
Weight	eAQF240U others: 150.0 x 106.0 x 35.0 mm eAQF240E: 6.0 x 4.18 x 1.38 inches eAQF240U: 580 g eAQF240E: 610 g

Model

▶▶ eAQF240U Single Output

Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.	Eff (%)
eAQF240U-5S	90~264	5	36	87
eAQF240U-12S	90~264	12	20	90
eAQF240U-15S	90~264	15	16	90
eAQF240U-24S	90~264	24	10	92
eAQF240U-28S	90~264	28	8.57	92
eAQF240U-32S	90~264	32	7.5	92
eAQF240U-36S	90~264	36	6.66	92
eAQF240U-48S	90~264	48	5	93

▶▶ eAQF240E Single Output

Model & Ordering No	Input Voltage (V.AC)	Output Voltage (V.DC)	Output Current (m.A) max.	Eff (%)
eAQF240E-12S	90~264	12	16.66	87
eAQF240E-15S	90~264	15	14.66	90
eAQF240E-24S	90~264	24	10	90
eAQF240E-28S	90~264	28	8.57	92
eAQF240E-32S	90~264	32	7.5	92
eAQF240E-36S	90~264	36	6.66	92
eAQF240E-48S	90~264	48	5	92

Note:
5V Output Voltage without UL Approval. (eAQF240U-5S)

eAQF240U-5S Standard Type

eAQF240U-5S 12S~48S Standard Type

eAQF240U-5S 12S~48S A Type

Derating

