

# Q48-Z-XM Series

- Zigbee H.A 1.2 compatible
- External Antenna
- Stud-mount metal case
- Input voltage from 110-277Vac
- Soft-start with low inrush current
- Turn-on time less than 1 second

## SPECIFICATIONS :

Input Range : 100 ~ 277VAC	Frequency : 47 to 63Hz
Power Factor: > 0.92 at 65% to 100% load, 115VAC or 230VAC	Inrush Current : 30.0 Amps max. at 230VAC, cold start 25 <sup>A</sup> /
Input Current : 0.6 Amps max. at 115VAC	Efficiency : 87% Typical
Output Current Regulation : ±3%	Maximum Power : 48W
Protection : OCP, SCP, Olt – Auto Recovery	Leakage Current : 50uA typ.
Control : 0-10V dimmer; PWM (250-3KHz); Potentiometer; Enable	Dimension: 130.3 x 76.3 x 30mm (LxWxH)
Hold up time: Half cycle min. at 120VAC and 80% rated load	Regulation Compliance: UL8750 or EN61347, EN55015, EN61547

## MODEL SELECTION :

Model Number	Constant Voltage Mode			Model Number	Constant Current Mode		
	V (DC)	A (mA)	Max. W		A (mA)	V (DC)	Max. W
Q48-U24-Xz	24, ±5%	2000	50	Q48-U24-Cyyyy-Xz	2200 ~ 1050	14 ~ 24	50
Q48-U36-Xz	36, ±5%	1330	50	Q48-U30-Cyyyy-Xz	1800 ~ 833	19 ~ 30	50
Q48-U48-Xz	48, ±5%	960	50	Q48-U36-Cyyyy-Xz	1500 ~ 700	23 ~ 36	50
Notes: 1. “Xz” is optional - “Blank” = 5VA plastic case ; “Xp” = 94V-0 plastic case ; “Xm” = stud-mount metal case 2. yyyy = Output current 3. 72VDC output is not UL certified; CV UL is pending.	Q48-U42-Cyyyy-Xz	1250 <sup>0</sup> ~ 630	27 ~ 42	50			
	Q48-U48-Cyyyy-Xz	1100 ~ 570	30 ~ 48	50			
	Q48-U54-Cyyyy-Xz	1000 ~ 450	34 ~ 54	50			
	Q48-U72-Cyyyy-Xz	750 ~ 350	47 ~ 72	50			

### Indicator and output functions

LED Indicators	Solid On (Power On) Blinking (Network Error)
RST	Reset Button
Ext. Antenna	External Antenna Connector

