

# Q68-Z 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 : 35.0 Amps max. at 230VAC, cold start 25°C
Input Current : 0.83 Amps max. at 115VAC	Efficiency : 87% Typical
Output Current Regulation : ±3%	Maximum Power : 70W
Protection : OCP, SCP, OLP – Auto Recovery	Leakage Current : 50uA typ.
Control : 0-10V dimmer; PWM (250-3KHz); Potentiometer; Enable	Dimension: XP: TBD / XM:108.3x76.3x30mm (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
Q68-U24-Xz	24, ±5%	2830	70	Q68-U24-Cyyyy-Xz	3150 ~ 1450	14 ~ 24	70
Q68-U36-Xz	36, ±5%	1880	70	Q68-U30-Cyyyy-Xz	2500 ~ 1200	19 ~ 30	70
Q68-U48-Xz	48, ±5%	1410	70	Q68-U36-Cyyyy-Xz	2080 ~ 950	23 ~ 36	70
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				Q68-U42-Cyyyy-Xz	1780 ~ 810	27 ~ 42	70
				Q68-U48-Cyyyy-Xz	1560 ~ 710	30 ~ 48	70
				Q68-U54-Cyyyy-Xz	1380 ~ 630	34 ~ 54	70
				Q68-U72-Cyyyy-Xz	1050 ~ 480	47 ~ 72	70

## Indicator and output functions

LED Indicators	Solid on (Power On) Blinking (Network Error)
Rst	Reset Button
Ext. Antenna	External Antenna connector

