

## SPECIFICATION

Description	220-240V LED Driver, Constant Voltage Driver
Electrical Characteristics	Ta = 25°C, 220-240Vrms input, standard reference load; unless otherwise specified
Class II, IP20, thermally protected 110, independent driver	

<b>Product Name</b>		Q8H-24V-75W
<b>Input Parameters</b>		
Rated Input Voltage	Uin	220-240VAC
Input Current (Full load)	Iin	0.45A
Input Frequency	fin	50/60Hz
Maximum Input Power	Pin	85W
Power Factor (Full load)	λ	≥0.95
THD(Full load)		≤15%
Efficiency (Full load)	η	≥86%
No-load power		≤0.5W
Inrush current		≤15.0A
Turn on time		≤500ms

<b>Output Parameters</b>		
Output Voltage	Vout	24V±5%
Output Current (Full load)	Iout	3.1A
Output Power (Full load)	Pout	75W
Operating Frequency(Full load)	Fout	70KHz
Ripple & Noise		≤500mV
Load Regulation		≤5%
Line Regulation		≤5%

<b>Ambient</b>		
Storage Temperature	ts	-20 ... + 70°C
Operating Ambient Temperature	ta	-20 ... + 50°C
Case Temperature at tc Point	tc	90°C
Relative humidity		5 ... 85%

<b>Protection</b>		
No Load		Auto-recovery if fault is removed
Over Load		Auto-recovery if fault is removed
Short Circuit		Auto-recovery if fault is removed

<b>System Parameters</b>		
Withstand voltage		3.75KVAC, Ileakage<5.0mA, 60S
Expected Life		30,000Hours

<b>Compliances and approvals</b>		
Safety		EN 61347-2-13
RFI		EN 55015
Harmonics		EN 61000-3-2 Class C
Immunity		EN 61547

- All parameters NOT specially mentioned are measured at 240VAC input, rated load and 25 of ambient temperature.
- Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.
- Expected Life:tc=80°C,0.2%/1000h failure rate

### Physical Parameter

