

# Q-SET-mLED

LED POWER SUPPLY 60W–300W



The Q-SET-mLED comes standard with 2 primary taps. Loads may be connected to one (1) of the taps to the full rating of the PSC. The advantage is that loads of varying distances from the PSC can be tapped to recover voltage drop.



## Part Number Builder



## Technical Information

### <sup>1</sup> Size

Size	Secondary Voltage (12/24VDC)
60W	12VDC
120W	12VDC
180W	12VDC
240W	12VDC
300W	12VDC

Size	Secondary Voltage (12/24VDC)
60W	24VDC
100W	24VDC
200W	24VDC
300W	24VDC

### Secondary Breaker Amperage

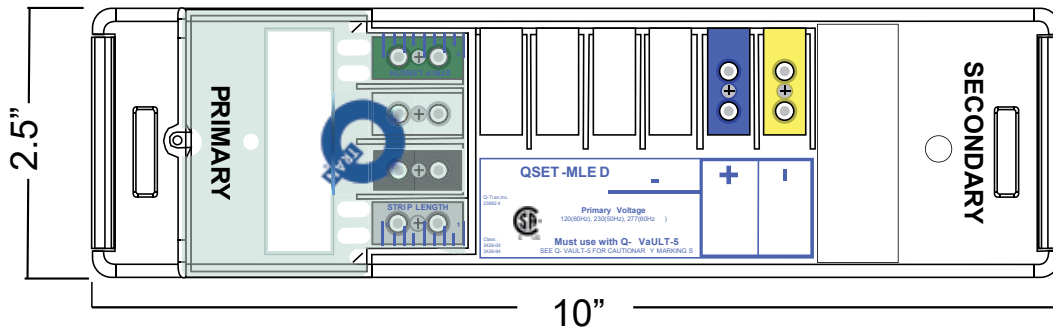
Amps	Max 12V Load	Max 24V Load
4	---	96W
5	60W	---
10	120W	240W
12.5	---	300W
15	180W	---
20	240W	480W
25	300W	600W

**NOTE: Must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.**



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- For supply connections use wire rated for at least 90°C
- Suitable for ground installation
- Use dimmers rated for magnetic low voltage load
- Not for installation to conduit extending directly to an underwater pool light forming shell
- Suitable for use with submersible luminaries
- Suitable for indoor & outdoor use
- WARNING: Risk of fire - if installation involves running wiring through a building structure, special wiring methods are needed. Consult a qualified electrician.
- Operating temperature range: -40°F to +140°F



### Specifications

Input	12VDC			24VDC		
	120	230	277	120	230	277
Input Voltage (Vrms)	120	230	277	120	230	277
Input Current, max (Arms)	0.58	0.30	0.30	0.98	0.51	0.42
Inrush Current, max* (Apk)	---	---	---	45	90	100
Input Frequency (Hz)	50/60			50/60		
Input Power (W)	70			177		

Output	12VDC		24VDC	
	12	24	12	24
Output Voltage, nom (V)	12	24	12	24
Output Current (A)	5.0	4.1	5.0	4.1
Output Power (Wmax)	60	100	60	100
Dimming 0-10V, max	2mA			

Environmental	Min	Nom	Max	Min	Nom	Max
	THD (%)	---	---	20	---	---
PF (%)	0.9	---	---	0.90	---	---
Case Temp (°C)	---	---	90	---	---	90

\*- 200us event

### Protections

- Short Circuit Protection (SCP)
- Overload Protection (OLP)

### Compliance

- EMI Spec : FCC 47 Part 15  
: CISPR 15  
: CISPR 22 Class A
- CSA Certified : UL-2108  
: UL-8750  
: CSA C22.2 No 250.7-07  
: CSA C22.2 No 250.0-08

