

Q-SET-1

AC POWER SUPPLY 60W–300W

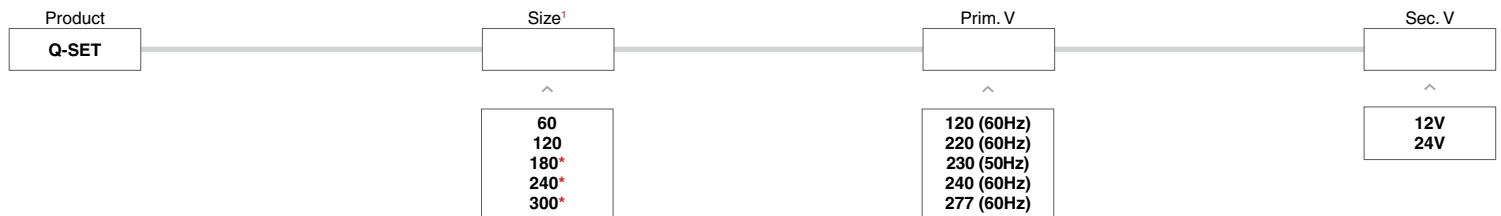


The Q-SET-1 is a UL Listed direct burial power supply used with the Q-VAULT-5, the industry's only IP68 direct burial power supply enclosure. Available in 12VAC or 24VAC from 60W-300W. It comes with one secondary circuit breaker and has three UL listings; Landscape Lighting, Pool & Spa and Low-Voltage Luminaire Power Supply for both interior and exterior lighting. Five secondary taps are also provided to compensate for voltage drop. Loads may be connected to one or more of the secondary taps up to the full wattage rating of the Q-SETs.



Must be purchased with Q-VAULT-5

Part Number Builder



* Listed for pool & spa

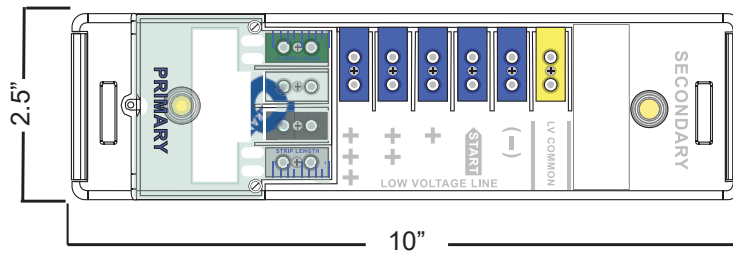
NOTE: Pool and Spa configuration listed for 120V primary, 12V secondary only.

Technical Information

¹ Size

Q-SET Volt Rating	Secondary Circuit Breaker Size	Total Circuit Breaker Load	Number of Circuit Breaker	Total Q-SET Load
12V	5 A	60W	1	60W
12V	10 A	120W	1	120W
12V	15 A	180W	1	180W
12V	20 A	240W	1	240W
12V	25 A	300W	1	300W
24V	2.5 A	60W	1	60W
24V	5 A	120W	1	120W
24V	7.5 A	180W	1	180W
24V	10 A	240W	1	240W
24V	12.5 A	300W	1	300W





Multi-Volt & Taps

- Two (2) primary taps, a switch or a dimmed tap to compensate for losses when dimming
- Five (5) secondary taps provide nominal secondary voltages of:

Label	(-)	(start)	(+)	(++)	(+++)
12V =	11V,	12V,	13V,	14V,	& 15V
24V =	22V,	24V,	26V,	28V,	& 30V

- Loads may be connected to one or more of the secondary taps up to the full watt rating of the PSC.
- The advantage is that loads at varying distances from the PSC can be tapped on different taps to recover voltage drop, allowing you to get the correct voltage at your load and produce between 85%-100% light output. (See Q-TRAN Voltage drop Calculator)
- Primary Circuit Protection: All 120V units come with both a primary and secondary, hydraulic, magnetic circuit breaker. All have a primary auto-reset thermal protector, which is built into the transformer. This thermal protector will temporarily disconnect the primary if the transformer overheats due to an overload or saturation from a faulty dimmer.
- Secondary Circuit Protection: 1 secondary breaker

- For supply connections use wire rated for at least 90°C
- Suitable for in-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 luminaires
- 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.

CSA #239924

Low Voltage Lighting Systems

- CSA Class 3426-04 and Class 3426-94
- CSA Standard C22.2 No. 250.0-08 - Luminaires :
ANSI/ UL Standard 2108 - Low Voltage Lighting System

Landscape Lighting Systems

- CSA Class 3425-15 and Class 3425-95 :
- CSA Standard C22.2 No. 250.7-07 - Extra-Low-Voltage Landscape Lighting Systems
- ANSI/ UL Standard 1838 - Low Voltage Landscape Lighting Systems

Component Hydromassage - 120V primary, 12V secondary

- CSA Class 3425-96
- ANSI/ UL Standard 379-Power Units for Fountain, Swimming Pool, and Spa Luminaires