

# Q-SET-2 AC POWER SUPPLY 360W-600W



The Q-SET-2 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 360W-600W. It comes with two secondary circuit breakers 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 watt rating of the Q-SET.



Must be purchased with Q-VAULT-5

## Part Number Builder



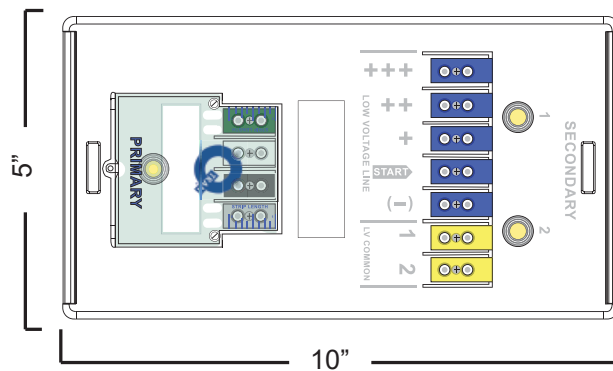
## Technical Information

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

Q-SET Volt Rating	Secondary Circuit Breaker Size	Total Circuit Breaker Load	Number of Circuit Breaker	Total Q-SET Load
12V	15 A	180W	2	360W
12V	20 A	240W	2	480W
12V	25 A	300W	2	600W
24V	7.5 A	180W	2	360W
24V	10 A	240W	2	480W
24V	12.5 A	300W	2	600W



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## 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 primary 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: 2 secondary breakers

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

