

# Q-SET-1

AC POWER SUPPLY 60W–300W

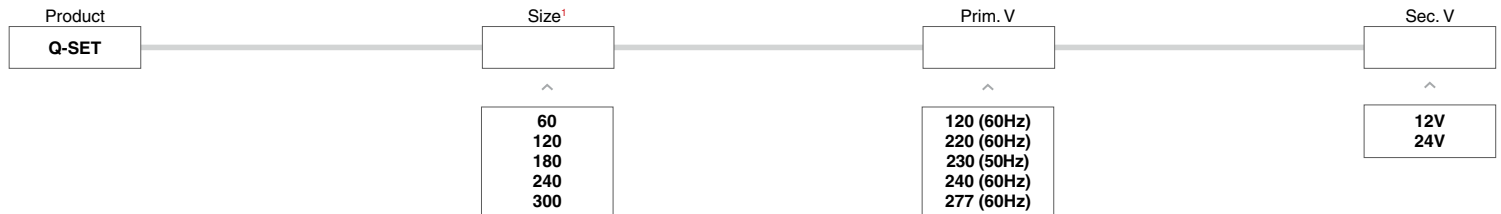


The Q-SET-1 is a UL Listed direct burial power supply used with the Q-VAULT-5, the industry's only IP68 direct burial power supply enclosure. Available in 12VAC or 24VAC from 60W-300W. It comes with one secondary circuit breaker and has three UL listings; Landscape Lighting, Pool & Spa and Low-Voltage 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 watt rating of the Q-SETs.



Must be purchased with Q-VAULT-5

## Part Number Builder

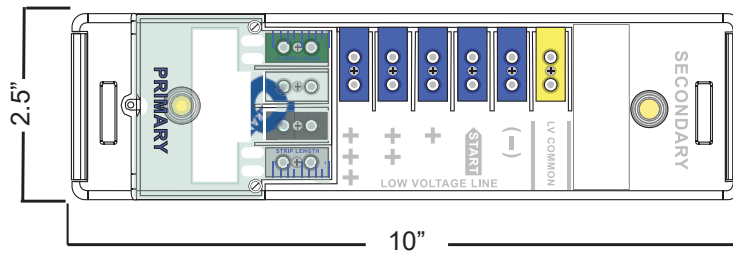


## Technical Information

### <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	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 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: 1 secondary breaker

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| <ul style="list-style-type: none"> <li>• For supply connections use wire rated for at least 90°C</li> <li>• Suitable for inground installation</li> <li>• Use dimmers rated for magnetic low voltage load</li> <li>• Not for installation to conduit extending directly to an underwater pool light forming shell</li> </ul> | <ul style="list-style-type: none"> <li>• Suitable for use with submersible luminaries</li> <li>• Suitable for indoor &amp; outdoor use</li> <li>• <b>WARNING:</b> Risk of fire - if installation involves running wiring through a building structure, special wiring methods are needed. Consult a qualified electrician.</li> </ul> |
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