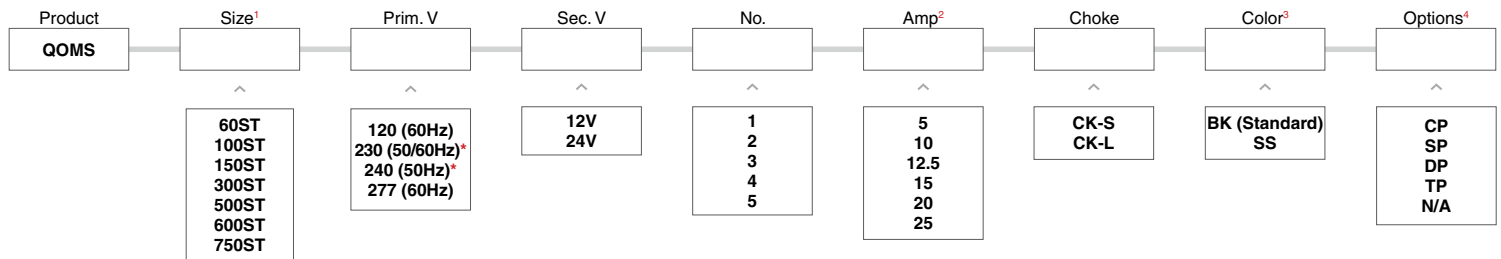


The QOM Series is designed specifically to power outdoor low voltage lighting systems. The QOM features two taps on the primary side to recover dimmer losses and four taps on the secondary side for multiple load distances. The QOM is UL Listed for indoor and outdoor use as well as being suitable for wet locations.



Part Number Builder



* Not standard, call factory for pricing

Technical Information

¹ Size

Size	Max Load (Watts)	PSC Efficiency	Max PSC Rating (Watts)	Max PSC Rating (VA)	Max Prim Amps @ 120V	Max Prim Amps @ 277V
60ST	60W	92%	66	79	0.66 A	0.28 A
100ST	100W	92%	108	135	1.1 A	0.48 A
150ST	150W	92%	163	200	1.7 A	0.70 A
300ST	300W	93%	322	400	3.4 A	1.5 A
500ST	500W	93%	538	670	5.6 A	2.4 A
600ST	600W	95%	632	800	6.7 A	2.9 A
750ST	750W	95%	789	1000	8.4 A	3.6 A

² Secondary Breaker Amperage

Amps	Max 12V Load	Max 24V Load
5	60W	120W
10	120W	240W
12.5	150W	300W
15	180W	360W
20	240W	480W
25	300W	600W

³ Color

BK Black Powder Coat Finish (Standard)
SS 316 Marine Grade Stainless Steel

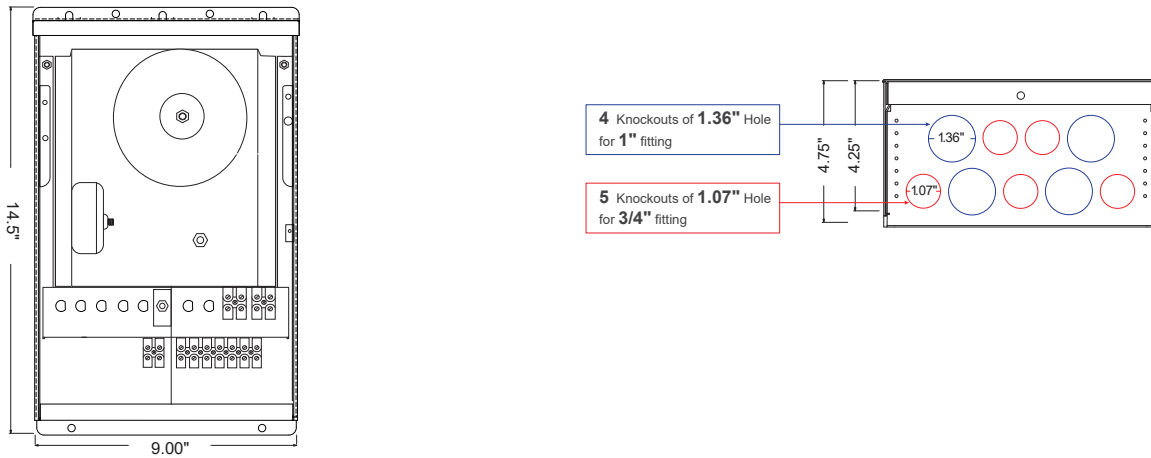
⁴ Options

CP Cord & Plug
SP Switch Plate
DP Dimmer Plate
TP Timer Plate

Choke

CK-S 60W-300W
CK-L 500W-750W





Housing

- 18-gauge welded steel enclosure: 9.0"W X 14.5"L X 4.75"D
- Knockouts: 9

Multi-Volt & Taps

Tap Options (in order from TAP1 to TAP5):

12V: 12, 13, 14, 15V

24V: 24, 25, 26, 27V

- Loads may be connected to one (1) 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)
- Secondary Circuit Protection: 1-5 magnetic circuit breakers
- No derating required

Toroidal Choke

Q-Tran's standard choke, or "debuzzing coil" reduces noise when dimming and helps negate in-rush current that is prevalent with LED loads. It allows for quiet operation and eliminates nuisance tripping.

- | | |
|---|---|
| <ul style="list-style-type: none"> • Landscape lighting power unit • Suitable for damp and wet locations • Suitable for use with submersible luminaires or submersible pumps • Suitable for indoor/outdoor use • UL 1838 & 2108 listed | <ul style="list-style-type: none"> • Use dimmers rated for magnetic low voltage load with neutral wire • Isolation toroidal transformer • 50/60 cycle • CSA C22.2 No. 250.0-08 & 250.7-07 • Made in the U.S.A. |
|---|---|