

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

Product	Size ¹	Prim. V	Sec. V	No.	Amp ²	Choke	Color ³	Options ⁴
QOMD						CK-S		
XXXX						CK-S		
	60 100 150 300	120 (60Hz) 230 (50/60Hz)* 277 (60Hz)*	12V 24V 120V*	1 2	5 10 12.5 15 20 25		BK (Standard) SS	CP N/A

EXAMPLE for 2x300:
QOMD-300ST-120/12-1x15+CK-S
XXXX-300ST-120/24-1x5+CK-S

* 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%	65	79	0.66 A	0.28 A
100ST	100W	93%	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

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

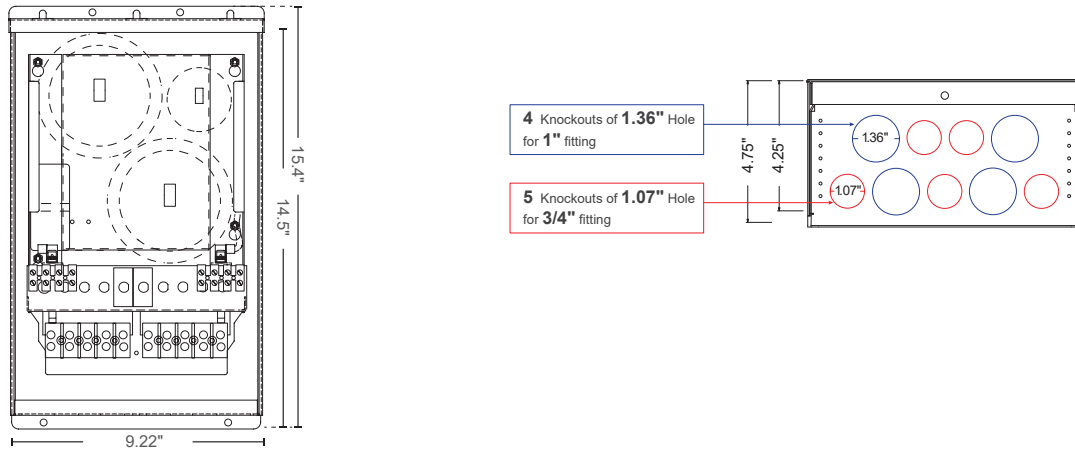
Choke

CK-S 60W-300W

Combinations

QOMD-2x60ST	QOMD-60/100ST	QOMD-100/300ST
QOMD-2x100ST	QOMD-60/150ST	QOMD-150/300ST
QOMD-2x150ST	QOMD-60/300ST	
QOMD-2x300ST	QOMD-100/150ST	





Housing

- 18-gauge welded steel enclosure: 9.22"W X 15.4"L X 4.75"D
- Color: white powder coating
- Knockouts: 9

Multi-Volt & Taps

Tap Options (in order from TAP1 to TAP5):

12V: 12, 13, 14, 15V

24V: 24, 26, 28, 30V

- 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 magnetic circuit breakers
- Class 1 compliant to N.E.C.

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.

- 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
- 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.