

# QOM-DC

## LED POWER SUPPLY 60W-600W



The QOM-DC is a rectified DC power supply designed for Indoor and Outdoor LED lighting applications. The QOM-DC features five taps on the primary side to recover voltage drop. The QOM-DC is CSA listed for Indoor and Outdoor use, as well as being rated for wet locations.



### Part Number Builder

Product	Size <sup>1</sup>	Prim. V	Sec. V	No.	Brk. Amp <sup>2</sup>	Choke	Color <sup>3</sup>	Options <sup>4</sup>
QOM-DC								
	60W 100W 120W 180W 200W 240W 300W 360W 500W 600W	120 (60Hz) 220 (50/60Hz)* 230 (50/60Hz)* 240 (50/60Hz)* 277 (60Hz)	12VDC 24VDC	1 2 3 4 5 6	2.5 4 5 10 15 20 25	CK-S CK-L	BK (Standard) SS	CP N/A

\*Not standard, call factory for pricing

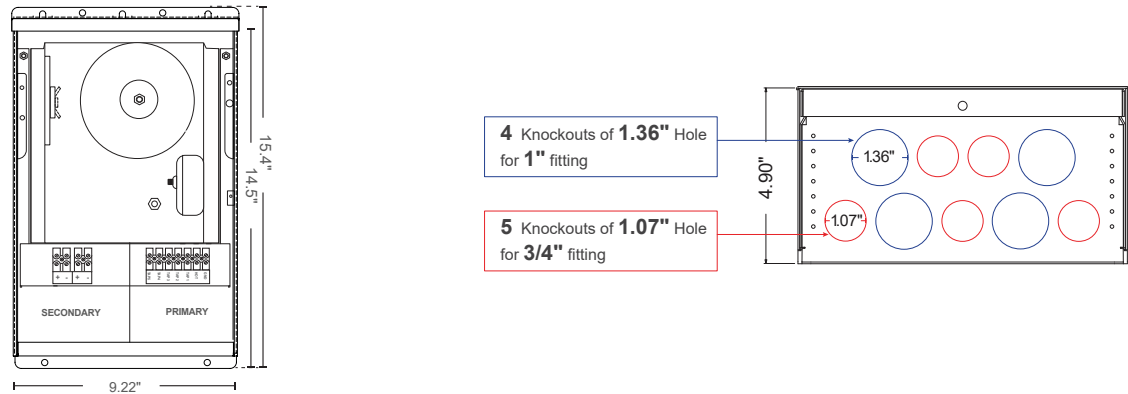
### Technical Information

<sup>1</sup> Size					<sup>2</sup> Secondary Breaker Amperage			<sup>3</sup> Color	
Size	Max Load (Watts)	Fixture Load Volts (12VDC/24VDC)	Max Prim Amps @ 120V	Max Prim Amps @ 277V	Amps	Max 12V Load	Max 24V Load	BK	SS
60DC	60W	12VDC	0.7 A	0.3 A	2.5	30W	60W	Black Powder Coat Finish (Standard)	316 Marine Grade Stainless Steel
120DC	120W	12VDC	1.3 A	0.6 A	4	48W	96W		
180DC	180W	12VDC	2.0 A	0.9 A	5	60W	120W		
240DC	240W	12VDC	2.7 A	1.2 A	10	120W	240W		
300DC	300W	12VDC	3.4 A	1.5 A	15	180W	360W		
360DC	360W	12VDC	4.1 A	1.8 A	20	240W	480W		
60DC	60W	24VDC	0.7 A	0.3 A	25	300W	600W		
100DC	100W	24VDC	1.1A	0.5 A					
200DC	200W	24VDC	2.2 A	1.0 A					
300DC	300W	24VDC	3.4 A	1.5 A					
500DC	500W	24VDC	5.6 A	2.4 A					
600DC	600W	24VDC	6.7 A	2.9 A					

<sup>4</sup> Options  
**CP** Cord & Plug

**Choke**  
**CK-S** 60W-300W  
**CK-L** 360W-600W





### Housing

- 18 gauge welded steel enclosure: 15.4"L x 9.22"W x 4.90"D
- Door: 14.5"L x 9.27"W
- Knockouts: 9
- Built-in support bracket incorporated to secure housing for surface mounting

### Multi-Volt & Taps

- Primary Tap Options (in order from TAP1 to TAP5):  
 12V: 11, 12, 13, 14, 15V  
 24V: 22, 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: 1-6 magnetic circuit breakers

### 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.

- Suitable for dry, damp and wet locations
- Suitable for indoor or outdoor applications
- Suitable for use with submersible luminaire
- Primary voltage - 120V or 277V
- 10 year warranty
- CSA #239924
  - Low Voltage Lighting Systems**
    - : CSA Class 3425-15 and Class 3425-95
    - : CSA Standard C22.2 No. 250.0-08 - Luminaires
    - : UL 2108 - Low Voltage Lighting Systems
    - : CSA Standard C22.2 No. 250.13-14 - Light Emitting Diode (LED) Equipment for Lighting Applications
    - : UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products
  - Landscape Lighting Systems**
    - : CSA Class 3426-04 and Class 3426-94
    - : CSA Standard C22.2 No. 250.7-07 - Extra-Low-Voltage Landscape Lighting Systems
    - : UL 1838 - Low Voltage Landscape Lighting Systems
    - : CSA Standard C22.2 No. 250.13-14 - Light Emitting Diode (LED) Equipment for Lighting Applications
    - : UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products

