

QOM-DC+CAP

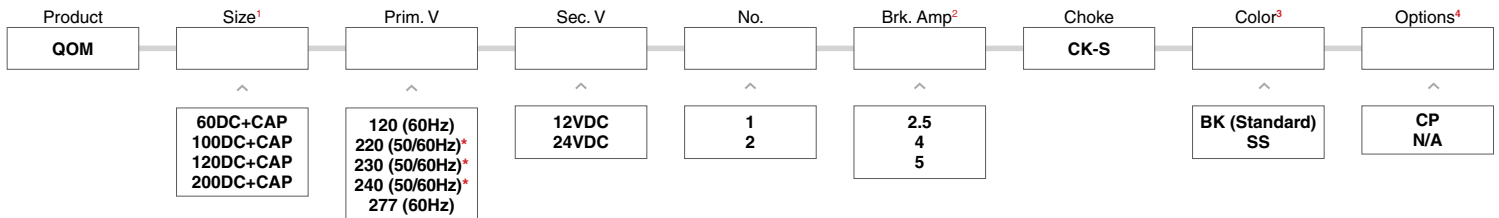
LED POWER SUPPLY 60W-200W



The QOM-DC+CAP is a DC power supply for LED lighting applications. It includes a robust rectifier, a large filter capacitor, and five tap selections to accommodate for long cable runs. The large filter capacitor removes any voltage ripple and guarantees no LED flicker. The QOM-DC+CAP follows Class 2 power limits, with 60W circuits for 12V outputs and 96W circuits for 24V outputs. The QOM-DC+CAP is capable of two 60W 12V circuits or 96W 24V circuits.



Part Number Builder



*Not standard, call factory for pricing

Technical Information

¹ Size

| Size | Max Load (Watts) | Fixture Load Volts (12VDC/24VDC) | Max Prim Amps @ 120V | Max Prim Amps @ 277V |
|-----------|------------------|----------------------------------|----------------------|----------------------|
| 60DC+CAP | 60W | 12VDC | 0.9 A | 0.4 A |
| 120DC+CAP | 120W | 12VDC | 1.4 A | 0.6 A |
| 60DC+CAP | 60W | 24VDC | 0.9 A | 0.4 A |
| 100DC+CAP | 100W | 24VDC | 1.3A | 0.5 A |
| 200DC+CAP | 200W | 24VDC | 2.4A | 1.0 A |

² Secondary Breaker Amperage

| Amps | Max 12V Load | Max 24V Load |
|------|--------------|--------------|
| 2.5 | 30W | 60W |
| 4 | 48W | 96W |
| 5 | 60W | 120W |

³ Color

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

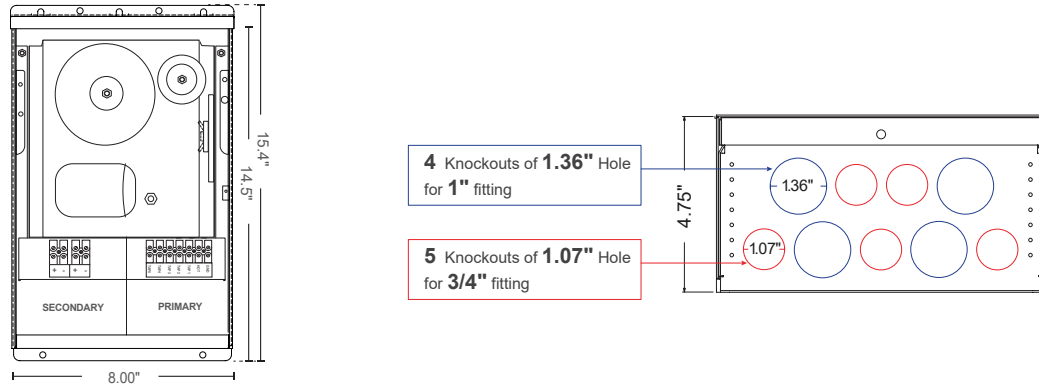
⁴ Options

CP Cord & Plug

Choke

CK-S 60W-200W





Housing

- 18 gauge welded steel enclosure: 14.5"L x 8.00"W x 4.75"D
- Door: 15.375"L x 9.125"W
- Knockouts: 9
- Built-in support bracket incorporated to secure housing for surface mounting

Multi-Volt & Taps

- Primary Taps: All units come standard with primary circuit protection
- Five (5) primary taps provide (in order from TAP1 to TAP5):
 - 12V: 12, 13, 14, 15, 16
 - 24V: 22, 24, 26, 28, 30
- 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: 1-2 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 use with submersible luminaire
- Primary voltage - universal (120-277V)
- Use dimmers rated for magnetic low voltage load with neutral wire
- 10 years warranty

• CSA #239924

Low Voltage Lighting Systems

- : CSA Class 3425-15 and Class 3425-95
- : CSA Standard C22.2 No. 250.0-08 - Luminaires
- : ANSI/ UL Standard 2108 - Low Voltage Lighting System
- : ANSI/ UL Standard 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products
- : CSA Std C22.2 No 250.13-14 - Light Emitting Diode (LED) Equipment for Lighting Applications

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
- : ANSI/ UL Standard 1838 - Low Voltage Landscape Lighting Systems
- : ANSI/ UL Standard 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products
- : CSA Std C22.2 No 250.13-14 - Light Emitting Diode (LED) Equipment for Lighting Applications

