

Q6M-DC+CAP

LED POWER SUPPLY 60W-100W



The Q6M-DC CAP is a UL listed rectified power supply, converting from AC to DC. It includes a robust rectifier and three tap selections; it is capable of handling up to 60 watts for 12VDC and 100 watts at 24VDC. It guarantees no ripple or flicker out because of a built in capacitor, which eliminates any ripple. This is the best way to power and dim LED fixtures.



Part Number Builder

Product	Size ¹	Prim. V	Sec. V	No.	Brk. Amp ²	Choke	Color ³	Options ⁴
Q6M						CK-S		
	60DC+CAP 100DC+CAP	120 (60Hz) 277 (60Hz)	12VDC 24VDC	1 2	2.5 4 5		WH (Standard) BK	CP N/A

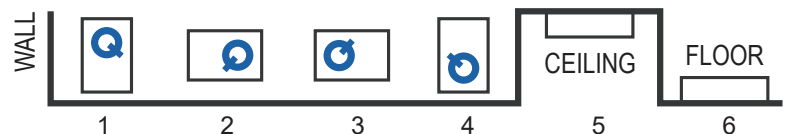
Technical Information

¹ Size					² Secondary Breaker Amperage			³ 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	WH	BK
60DC	60W	12VDC	0.90 A	0.40 A	2.5	30W	60W	White (Standard)	Black Powder Coat Finish
60DC	60W	24VDC	0.90 A	0.40 A	4	48W	96W		
100DC	100W	24VDC	1.4A	0.55 A	5	60W	120W		

⁴ Options
CP Cord & Plug
Choke
CK-S 50W-100W

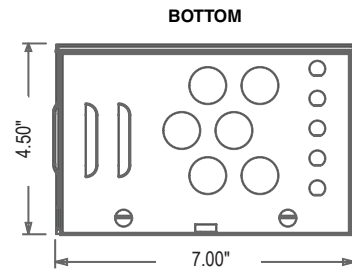
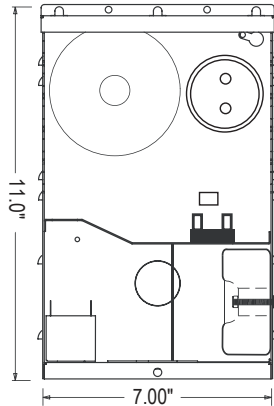
Mounting

- 6 plane surface mount
- Rod suspension (Two -1/4" threaded rods)



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Housing

- 18 gauge welded steel enclosure: 11"L x 7"W x 4.5"D
- Knockouts: 7
- Color: white powder coating (standard)
- (2) 3/8" threaded rods (rods not included)

Toroidal Transformer - Dual Tap (DT)

- (3) Primary taps: 12VDC, 13VDC, 14VDC or 24VDC, 26VDC, 28VDC
 - Loads may be connected to one (1) of the primary taps up to the full watt rating of the PSC
 - The advantage is that the PSC can be tapped to recover voltage drop and produce between 85%-100% light output
- NOTE: See Voltage Drop Calculator at www.q-tran.com

Secondary Circuit

- Up to two (2) magnetic circuit breaker
- Amps: 2.5A, 4A, 5A

NOTE: Breakers are sized to the feed load per N.E.C. Article 411 (not to exceed 25 amps per load). All wiring by the electrical contractor must be 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. Choke is standard.

NOTE: Suspension rods are purchased separately and not from Q-Tran, Inc.

- For indoor use only
- Suitable for damp locations
- Surface mount any position
- Use dimmers rated for magnetic low voltage load with neutral wire
- For supply connections use wires rated for at least 90°C
- Certified to UL 2108
- Made in the U.S.A.

