

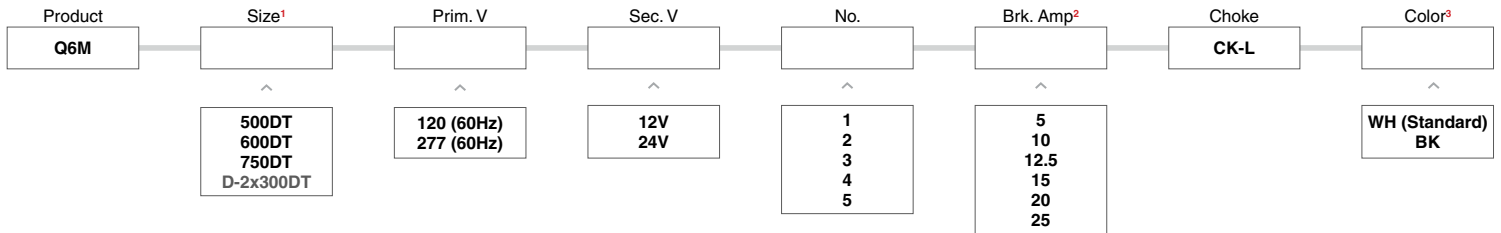
# Q6M AC POWER SUPPLY 500W-7500W



The Q6M is a surface mount power supply center capable of mounting in all 6 planes. It is available from 500W-750W in 12 or 24V.



## Part Number Builder



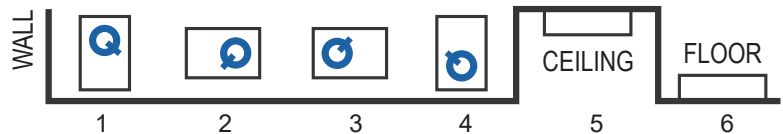
## Technical Information

<sup>1</sup> Size							<sup>2</sup> Secondary Breaker Amperage			<sup>3</sup> Color	
Size	Max Load (Watts)	PSC Efficiency	Max PSC Rating (Watts)	Max PSC Rating (VA)	Max Prim Amps @ 120V	Max Prim Amps @ 277V	Amps	Max 12V Load	Max 24V Load	WH	BK
500DT	500W	94%	530	757	4.7 A	0.2 A	5	60W	120W	White (Standard)	Black Powder Coat Finish
600DT	600W	94%	626	690	5.7 A	2.4 A	10	120W	240W		
750DT	750W	94%	795	863	7.1 A	3.0 A	12.5	150W	300W		
D-2x300DT	600W	92%	600	690	5.8 A	2.4 A	15	180W	360W		
							20	240W	480W		
							25	300W	600W		

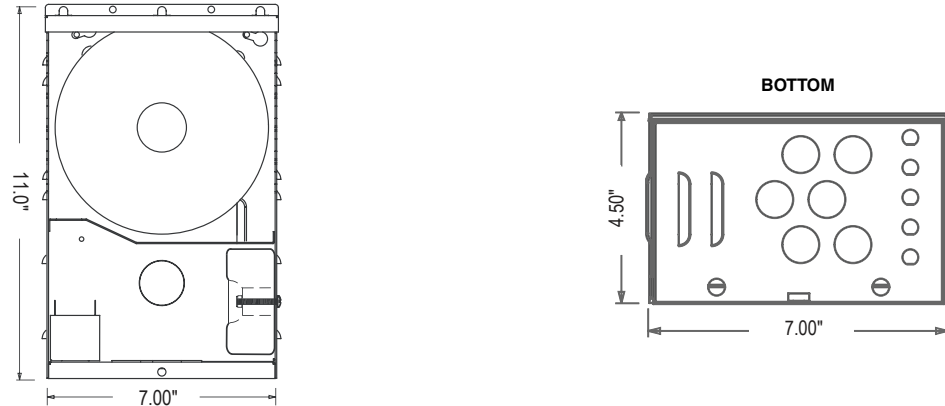
**Choke**  
CK-L 500W-750W

## Mounting

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



# Q6M AC POWER SUPPLY 500W–7500W



## 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)

- (2) Primary taps: 12VDC, 13VDC or 24VDC, 26VDC
  - 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](http://www.q-tran.com)

## Secondary Circuit

- Up to three (3) magnetic circuit breaker
- Amps: 5A, 10A, 12.5A, 15A, 20A, 25A

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
- Dimmer, if used, must be magnetic low voltage dimmer
- For supply connections use wires rated for at least 90°C
- Certified to UL 2108
- Made in the U.S.A.

