

Q6S-DC

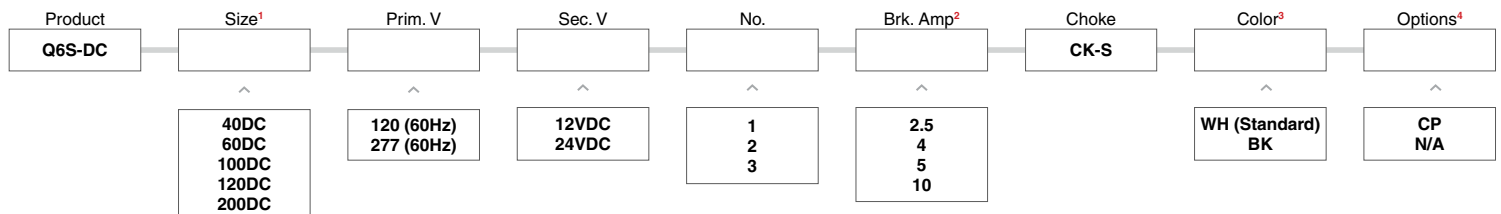
LED POWER SUPPLY 40W-200W



The Q6S-DC 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 handing up to 120 watts for 12VDC and 200 watts at 24VDC. It is dimmable with a magnetic phase controlled dimmer with a neutral wire.



Part Number Builder



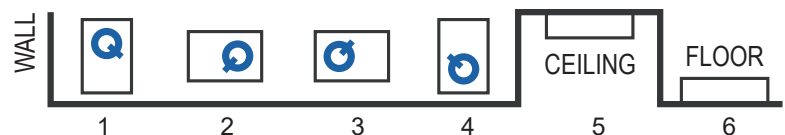
Technical Information

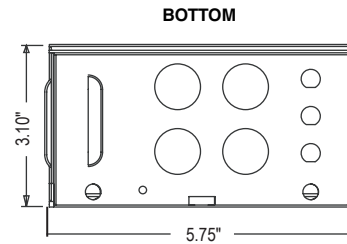
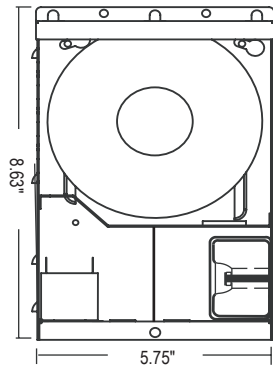
¹ Size					² Secondary Breaker Amperage			³ Color	
Size	Max Load (Watts)	Fixture Load Volts (12VDC/24VDC)	Max Prim Amps @ 120V	Max Prim Amps @ 277V	Amps	Max 12V Load	Max 24V Load	WH	BK
40DC	40W	12VDC/24VDC	0.33 A	0.10 A	2.5	30W	60W	White (Standard)	Black Powder Coat Finish
60DC	60W	12VDC/24VDC	0.50 A	0.20 A	4	48W	96W		
120DC	120W	12VDC/24VDC	0.80 A	0.40 A	5	60W	120W		
100DC	100W	24VDC	1.0 A	0.40 A	10	120W	240W		
200DC	200W	24VDC	1.7A	0.70 A					

⁴ Options		
CP	Cord & Plug	
Choke		
CK-S	50W-200W	

Mounting

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





Housing

- 18 gauge welded steel enclosure: 8.63"L x 5.75"W x 3.10"D
- Knockouts: 5
- Color: white powder coating (standard)
- (2) 1/4" 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
- 20% derating required
- 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 three (3) magnetic circuit breaker
- Amps: 2.5A, 4A, 5A, 10A

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.

