



# QTM-DC

**Q-Tran's QTM-DC** is a surface mount, interior rated, rectified DC power supply. It is CSA listed for use with interior and submersible luminaires and LED luminaires, as well as submersible pumps. It is ideal for applications that require a larger power supply where perfect dimming is not a requirement. When dimming use a forward phase dimmer with a neutral wire. The QTM-DC in 24V can be used with Q-Tran iQ LED Flexible tape light and super flex.

## HOUSING DIMENSIONS

- 18-gauge Welded Steel Enclosure: 8.0"L X 14.5"L X 4.0"D
- Door: 9.0"W X 15.5"L
- Color: White Powder Coating
- Knockouts: 21

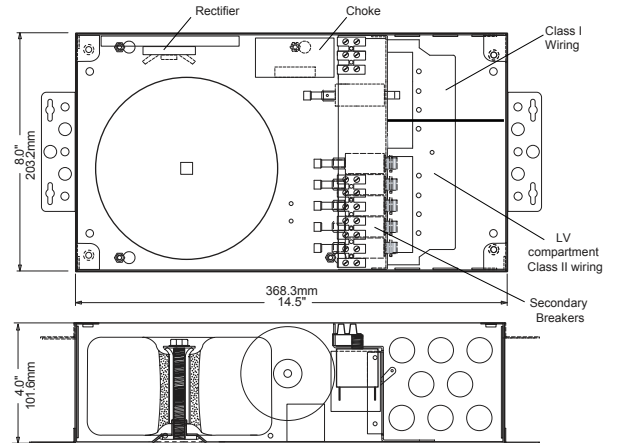
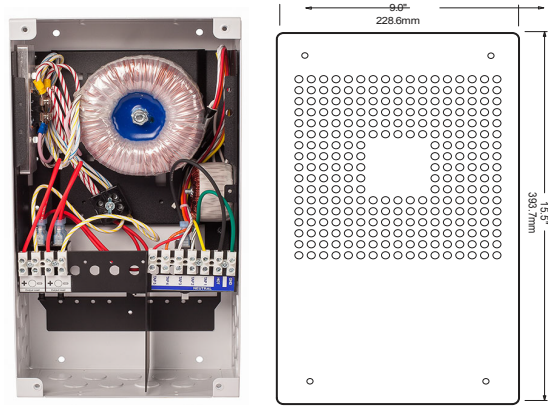
## MULTI-VOLT & TAPS

- Primary Taps:
  - : 11V, 12V, 13V, 14V, 15V
  - or** : 22V, 24V, 26V, 28V, 30V
- 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 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.

\* For information on this Power Supply please consult the Q-Tran Indoor catalog or visit the Q-Tran website.





Model	Prim. V	Sec. V	No.	Brk Amp	Option	Option 2
QTM-DC	-	-	X	+	+	
1 Size	Max Lamp Load (Watts)	Fixture Volts(58VDC)	Max Prim. Amps @ 120V	Max Prim. Amps @ 277V		
60DC	60W	12V DC	0.9 A	0.4 A		
120DC	120W	12V DC	1.4 A	0.6 A		
180DC	180W	12V DC	2.0 A	0.9 A		
240DC	240W	12V DC	2.7 A	1.2 A		
300DC	300W	12V DC	3.4 A	1.5 A		
360DC	360W	12V DC	4.1 A	1.8 A		
60DC	60W	24V DC	.65 A	.28 A		
100DC	100W	24V DC	1.1 A	0.5 A		
200DC	200W	24V DC	2.2 A	1.0 A		
300DC	300W	24V DC	3.4 A	1.5 A		
500DC	500W	24V DC	5.6 A	2.4 A		
600DC	600W	24V DC	6.7 A	2.9 A		
2 Primary Voltage						
120 (60Hz)	230 (50/60Hz)	230 (50/60Hz)	240 (50/60Hz)	277 (60Hz)		
3 Transformer Secondary Voltage						
12VDC	24VDC	* Call for custom voltages				
4 Number of Breakers						
1 to 6						
5 Secondary Breaker Amperage						6 & 7 Options
AMPS	Max 12V Load	Max 24V Load				
2.5	30W	60W				
4	48W	96W				
5	60W	120W				
10	120W	240W				
15	180W	360W				
20	240W	480W				
25	300W	600W				
6 Number of Breakers						
CK-S 60W-300W						
CK-L 360W						
Ordering Example						
<b>QTM-60DC - 120/12 - 1x5 + CK - S</b>						

\* Not Standard, Call Factory For Pricing

2018.V02

**LOW VOLTAGE LIGHTING POWER SUPPLY**

- SURFACE MOUNTANY POSITION
- TESTED TO UL 2108 STANDARD
- WALL MOUNT/ROD SUSPENSION
- FOR SUPPLY CONNECTIONS USE WIRE RATED FORAT LEAST 75°C
- SUITABLE FOR DAMP LOCATIONS
- USE DIMMERS RATED FOR MAGNETIC LOW VOLTAGE LOAD WITH NEUTRAL WIRE
- ISOLATIONTOROIDALTRANSFORMER
- 50/60 CyCLE
- MADE INTHE U.S.A.

  
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**NOTE:** All DC Power Supplies should be de-rated by 20%  
 : DC Power Supplies may produce flicker when dimming. For optimal dimming performance, use the iQ-PH or DC+CAP products

PROJECT NAME	DATE	COMPANY	TYPE	NOTE