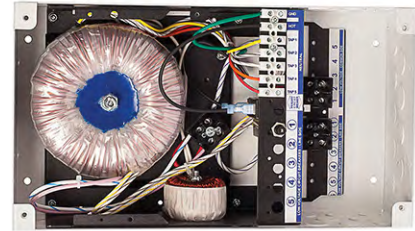


Q-Tran's QTM product line is a surface mount, interior rated, Power Supply Center (PSC). The QTM line provides 12V or 24V output configurations, input voltages from 120Vrms to 277Vrms and both 50Hz or 60Hz options. The QTMS has a single toroidal transformer and is capable of up to 750W of output power at very high efficiencies, >90%. When dimming, use a MLV dimmer that includes a neutral wire.



Part Number Builder

Product	Size ¹	Prim. V	Sec. V	No.	Amp ²	Choke	Color ³	Options ⁴
QTMS								
	60MV 100MV 150MV 300MV 500MV 600MV 750MV	120 (60Hz) 230 (50/60Hz)* 240 (50Hz)* 277 (60Hz)	12V 24V 120V*	1 2 3 4 5 6	5 10 12.5 15 20 25	CK-S CK-L	WH (Standard) BK	SP TP DP CP ST N/A

* Not standard, call factory for pricing

Technical Information

¹ Size

Size	Max Load (Watts)	PSC Efficiency	Max PSC Rating (Watts)	Max PSC Rating (VA)	Max Prim Amps @ 120V	Max Prim Amps @ 277V
60MV	60W	92%	66	78	0.5 A	0.28 A
100MV	100W	92%	108	125	1.1 A	0.46 A
150MV	150W	92%	162	175	1.5 A	0.70 A
300MV	300W	93%	321	347	2.9 A	1.30 A
500MV	500W	93%	535	578	4.8 A	2.10 A
600MV	600W	95%	630	680	5.7 A	2.50 A
750MV	750W	95%	788	851	7.1 A	3.10 A

² Secondary Breaker Amperage

Amps	Max 12V Load	Max 24V Load
5	60W	120W
10	120W	240W
12.5	150W	300W
15	180W	360W
20	240W	480W
25	300W	600W

³ Color

WH White (Standard)
BK Black Powder Coat Finish

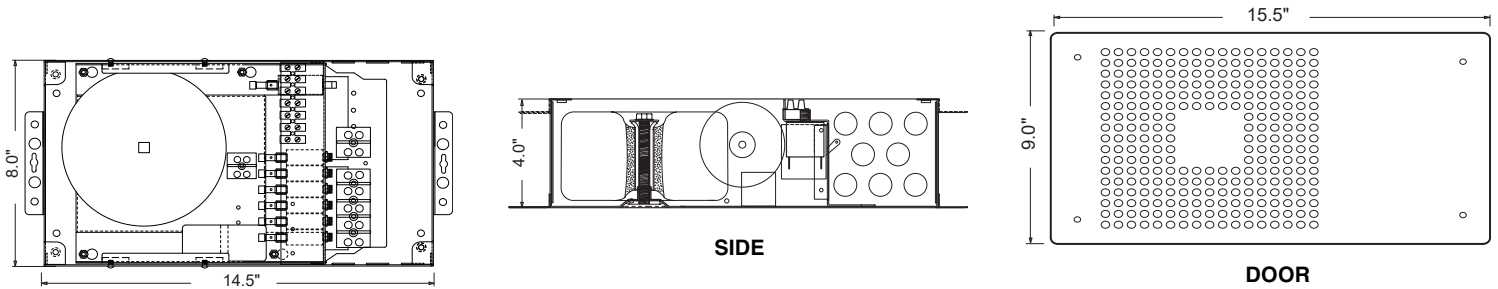
⁴ Options

SP Switch Plate
TP Timer Plate
DP Dimmer Plate
CP Cord & Plug
ST Secondary Tap (only for breakers 1-5)

Choke

CK-S 60W-300W
CK-L 500W-750W





Housing

- 18-gauge welded steel enclosure: 8.0"W 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

Tap Options (in order from TAP1 to TAP5):

12V: 11, 12, 13, 14, 15V

24V: 22, 24, 26, 28, 30V

- 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: 1-6 magnetic circuit breakers
- 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.

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| <ul style="list-style-type: none"> • UL 2108 & 1598 listed • Surface, ceiling or wall mount • Recessed wall mount type IC • Suitable for use in insulated space — zero clearance • Suitable for use in closets with clothes in direct contact • Inherently protected type IC for supply connections use wire rated for at least 75°C | <ul style="list-style-type: none"> • Suitable for indoor use only • Suitable for damp locations • Use dimmers rated for magnetic low voltage load • Complies with N.E.C. article 411 • Isolation toroidal transformer • 50/60 cycle A.C. only • Made in the USA |
|--|--|

