



Q-Hex is a module low voltage power supply, available in both 12VAC and 24VAC outputs. Power ratings available are 60W-300W. The Q-Hex comes standard with two primary taps and five secondary taps, to compensate for any voltage drop. The Q-Hex works seamlessly with the Q-TRIX-B160 direct burial junction box, providing an unrivaled solution for all outdoor lighting needs.



HOUSING DIMENSIONS

- Enclosure: 6.20"L x 4.90"W x 6.70"H
- Built-in support

FEATURES

- All leads are live after primary is connected
- Plastic tubes hold leads securely and provide easy access
- Easy to connect and pull wire through protective tube
- All connections should be made with silicone filled wire nuts
- Q-HEX comes with (1) secondary breaker
- Power Supply has thermal protection
- Standards
 - Landscape Lighting
 - : CSA C22.2 No. 250.7-07 Extra-low-voltage Landscape Lighting Systems
 - : UL 1838 Low Voltage Landscape Lighting Systems
 - Low Voltage Lighting
 - : CSA C22.2 No. 250.0-08 Luminaires
 - : UL 2108 Low Voltage Lighting Systems
- CSA Class

Input	Output (max)	CSA Class	
120VAC	12V 24V	3426-04	Luminaires - Landscape Lighting Systems - Component
		3426-94	Luminaires - Landscape Lighting System - Component - US
120V-277VAC	12V	3426-94	Luminaires - Landscape Lighting Systems - Component - US
120V-277VAC	24V	3426-06	Luminaires - Low Voltage Lighting Systems
		3426-96	Luminaires - Low Voltage Lighting Systems - US

ORDERING GUIDE					
Model	Size	Prim. V	Sec. V	Amps	Opts
Q-HEX	-	-	/	+	-
1 Size	Secondary Voltage(12V/24VAC)	Max Prim. Amps @120V	Max Prim. Amps @277V		
60W	12V/24V	0.7 A	0.3 A		
120W	12V/24V	1.3 A	0.6 A		
180W	12V/24V	1.9 A	0.9 A		
240W	12V/24V	2.5 A	1.1 A		
300W	12V/24V	3.2 A	1.4 A		
2 Primary Voltage	120V	277V			
3 Secondary Voltage	12V	24V			
4. Secondary Breaker Amperage	AMPS	Max 12V Load	Max 24V Load		
2.5A		60W	120W		
5A	60W	180W	300W		
7.5A		180W			
10A	120W	240W			
12.5A		300W			
15A	180W				
20A	240W				
25A	300W				
Ordering Example					
Q-HEX-300-120/12					

2017.V01

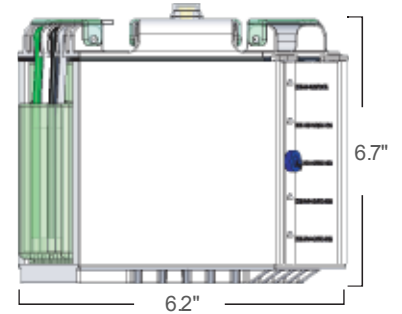
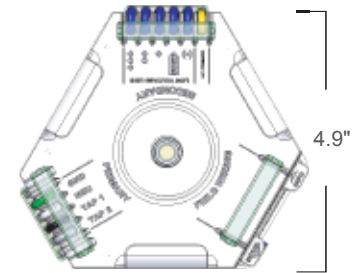
PROJECT NAME	DATE	COMPANY	TYPE	NOTE



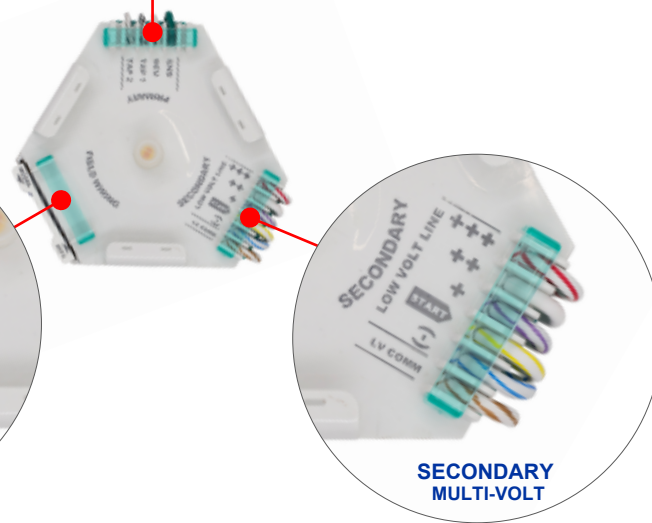
Q-HEX POWER SUPPLY UNIT



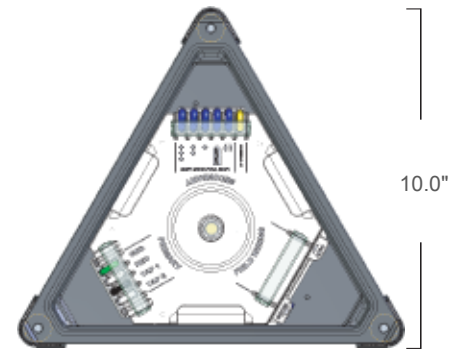
PRIMARY TAPS



FIELD WIRING



SECONDARY MULTI-VOLT



Q-HEX shown mounted into Q-TRIX-B160
NOTE: Q-TRIX-B160 sold separately

PRIMARY TAPS

- 2 primary taps for additional flexibility
- A switch or dimming tap to compensate for losses when dimming

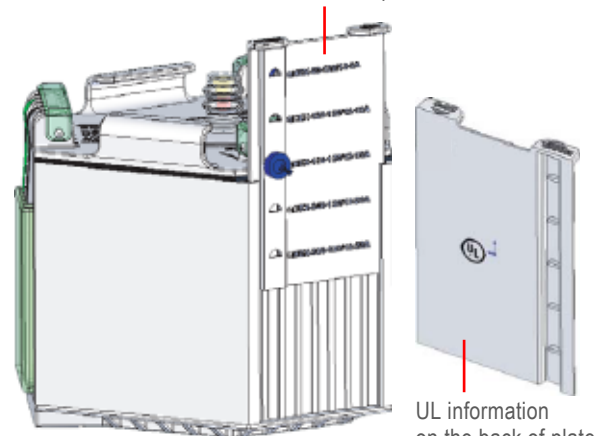
SECONDARY MULTI-VOLT

- Load may be connected to one or more of the secondary taps up to full watt rating of Q-HEX
- Five (5) secondary taps provide secondary voltages of: 11V, 12V, 13V, 14V & 15V and 22V, 24V, 26V, 28V & 30V
- Voltage drop associated with long wire runs can be compensated for with the different tap options, ensuring the desired voltage at the light fixture and produce between 85%-100% light output

FIELD WIRING

- Manage wires when installing the unit (See above)

Model information on the front of plate.

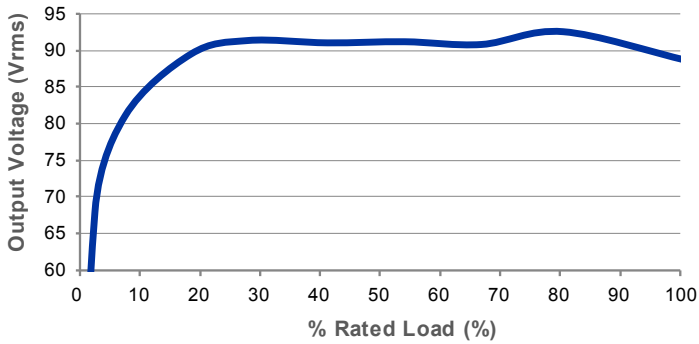


UL information on the back of plate.



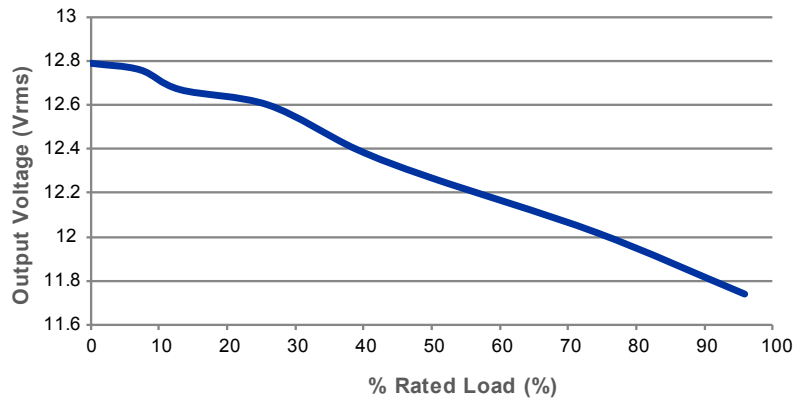
Q-HEX SPECIFICATIONS

Q-HEX-300-120/12
Efficiency vs. % Rated Load

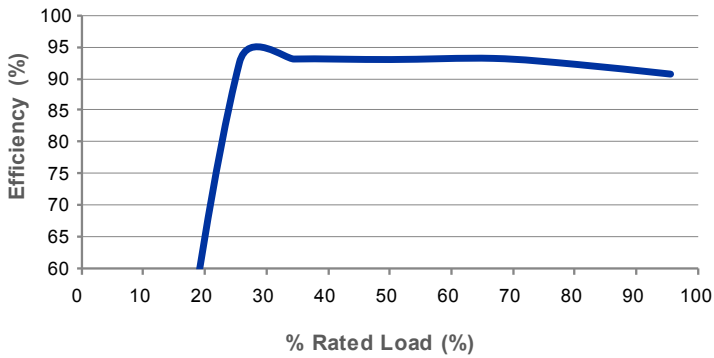


NOTE: TAP 2 nominal output voltage tap.

Q-HEX-300-120/12
Output Voltage vs. % Load

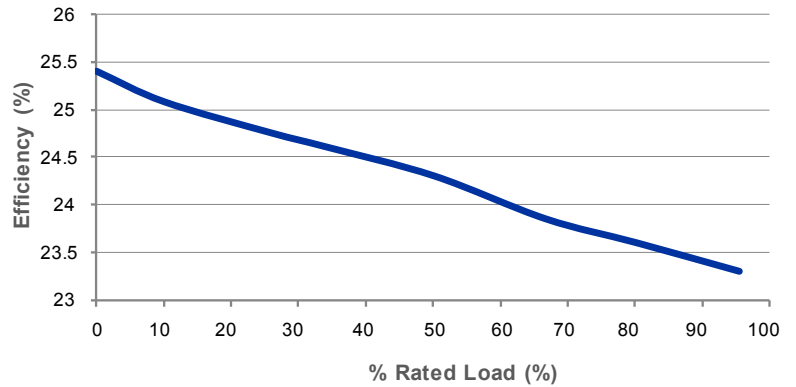


Q-HEX-300-120/24
Efficiency vs. % Rated Load



NOTE: TAP 2 nominal output voltage tap.

Q-HEX-300-120/24
Output Voltage vs. % Rated Load



PERFORMANCE

- Power Supply is rated for outdoor and in-ground use
- Power Supply is fully rated to operate low voltage load at listed wattage (No Derating Required)
- Power Supply has the ability to be dimmed using MLV Dimmer
- Power Supply Manufacturer offer minimum of 10 year warranty
- Power Supply is rated for:
 - Landscape Lighting System Components:** CSA Class 3426-04 and Class 3426-94
 - Low Voltage Lighting Systems:** CSA Class 3426-06 and Class 3426-96
- Power Supply is fully potted in epoxy to limit water ingress
- Power Supply has thermal protection
- Power Supply is live tested by manufacturer to ensure proper operation
- Power Supply has dimensions of 6.20"L x 4.90"W x 6.70"H