

DATA SHEET

QT® PS-AE-3

ACTIVE EMITTER POWER SUPPLY



The Active Emitter Power Supply is an external power supply that provides DC power to the Qt® Active Emitter through the Active Emitter Power Injector. It houses three 14/2 conductor cabling outputs that each power up to 50 Qt Active Emitters for a total of 150 Active Emitter maximum. The Active Emitter Power supply is rack or wall mountable.

FEATURES

- Supplies power to Qt Active Emitters by way of Active Emitter Power Injector
- Powers up to 150 Qt Active Emitters total
- Houses three output connectors powering 50 Emitters per output
- Utilizes 14/2 conductor cabling to power Qt Active Emitter Power Injector
- Rack or wall mountable

PS-AE-3 SPECIFICATIONS

Input power:	100-240V, 4.0A auto switching	Environmental:	
No load power consumption:	0.5 Watts maximum	Ambient Operating Temperature Range:	40 - 90° F (4 - 32° C)
Peak in-rush current:	15/30A	Humidity:	40-90% relative humidity (non-condensing)
Output power:	36VDC ± 10% 8.9A maximum	Altitude:	0-6,600 ft (0-2000m) MSL
Efficiency:	88%	Product Dimensions	
Output Connectors		Height:	2.5 inches (64 mm)
Type:	2 Conductor Captive Screw (12 to 24 AWG)	Width:	5 inches (127 mm)
Quantity:	3	Depth:	12.5 inches (317 mm)
Maximum DC Output Current:	2.9A maximum (each output)	Weight:	3.8 lbs. (1.7 kg)
Output Overload/Short Circuit Protection:	Auto recovery	Compliance:	FCC Part 15B (USA) ETL Listed (USA) CSA Listed (Canada) CE Marked (Europe) RoHS Directive (Europe)
Indicators:	Power (Green LED) for each output		

RECOMMENDED CABLING TYPES

14 AWG - 2 Conductor CMP/ NEC CL3P
West Penn #25226
Liberty #14-2C-P
Belden #6100UE or Equivalent

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