

# 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
- Met Works with WELL licensing criteria for sound masking.
- Rack or wall mountable

PS-AE-3 SPECIFICATIONS

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

RECOMMENDED CABLING TYPES

|                                           |
|-------------------------------------------|
| <b>14 AWG - 2 CONDUCTOR CMP/ NEC CL3P</b> |
| West Penn #25226                          |
| Liberty #14-2C-P                          |
| Belden #6100UE or Equivalent              |

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