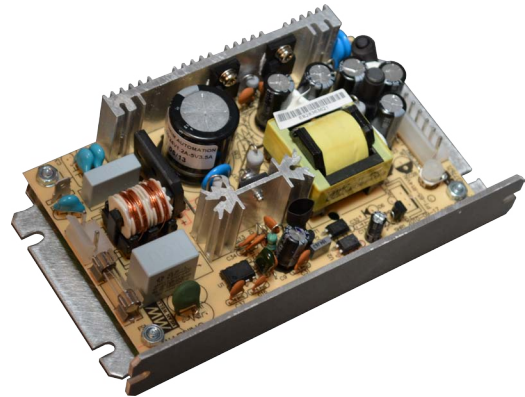


PSAM 200W Power Supply

FEATURES

- **Universal AC input / Full range**
- **Built-in active PFC function**
- **Built-in remote sense function**
- **High Efficiency up to 90%**
- **PWM control and regulated**
- **Short Circuit/Over Voltage/Overload Protection**
- **Compact Size, Light Weight**
- **Power Supply Includes Cables With 24" flying leads**



DESCRIPTION

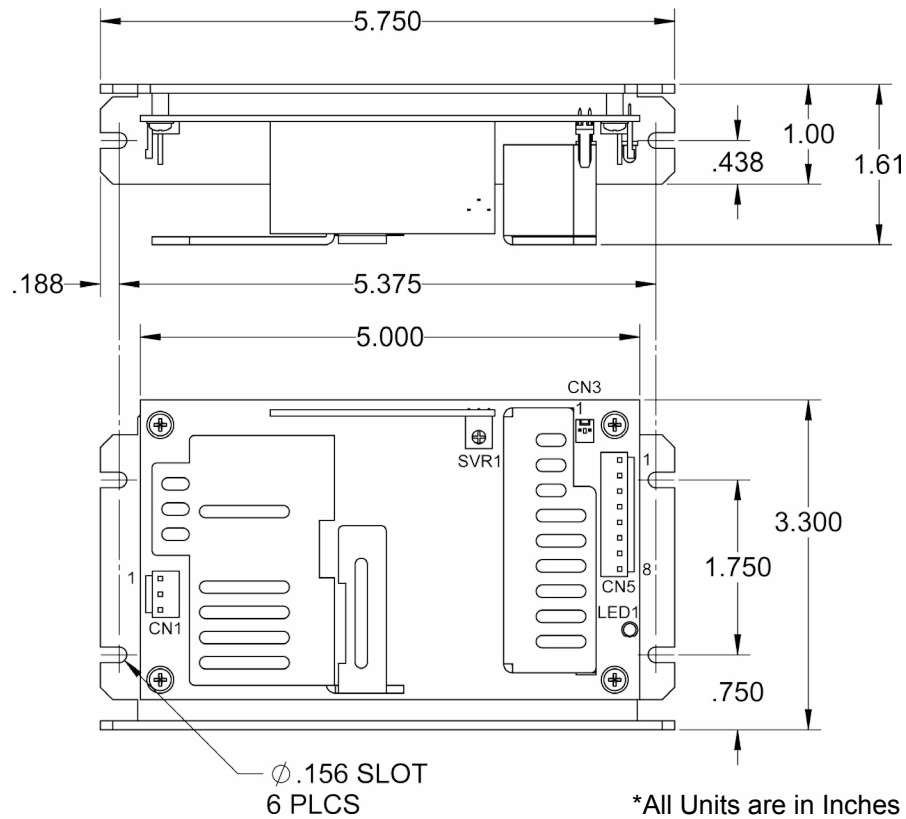
The PSAM 200W power supplies have a single voltage output with a built-in PFC function and remote sense function. With an adjustable output, these power supplies are efficient to run Anaheim Automation's lines of low current microsteppers and programmable controllers. With a compact size of 5" x 3" and dual mounting position "L Bracket", the PSAM 200W power supplies can be mounted just about anywhere.

SPECIFICATIONS

| INPUT | | | | | | | |
|---------------------|---------------------|-----------------|-----------------|------------|----------------------------|-----------------------------|-----------------|
| Voltage Range (VAC) | Voltage Range (VDC) | Frequency Range | Power Factor | Efficiency | AC Current | Inrush Current (Cold Start) | Leakage Current |
| 90~264 | 127~370 | 47~63 Hz | PF>0.93/230 VAC | 90% | 2.5A/115VAC 1.2A/230VAC | 70A/230VAC | <2mA/240VAC |

| OUTPUT | | | | | | | | | | | |
|-------------|------------|-------------------|-------------------|-----------------|----------------|------------------------|-------------------|-----------------|-----------------|---------------------------|-------------------|
| Part Number | DC Voltage | Rated Current (A) | Current Range (A) | Rated Power (W) | Ripple & Noise | Voltage Adj. Range (V) | Voltage Tolerance | Line Regulation | Load Regulation | Setup, Rise Time | Hold Time |
| PSAM24V8.3A | 24V | 8.3 | 0~6.25 | 150 | 150mVp-p | 21.6~26.4 | ±2.0% | ±0.5% | ±1.0% | 2500ms, 60ms at full load | 11ms at full load |
| PSAM48V4.2A | 48V | 4.167 | 0~3.13 | 150.24 | 250mVp-p | 43.2~52.8 | ±2.0% | ±0.5% | ±1.0% | 2500ms, 60ms at full load | 11ms at full load |

L011041



| AC Input Connector (CN1): JST B3P-VH or Equivalent | | | | |
|--|------------|-----------------------|--------------------------------|----------------|
| Pin No. | Assignment | Mating Housing | Terminal | Included Cable |
| 1 | AC/L | JST VHR or Equivalent | JST SVH-21T-P1.1 or Equivalent | Black |
| 2 | No Pin | | | White |
| 3 | AC/N | | | |

| DC Output Connector (CN5): JST B8P-VH or Equivalent | | | | |
|---|------------|-----------------------|--------------------------------|----------------|
| Pin No. | Assignment | Mating Housing | Terminal | Included Cable |
| 1-4 | +V | JST VHR or Equivalent | JST SVH-21T-P1.1 or Equivalent | Yellow |
| 5-8 | -V | | | Black |

| AC Input Connector (CN3): MOLEX 5045-02 or Equivalent | | | | |
|---|------------|--------------------------|--------------------------|----------------|
| Pin No. | Assignment | Mating Housing | Terminal | Included Cable |
| 1 | RS- | MOLEX 5051 or Equivalent | MOLEX 4809 or Equivalent | |
| 2 | RS+ | | | |

⚠ HS1, HS2 CAN NOT BE SHORTED

