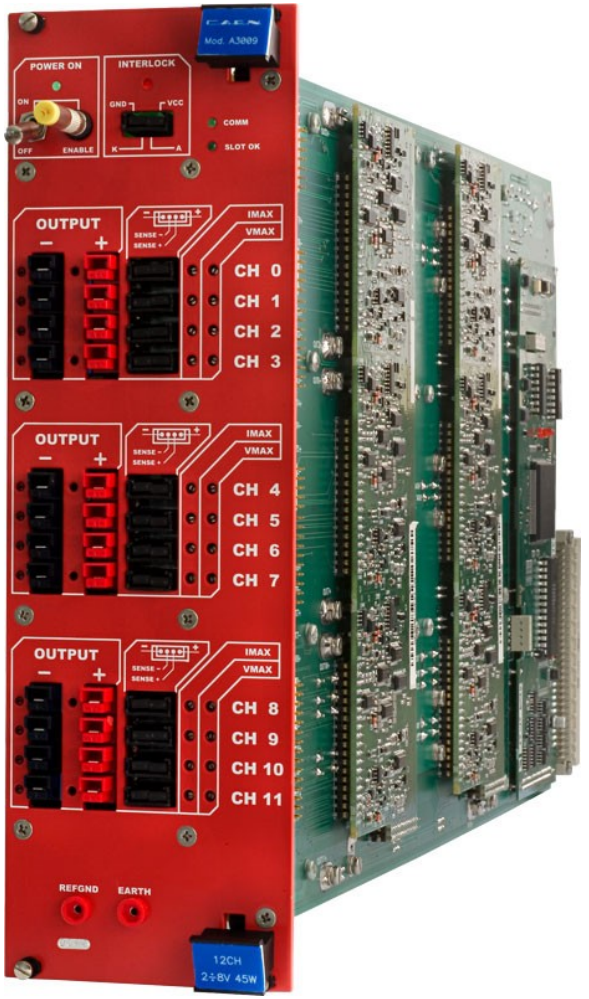
# A3009 12 channel

Overview | **Tech. Spec.** | Documentation | Software/Firmware | Compare | Ordering Option

| | |
|---|---|
| **Polarity** | Reversible |
| **Output Voltage** | 1.5 ÷ 8 V (connector output) |
| **Max. Output Current** | 9 A |
| **Voltage Set/Monitor Resolution** | 5 mV |
| **Current Set/Monitor Resolution** | 10 mA |
| **VMAX hardware** | 1.5 ÷ 8 V |
| **VMAX software** | 1.5 ÷ 8 V |
| **VMAX software resolution** | 5 m V |
| **Voltage Ripple** | <20mV pp on 10µF //0.1 µF 10Hz-15MHz |
| **Voltage Monitor vs. Output Voltage Accuracy** | max. ±30 mV ±0.3% of reading |
| **Voltage Set vs. Output Voltage Accuracy** | max. ±30 mV ±0.3% of reading |
| **Current Monitor vs. Output Current Accuracy** | ± 0.05A ± 2% of reading |
| **Current Set vs. Output Current Accuracy** | ± 0.05A ± 2% of reading |
| **Load Regulation** | ± 0.3 % (with sense wires)<br>± 2 % (without sense wires) |
| **Output Power (per Channel)** | 45 W |
| **Test Set Up** | cable: length = 20~30m; diam.= 10mm (for both output and return) with sense wires connected<br>test load: 250÷2000 W (nominal)<br>load capacitance: 100µF electrolytic // 100nF ceramic (// to the load) |
| **Weight** | 5.5kg |




We need another crate for LV power supply

# E3646A 60W Dual Output Power Supply, Two 8V, 3A or 20V, 1.5A

**Product Status:** Currently Orderable | Currently Supported

Overview

## Key Specifications

### Output Ratings (@ 0°C to 40°C) 2 Outputs

- Range 1: 0 to 8 V / 3 A
- Range 2: 0 to 20 V / 1.5 A

### Programming Accuracy (@ 25°C ±5°C), ±(% output + offset)

- Voltage: <0.05% + 10 mV (<0.1% + 25 mV for output 2 of E3646/47/48/49A)
- Current: <0.2% + 10 mA

### Ripple & Noise 20 Hz to 20 MHz

- Normal Mode Voltage: <5 mVpp / 0.5 mVrms
- Normal Mode Current: <4 mArms
- Common Mode Current: <1.5 uArms

### Readback Accuracy (@ 25°C ±5°C), ±(% output + offset)

- Voltage: <0.05% + 5 mV (<0.1% + 25 mV for output 2 of E3646/47/48/49A)
- Current: <0.15% + 5 mA (<0.15% + 10 mA for output 2 of E3646/47/48/49A)