

The model LS1130 single output power supply is easy to use, light, and compact. Excellent regulation, low ripple, and robust thermal design mean this power supply can operate continuously at rated power and still provide quality DC to your projects.



Features

- LEDs to indicate constant voltage or constant current operation.
- Coarse and fine adjustments for both voltage and current for precise settings.
- Easily-readable digital displays for voltage and current.
- Overload and reverse polarity protection.
- Isolated output -- either polarity may be floated or grounded.
- CV/CC operation. LED indication for CV (Green)/ CC (Red) mode.
- Excellent regulation and low ripple characteristics.
- Light and compact design.
- Connect multiple LS1130 supplies in series for higher voltages or in parallel for higher currents.

Specifications

Output Voltage	0 - 30V	
Output Current	0 - 3A	
Constant Voltage Mode	Line regulation	≤ 0.01% + 3 mV
	Load regulation	≤ 0.01% + 3 mV (≤ rating current)
	Ripple & noise	≤ 1 mV rms, 5 Hz to 1 MHz (current ≤ 3 A)
	Temperature coefficient	≤ 300 ppm/°C
	Recovery time	≤ 100 μs (50% load change, minimum load 0.5 A)
Constant Current Mode	Line regulation	≤ 0.2% + 3 mA
	Load regulation	≤ 0.2% + 3 mA
	Ripple & noise	≤ 3 mA RMS
Display	3 digit 0.56" LED display. Red LEDs for voltage, green LEDs for current	
	Accuracy	≤ 0.5% of reading + 2 digits
Tracking (series)	Accuracy	≤ 0.5% + 2 digits
Power requirements	AC 110V/220V ±10%, selectable, 50/60 Hz, 210 W	
Operating environment	Operation	0 °C to 40 °C, ≤ 75% RH
	Storage	-15 °C to 70 °C, ≤ 85% RH
Accessories included	AC line cord Instruction manual Fuse 1 set of test leads 1 earth ground bus strap	
Dimensions (W x H x D)	127 x 152 x 292 mm 5.0 x 6.0 x 11.5 inches	
Weight	4 kg (8.8 pounds)	

Specifications subject to change without notice.