

**Any Output Voltage
0-300VDC**

Output Current 0-100A

**Remote Programmable
Voltage and Current**

**Constant Current or
Voltage**

Compact Size

Remote On/Off

AC Line Cord

**Series and Parallel
Operation**

3 Year Warranty

Lambda's Zero-up LMS Series provides a standard solution for any output voltage or current programmable remotely for any test application. The LMS Series is also designed to operate in constant current or voltage modes depending on the load impedance like battery charging or precision plating.

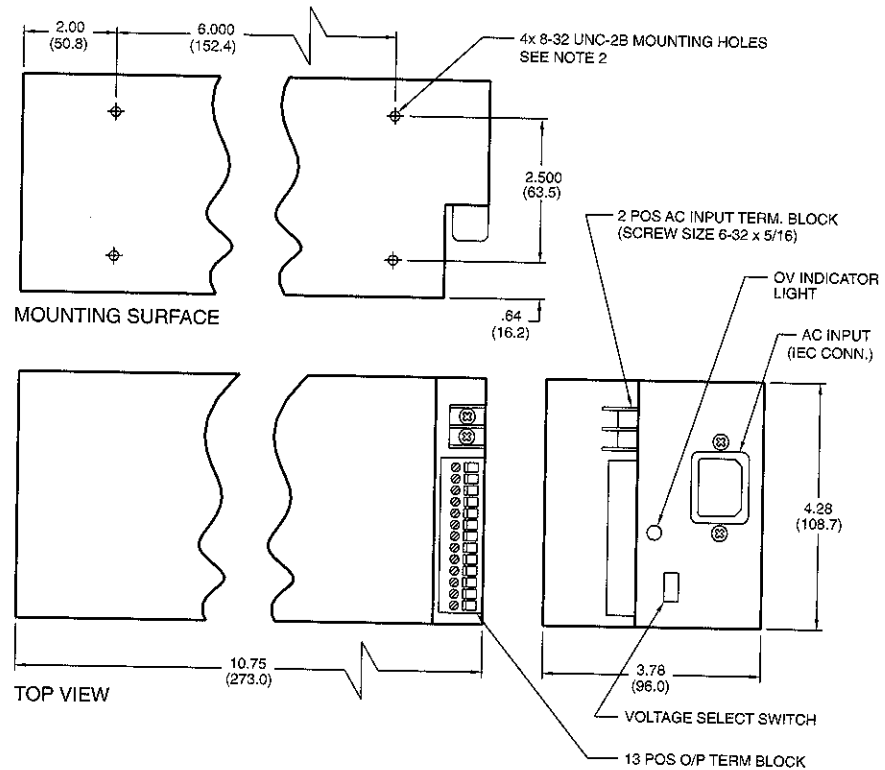
The LMS line supports both parallel and series operation for output power scalability or high voltage output capabilities, respectively.

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AC Input	85-132VAC or 170-265VAC, user selectable, 47-440Hz.
Efficiency	LMS6000 65%, LMS9000 75%.
Inrush Current Limiting	20A @110VAC, 40A @220VAC input.
Conducted EMI	FCC 20780 and VDE 0871 Class A.
DC Output Controls	Simple screwdriver adjustment over the entire voltage range.
Remote Programming Voltage	volt per volt or 0-5 volt isolated signal for zero to full voltage.
Remote Programming Current	0-5V isolated signal for zero to I_o (max).
Line Regulation	0.05% Voltage, 0.3% Current.
Load Regulation	0.05% Voltage 0 to full load current. 0.3% current 0 to rated voltage.
Ripple and Noise	5mV RMS, 35 mV pk-pk on 8V and 18V models. 10 mV RMS, 75mV pk-pk on 40V and 60V models. 20mV RMS, 150mV pk-pk on 120V and 300V models. 35mV RMS.
Current Ripple	1.0% I_o (max) RMS.
Constant Current	Programmable Current limit (Automatic Crossover) 5% to full rated current.
Parallel Operation	Designed for Series and Parallel operation.
Overvoltage Protection	Built-in, adjustable overvoltage. AC recycle to reset.
Cooling	All models are fan cooled.
Operating Temperature Range	0°C to 71°C with derating from 40°C to 71°C.
Storage Temperature	-55°C to +85°C.
Temperature Coefficient	0.03%/°C.
Led Status Indicator	Overvoltage and overtemperature indicator on rear panel.
Remote On/Off	TTL compatible isolated source or contact closure. LOW=ON, HIGH=OFF.
Resistive Programming	Customer adjustable from 200ohm/volt to 1000 ohm/volt. 1000 ohm/volt on the LMS-6300 and LMS-9300.
Thermal Protection	Internal shutdown for excessive internal temperature. When shutdown occurs, a front panel LED indicator will turn on. AC recycling required for reset.
Safety Agency Approval	UL 1950, TUV/EN 60950, CSA 1402C.
Accessories	Rack adapters and line cords available.
Warranty	3 years.

OUTPUT	POWER (W)	MAX CURRENT AMPS AT				MODEL
		40°	50°	60°	71°	
0-8V	160	20.00	20.00	16.50	13.50	LMS-6008
	800	100.00	90.00	78.00	57.00	LMS-9008
0-18V	160	9.00	9.00	8.20	6.80	LMS-6018
	800	45.00	40.00	33.00	25.00	LMS-9018
0-40V	160	4.00	4.00	3.80	3.10	LMS-6040
	800	20.00	18.00	15.00	11.00	LMS-9040
0-60V	160	2.80	2.80	2.60	2.10	LMS-6060
	800	14.00	12.00	10.00	8.00	LMS-9060
0-120V	160	1.40	1.40	1.30	1.00	LMS-6120
	800	7.00	6.00	5.00	4.00	LMS-9120
0-300V	160	0.56	0.56	0.52	0.40	LMS-6300
	800	2.80	2.40	2.00	1.60	LMS-9300

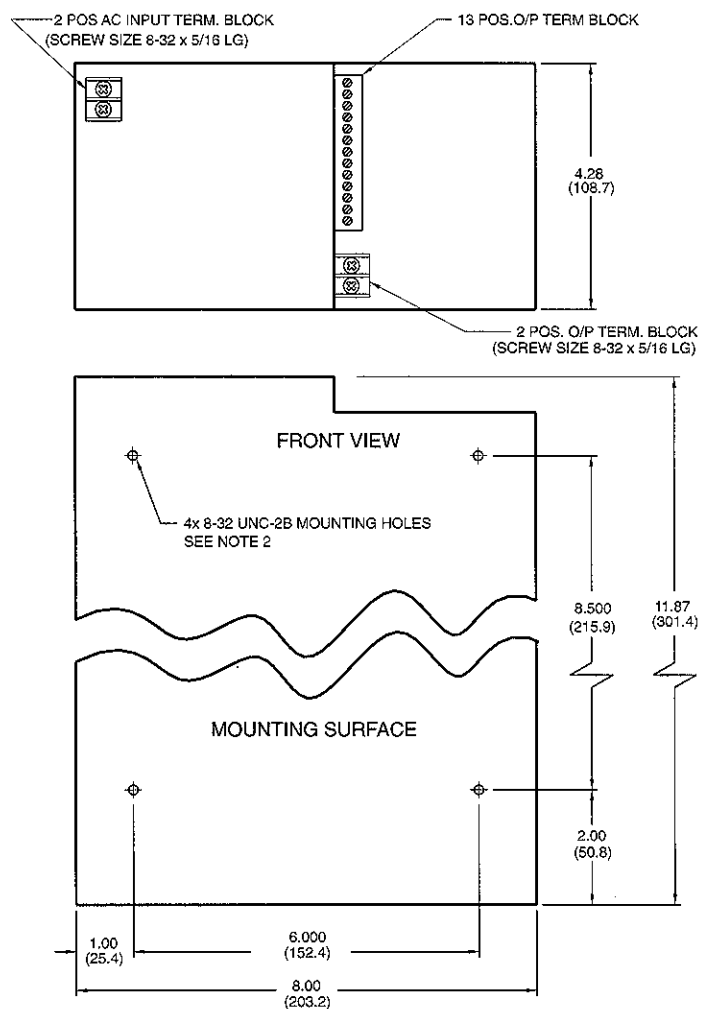
LMS6000



NOTES

1. Dimensions are in inches except dimensions () are in mm.
2. 8-32 UNC-2b tapped holes for customer mtg. Screws must not protrude into power supply by more than .25 (6.3).
3. Customer must provide clearance around vent holes to allow for air flow.
4. Weight: net 7.25 lbs, ship 8.0 lbs.

LMS9000



NOTES

1. Dimensions are in inches except dimensions () are in mm.
2. 8-32 UNC-2B tapped holes for customer mtg. Screws must not protrude into power supply by more than .25 (6.3).
3. Customer must provide clearance around vent holes to allow for air flow.
4. Weight: net 14.5 lbs, ship 19.0 lbs.