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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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so your equipment works exactly as you specify.

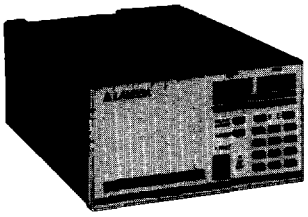
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Expert team | Trust guarantee | 100% satisfaction

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Find the *Lambda LLS-6008* at our website: ***Click HERE***

LLS Series Laboratory power supplies



User Selectable 110/220VAC input Range

Microprocessor-Controlled Input Keypad

User-Adjustable Overvoltage and Overcurrent Controls

Digital Front Panel Voltage and Current Meters

Remote Functions

Benchtop or 19" Rack Mountable

AC Input Line Cord

3 Year Warranty

Constant Current & Voltage

Mode Operation

Auto Crossover From Voltage To Current Modes

Lambda's LLS Series Lab Line offers the broadest range of single output, zero-up, stand-alone programmable power supplies available today. They provide the ideal solution for a wide range of laboratory systems and industrial applications.

The LLS Series provides the flexibility required for today's ATE and system needs. The digitally controlled front panel is easy to use, and provides precise control of the power supply.

The LLS Series has models up to 300V, up to 100A, and up to 800W. All models are backed by Lambda's 3 Year Warranty and are available for immediate delivery from stock.

Similar products		Page
LMS	Chassis/Rack Mount	40

AC Input ..... 85-132VAC or 170-265VAC, user selectable, 47-63Hz.

AC Power Control ..... On-Off switch on front panel.

Inrush Current Limiting ..... Limits in-rush current at turn-on to 20A when connected for 110VAC input and 40A when connected for 220VAC input.

DC Output ..... 5% to full load current.

DC Output Controls ..... Output voltage and output current adjust is via a front panel key pad.

Line Regulation ..... 0.05% for line variations from 85 to 132VAC or 170 to 265VAC.

Line Regulation (Current) ... 0.3% of Io (max) for line variations from 85 to 132VAC or 170 to 265VAC.

Load Regulation ..... 0.05% for load variations from 0 to full load.

Load Regulation (Current) .. 0.3% of Io (max) for load variations from short circuit to rated DC voltage. 2.5mA on LLS-5300.

Ripple and Noise ..... 5mV RMS, 35mV pk-pk on 8V and 18V models. 10mV RMS, 75mV pk-pk on 40V and 60V models. 20mV RMS, 150mV pk-pk on 120V and LLS-6300 and LLS-9300 models. 35mV RMS, 300mV pk-pk on the LLS-5300.

Overvoltage Protection .... Adjustable overvoltage protection removes the inverter drive in the event of an OV condition. AC power must be recycled in order to restore operation.

Overload Protection ..... Adjustable, automatic self-resetting electronic current-limiting is included.

Cooling ..... The LLS-5000 Series is convection cooled. The LLS-6000, LLS-8000 and LLS-9000 Series are fan cooled. (Leave adequate clearance at all air intakes and exhausts).

Operating Temperature Range Continuous duty from 0°C to +71°C with appropriate deratings from 50°C to 71°C. (0°-60°C. for 5000 Series).

Storage Temperature ..... -55°C to +85°C.

Temperature Coefficient .... 0.03% /°C.

Led Status Indicator ..... CV/CC indicator,overvoltage/overtemperature indicator and standby LED indicators on the front panel.

Meters ..... Digital 3.5 digit voltage meter and 3 digit current meter on front panel.

Remote On/Off ..... A TTL compatible isolated source or contact closure low voltage or short enables the unit. A TTL compatible high voltage or open circuit turns the unit off.

Remote Sensing ..... Provision is made for remote sensing to eliminate effect ot power output lead resistance on DC regulation.

Resistive Programming ..... Customer adjustable from 200 ohms per volt to 1000 ohms per volt. 1000 ohms per volt on the LLS-5300, LLS-6300 and LLS-9300.

Voltage Programming ..... Volt per volt or 0-5 volt signal using an isolated voltage source for zero to full voltage out, customer selectable.

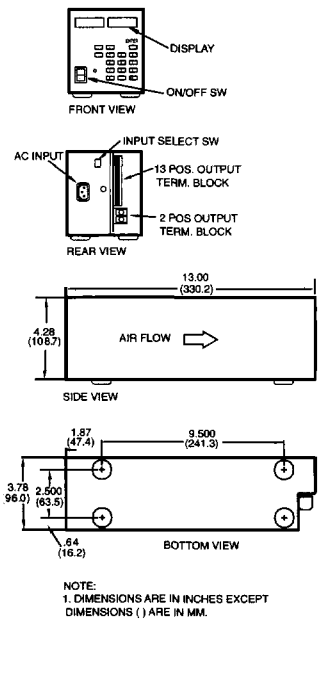
Current Programming ..... 0-5V isolated signal for zero to Io (max).

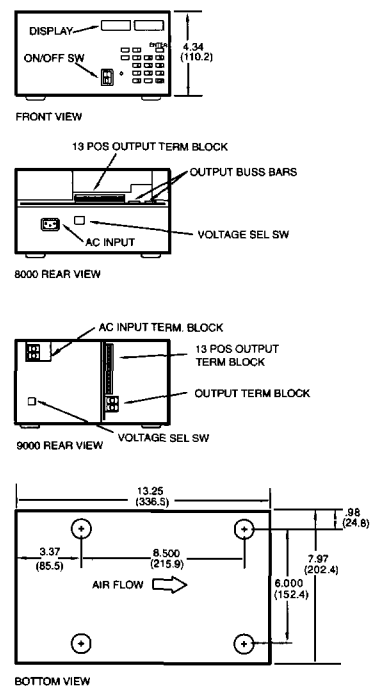
Thermal Protection ..... Internal temperature sensing circuit protects units from excessive ambient temperature on the LLS-5000 Series. The LLS-6000, 8000 and 9000 Series are protected from inadequate air velocity by an internal airflow sensing circuit. A front panel LED indicator will light upon shutdown. AC power must be recycled.

Input and Output Connections Input is via an IEC power line connector. DC output is via heavy duty, PC board mounted barrier strips (threaded bus bars on LLS-8000, LLS-8018, LLS-9008 and LLS-9018).

Warranty ..... 3 years.

OUTPUT	POWER (W)	MAX CURRENT AMPS AT 40°	50°	60°	71°	MODEL
0-8V	80	10.00	7.90	6.30	-	**LLS-5008**
	160	20.00	20.00	16.50	13.50	**LLS-6008**
	400	50.00	47.00	41.00	33.70	**LLS-8008**
	800	100.00	90.00	78.00	57.00	**LLS-9008**
0-18V	81	4.50	3.50	2.80	-	**LLS-5018**
	162	9.00	9.00	8.20	6.60	**LLS-6018**
	432	24.00	22.20	20.50	18.00	**LLS-8018**
	810	45.00	40.00	33.00	25.00	**LLS-9018**
0-40V	80	2.00	1.60	1.30	-	**LLS-5040**
	160	4.00	4.00	3.80	3.10	**LLS-6040**
	400	10.00	9.80	9.20	8.00	**LLS-8040**
	800	20.00	18.00	15.00	11.00	**LLS-9040**
0-60V	84	1.40	1.10	0.90	-	**LLS-5060**
	168	2.80	2.80	2.60	2.10	**LLS-6060**
	420	7.00	6.60	6.10	5.30	**LLS-8060**
	840	14.00	12.00	10.00	8.00	**LLS-9060**
0-120V	84	0.70	0.55	0.45	-	**LLS-5120**
	168	1.40	1.40	1.30	1.00	**LLS-6120**
	420	3.50	3.40	3.20	2.70	**LLS-8120**
	840	7.00	6.00	5.00	4.00	**LLS-9120**
0-300V	84	0.28	0.22	0.18	-	**LLS-5300**
	168	0.56	0.56	0.52	0.40	**LLS-6300**
	840	2.80	2.40	2.00	1.60	**LLS-9300**





Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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