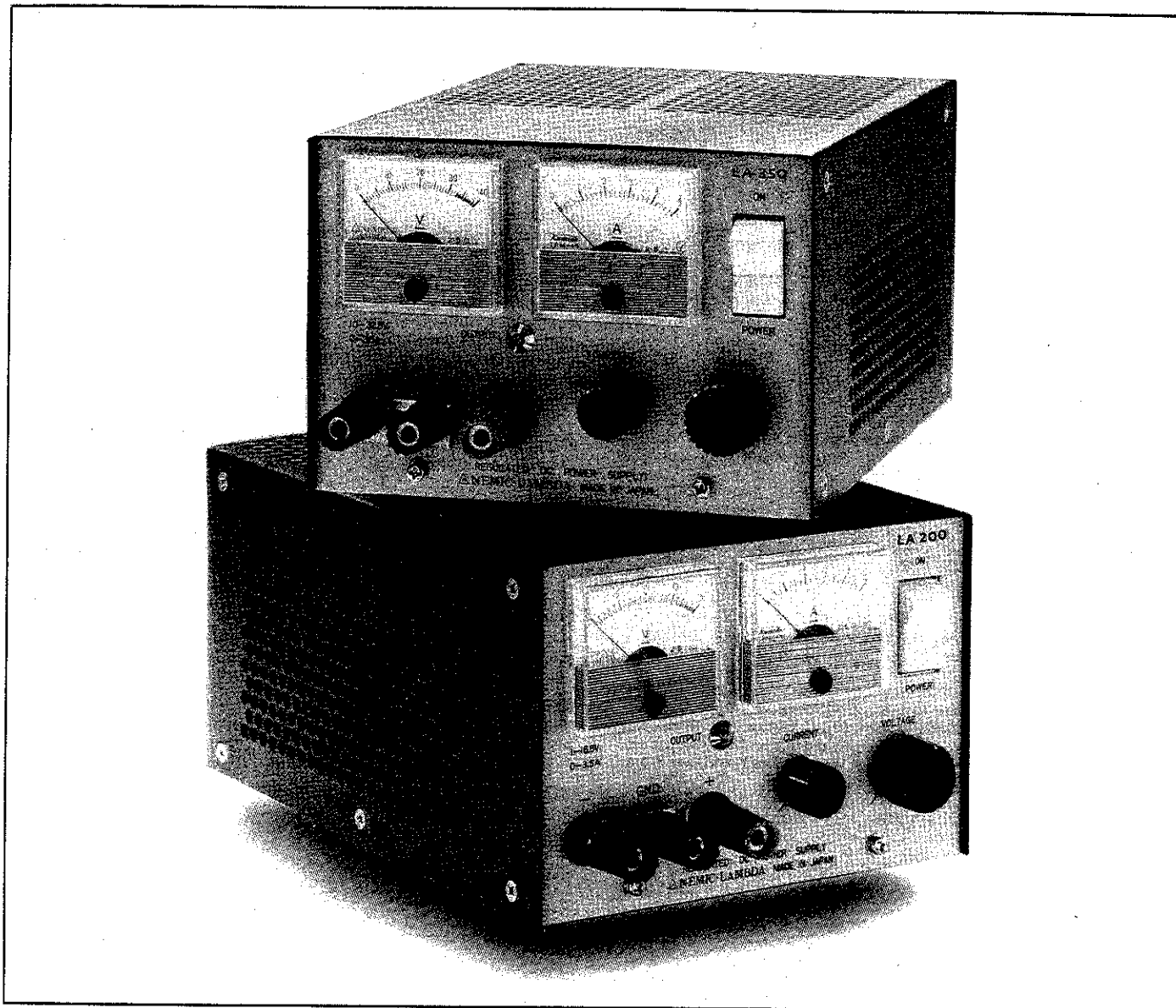


LAMBDA'S LA SERIES



THE LOWEST COST LAB SUPPLY ON THE MARKET TODAY

- At \$4.15/Watt, it is now affordable to outfit every engineer in a facility with their own lab supply.
- Available in four models, up to 32.5VDC, up to 7.0A.
- Designed with remote on/off, overvoltage protection, separate voltage and current meters, and a mode of operation indicator...all at no extra charge.
- All models are available for one day delivery from stock.
- Grade 3 design.

PART III—TEST, SYSTEMS AND LABORATORY POWER SUPPLIES

LAMBDA'S LA SERIES

DC OUTPUT AND RATINGS

Refer to the tables.

REGULATED VOLTAGE

regulation, line 20mV for LA 200, LA 300; 40mV for LA 250, LA 350 for line variations from 85 to 132 VAC.
regulation, load 20mV for LA 200, LA 300; 40mV for LA 250, LA 350 for load variations from zero to full load.
ripple and noise (20MHz Bandwidth) 60mV pk-pk for LA 200, LA 300; 80mV pk-pk for LA 250, LA 350 with either positive or negative terminal grounded.
temperature coefficient $(.012\% + 2mV)/^{\circ}C$.

AC INPUT

line 85 to 132VAC, 47-440Hz.

DC INPUT

110 to 165VDC.

EFFICIENCY

Typically greater than 80% at full output power.

OPERATING TEMPERATURE RANGE

Continuous duty from 0 to 50°C with no derating.

STORAGE TEMPERATURE

-20°C to +70°C.

OVERLOAD PROTECTION ELECTRICAL

Adjustable, automatic current-limiting circuit limits output current to preset value. Current limiter variable from zero to I_{max} .

OVERVOLTAGE PROTECTION

Built-in: 21 ± 2VDC for LA 200, 300; 36 ± 2VDC for LA 250, 350; Fixed.

COOLING

All models are convection cooled. No fans or blowers are needed.

IN RUSH CURRENT LIMITING

In-rush current is limited to 12 amps typical. (When resuming operation in less than 8 sec. after AC turn off at no-load, soft-start circuit will not limit the in-rush current at turn on.)

METERS

Separate meters for voltage and current.

REMOTE ON/OFF CONTROL

Logic "0" for on and logic "1" for off. TTL compatible.

POWER

On-off switch on front panel.

OUTPUT ADJUSTMENT

Potentiometers on front panel allow adjustment of output voltage and current limit. The current limit is adjustable from no load to full load.

INDICATOR LIGHT

Green or red L.E.D. indicates whether power supply is in the constant voltage or current-limit mode.

INPUT AND OUTPUT CONNECTIONS

Heavy duty binding posts on front panel for output connections. Three wire AC line cord for input.

PHYSICAL DATA

Package Model	Lbs. Net	Lbs. Ship	Size Inches
LA 200	3.24	3.74	4.33 × 5.64 × 7.74
LA 250	3.24	3.74	4.33 × 5.64 × 7.74
LA 300	3.68	4.18	4.33 × 5.64 × 7.74
LA 350	3.68	4.18	4.33 × 5.64 × 7.74

GUARANTEE

90 day guarantee includes labor as well as parts.

PART III—TEST, SYSTEMS AND LABORATORY POWER SUPPLIES

LABORATORY AND TEST SELECTOR GUIDE

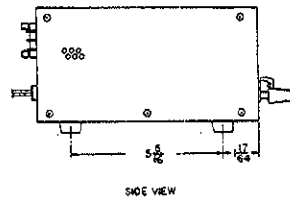
LA Series.

VOLTAGE RANGE (VDC)	MAX CURRENT AT AMBIENT OF (AMPS) 50°C	COMPLETE ELEC. SPEC. PG.	COMPLETE MECH. SPEC. PG.	DIMENSIONS (Inches)	QTY. 1	PRICE QTY. 10	QTY. 25	MODEL
1.0-16.5	4.0	131	189	4.33 × 5.64 × 7.74	\$312	\$298	\$285	LA-200
1.0-16.5	7.0	131	189	4.33 × 5.64 × 7.74	516	492	472	LA-300
10.0-32.5	2.0	131	189	4.33 × 5.64 × 7.74	312	298	285	LA-250
10.0-32.5	3.5	131	189	4.33 × 5.64 × 7.74	516	492	472	LA-350

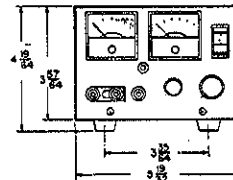
PART V — MECHANICAL DRAWINGS

LA SERIES LPS SERIES UNINTERRUPTIBLE POWER SUPPLIES

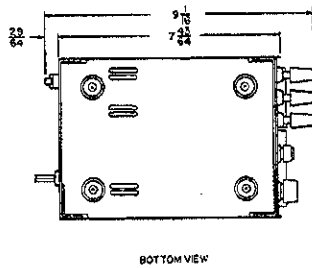
LA Series



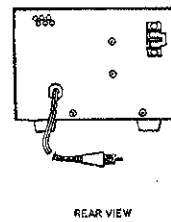
SIDE VIEW



FRONT VIEW



BOTTOM VIEW



REAR VIEW