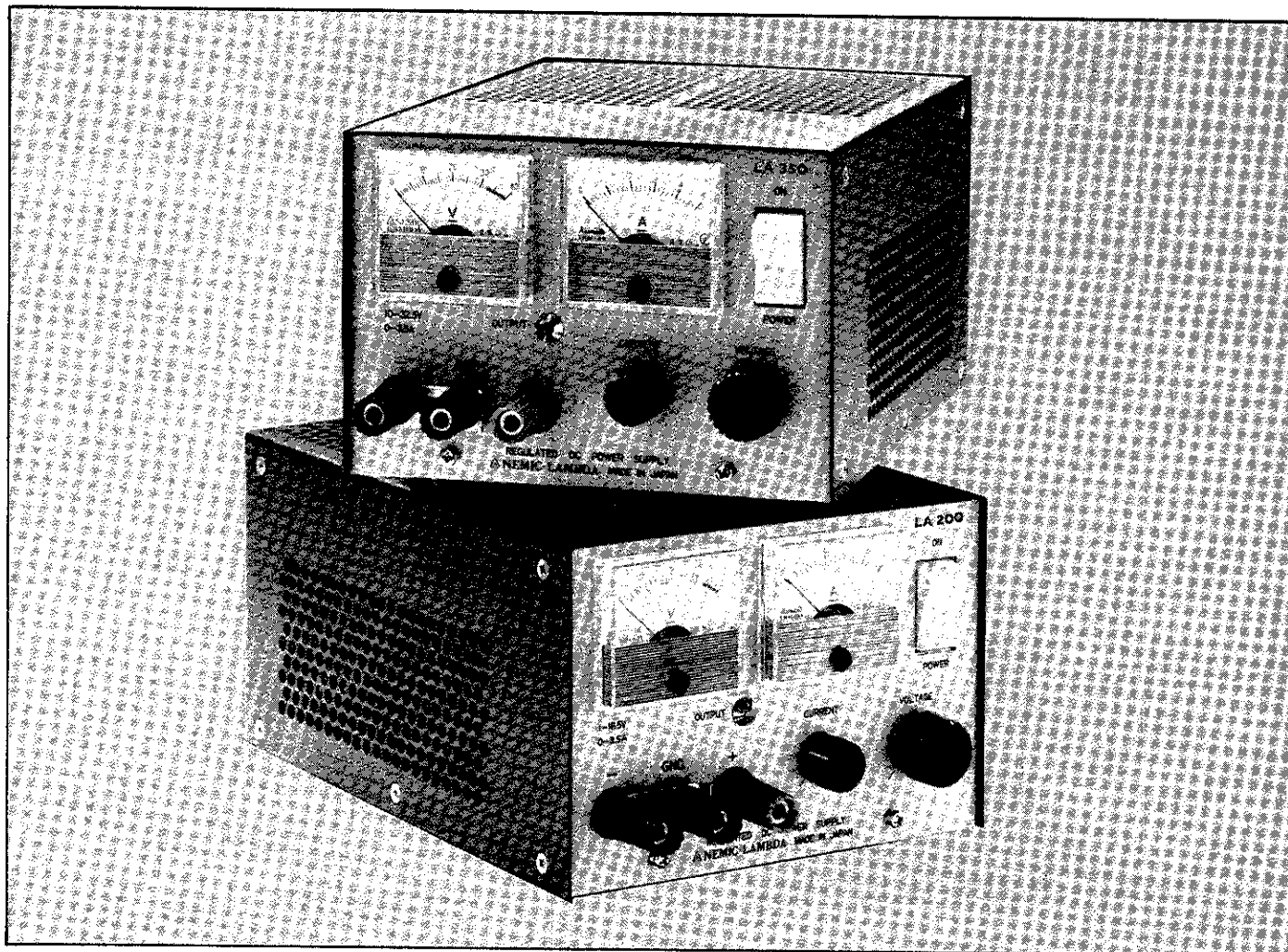


PART III—LAB, TEST EQUIPMENT AND SYSTEM POWER SUPPLIES

Lambda LA series



Features—LA series

Low-cost bench power supply

Separate voltage and
Current meters

Remote on/off

Mode of operation indicator
light

Built-in OV

One-day delivery

Voltage and Current Ratings

Single Outputs

Model	Voltage Range	Maximum Output Current	Price
LA 200	1.0-16.5 Volts	4.0A	\$184
LA 300	1.0-16.5 Volts	7.0A	306
LA 250	10.0-32.5 Volts	2.0A	184
LA 350	10.0-32.5 Volts	3.5A	306

Specifications — 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 85-132 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	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)/°C

AC Input

line	85 to 132 VAC, 47-440 Hz.
efficiency	Typically greater than 80% at full output power.

DC Input 110 to 165 VDC.

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.)

Ambient Operating Temperature

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

Storage Temperature

-20°C to +70°C

Cooling

Convection cooled—no fans or blowers needed.

Overvoltage Protection

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

Overload Protection

Electrical

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

Input and Output Connections

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

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.

Physical Data

Package Model	Weight (lbs.)		Size Inches
	Net	Ship	
LA 200	3.24	3.74	4.33 x 5.64 x 7.74
LA 250	3.24	3.74	4.33 x 5.64 x 7.74
LA 300	3.68	4.18	4.33 x 5.64 x 7.74
LA 350	3.68	4.18	4.33 x 5.64 x 7.74

Guarantee

90 day guarantee includes labor as well as parts.