

LAB/EC Linear Laboratory DC PSU

120 - 600 W



OVERVIEW

- The economical alternative
- Constant current/Constant voltage to set and to read
- Stabilized and short circuit proof
- Two 3 ½- digit displays
- Universally applicable
- Space-saving Design

TYPES

Type	Power W	Output/Source VDC	Current A	Dimensions
LAB/EC 303	120	0 - 30	0 - 3	135 x 160 x 275 mm
LAB/EC 305	150	0 - 30	0 - 5	135 x 160 x 275 mm
LAB/EC 505	250	0 - 50	0 - 5	135 x 310 x 265 mm
LAB/EC 3010	300	0 - 30	0 - 10	310 x 135 x 265 mm
LAB/EC 3020	600	0 - 30	0 - 20	310 x 135 x 290 mm

TECHNICAL DATAS

Input voltage, switchable	115/230 VAC ±10%
LCD display voltage	3½-digit ±1% + 2-digit
LCD display current	3½-digit ±2% + 2-digit
Source regulation	CV $1 \times 10^{-4} + 500 \mu\text{V}$ CC $5 \times 10^{-3} + 1 \text{ mA}$
Load regulation	CV <10 mV CC $<5 \times 10^{-3} + 10 \text{ mA}$
Ripple	CV <1 mV rms CC <5 mA rms
Operating temperature	0-50°C
Operating Humidity	30-90% (no dewdrop)
Power derating 50-70°C	-2%/°C
Storage temperature	-45 to + 85°C
Storage humidity	10-95% no dewdrop)
Vibration	10-55Hz / 1min/2G XYZ
Shock	Less than 20 G