

LAB/EC Triple Linear Laboratory DC PSU

200 - 315 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 1	Output 1	Output 1	Dimensions
LAB/EC2303	200	0 - 30 VDC/ 3 A	0 - 30 VDC/ 3 A	5 VDC/ 3 A	360 x 165 x 265 mm
LAB/EC2305	315	0 - 30 VDC/ 5 A	0 - 30 VDC/ 5 A	5 VDC/ 3 A	360 x 165 x 265 mm

TECHNICAL DATAS

Input voltage, switchable	230 VAC \pm 10%
LCD display voltage	3½-stellig/digit \pm 1% + 2-stellig/digit
LCD display current	3½-stellig/digit \pm 2% + 2-stellig/digit
Source regulation	CV $1 \times 10^{-4} + 500 \mu\text{V}$ CC $5 \times 10^{-3} + 1 \text{ mA}$
Load regulation	CV $< 1 \times 10^{-4} + 2 \text{ mV}$ CC $< 2 \times 10^{-3} + 3 \text{ mA}$
Ripple	CV $< 0,5 \text{ mV rms}$ CC $< 3 \text{ mA rms}$
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