

power^{ON} LAB 100

the universal power supply

Single Output Laboratory Power Supply 0...30 V/0...3 A

- Linear controlled DC laboratory power supply with max. 90 W output power Multipurpose constant voltage or constant current source
- Switchable display
- LED display for constant current mode
- Standard integrated measurement input for measuring external DC voltages replaces additional digital voltmeter
- Output setting via 10-turn potentiometer

Technical Data

Output Voltage:	0...30 V (infinitely adjustable)
Output Current:	5 mA...3 A (infinitely adjustable)
Constant voltage mode	
Ripple/Recovery Time (0 - 100 %):	< 2 mVss/< 50µs
Constant current mode	
Ripple/Recovery Time (0 - 100 %):	< 6 mAss/< 400 µs
Digital Display (3 digit):	
Internal Voltage Display	
Range/Resolution:	0...99.9 V/100 mV
Current display	
A-Range/Resolution:	0...9.99 A/10 mA
mA-Range/Resolution:	0...999 mA/1 mA
External Voltage Range	
Range/Resolution:	- 9.9 V...+ 99.9 V/100 mV
Temperature Drift:	100 ppm/K
Nominal Temperatur:	+ 15 °C...+ 40 °C
Protection Class:	I
Nominal Voltage:	230V ± 10 %, 50...60 Hz
Power Consumption:	approx. 0.8 A
Dimension W x H x D:	176 x 131 x 245 mm
Weight:	approx. 5 kg



Order information

Model	Description	Cat. No.
LAB 100	Basic	11010
LAB 100 F	Basic with fine adjustment locks	11020
LAB 100 A	Basic with analogue control input	11030
LAB 100 A/F	Basic with control input and fine adjustment locks	11040