EAN CODE : 3760244880000

SIMPLE **ALR3003**

PRACTICAL : Digital display of voltage and current.
- Cord housing.

PRECISE : Coarse and fine voltage adjustment.

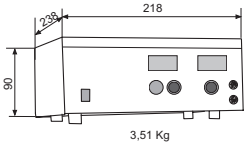
USEFUL : Automatic constant voltage or current operation.

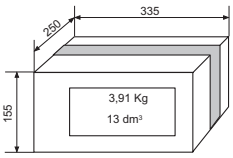
PROTECTED : Short-circuit protection.

QUIET : Controlled fan cooling.

90 WATTS

0 - 30 V 0 - 3 A





Specifications

Voltage

- Floating outputs on 4 mm safety sockets.
- Automatic constant voltage operation.
- Adjustable from 0 to 30 Volts (0 to ± 10 mV) with fine adjustment (about 2 Volts).
- Regulation : < 12 mV for a load variation from 0 to 100%.
  < 5 mV for a line variation of 10%.
- Ripple : < 3 mV peak to peak or 1 mV rms.
- Internal resistance : < 4 mΩ.
- Display : 14 mm 3 digits LED digital voltmeter.
- Resolution : 100 mV

Current

- Automatic constant current operation.
- Adjustable from 0 to 3 Amps.
- Regulation : < 1 mA for a line charge of 10 %.
  < 2 mA for a load charge from 0 to 100%.
- Ripple : < 1 mA rms.
- Display : 14 mm 3 digits LED digital ammeter.
- Resolution : 10 mA

Protections

- Short-circuit protection by current regulation.
- Overtemperature protection by temperature-controlled fan, relay and thermal circuit-breaker.
- Transformer primary and secondary overcurrent protection by fuse.

Other specifications

- Safety : Class II, Safety Extra Low Voltage (SELV) outputs with insulation enhanced transformer.
  Complies with EN 61010-1, overvoltage category II, pollution degree 2.
- EMC : Complies with EN 61326-1, performance criteria B, and EN 55011, ISM Group I, Class B.
- Protection level : IP 21.
- Input voltage : 230 V ±10%, 50 / 60 Hz.
- Main input : Cord with 2 poles immovable.
- Power consumption : 176 VA max.
- Dielectric strength : 3000 V between the input and the output.
- Presentation : screen-printed polycarbonate front panel, metal case with cord housing, epoxy finish.