



**COMPLETE** : DC and AC voltages available simultaneously.

**POWERFUL** : Current generator.

**PRACTICAL** : No common reference.

- Cord housing.

**PROTECTED** : The DC output is protected by current regulation.

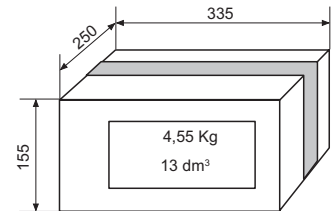
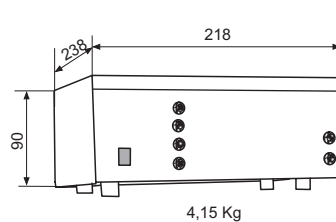
- The AC outputs are protected by auto reset thermal circuit-breakers.



### 120 WATTS

0 - 5, 6, 12 or 30V

0 - 25mA, 250mA or 2,5A DC  
and 6 or 12 or 24V 5A AC



## Specifications

### DC outputs

- Floating outputs on 4 mm safety sockets.
- Automatic constant voltage operation.
- Four choices of voltage ranges with adjustment by trimer from 0 to max : 0 to 5V, 0 to 6V, 0 to 12V or 0 to 30V.
- Regulation : < 10 mV for a load change from 0 to 100%.  
< 5 mV for a line change from -6 +7%.
- Ripple : < 3 mV peak to peak or 1mV rms.
- Internal resistance : < 5 mΩ.
- Display : 14mm 3 digits LED digital voltmeter.
- Resolution : 10mV for 5 and 6V and 100 mV for 12 and 30V.

### Current

- Automatic constant current operation.
- Three choices of current ranges with adjustment by trimer from 0 to max : 0 to 25mA ; 0 to 250mA ; 0 to 2,5 Amps.
- Regulation : < 2 % for a load change from 0 to 100%.
- Ripple : < 1 mA rms.
- Display : 14mm 3 digits LED digital ammeter.
- Resolution : 100µA on 25mA range,  
1mA on 250mA range,  
10mA on 2,5A range.

### 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.
- Protection : Transformer primary overcurrent protection, by fuse.

### Protections

- Short circuit protections by current regulation.
- Overtemperature protection by transformer secondary switching relay and thermal circuit-breakers.
- Transformer primary overcurrent protections by fuse.

### AC outputs

- Floating outputs on 4 mm safety sockets.
- Three outputs with common point.
- Voltages : 6 Volts, 12 Volts and 24 Volts.
- No-load voltage 5% maximum above rated voltage.

### Current

- Max I : 5 Amps on 6,12, or 24V.

### Protections

- Secondary overcurrent protection by auto-reset thermal circuit-breakers.

### Precautions

- The AC and DC circuits can be used simultaneously but with a max power of 120W.

- Input voltage : 230V ±10%, 50 / 60 Hz.
- Main input : 2 poles cable.
- Power consumption : 250 VA max.
- Dielectric strength : 3000V from input to output.
- Presentation : screen-printed polycarbonate front panel, metal case with cord housing, epoxy finish.