



DOUBLE AC/DC

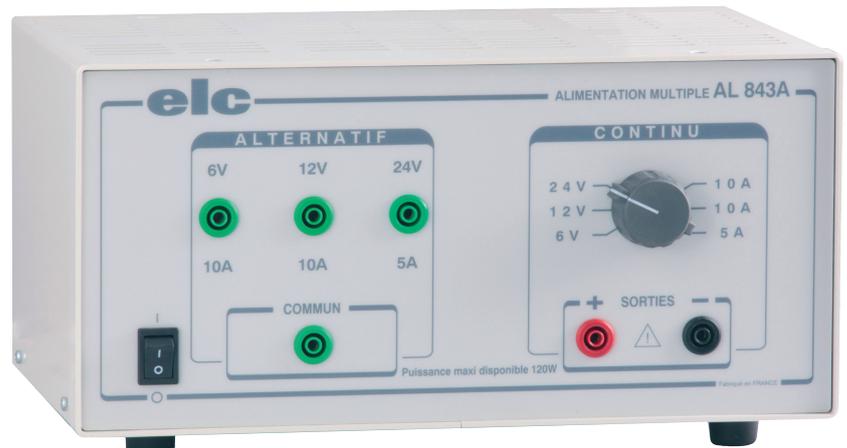
AL 843A



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

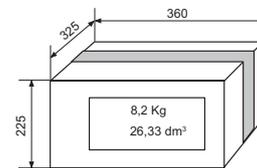
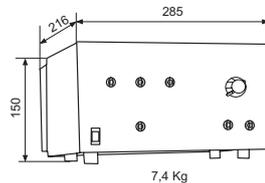
**PRACTICAL** : No common reference.

**PROTECTED** : The DC output is protected by fold-back current limiting. The AC outputs are protected by auto-reset thermal circuit-breakers.



## 120 WATTS

6 or 12V 10A  
or 24V 5A  
DC and AC



## Specifications

### DC outputs

- Floating outputs on 4 mm safety sockets.
- Three switchable outputs : 6V, 12V or 24V.
- Accuracy :  $\pm 1\%$
- Regulation : < 40 mV at 6 and 12 V outputs for a load change from 0 to 100%.  
< 20 mV at 24 V output for a load change from 0 to 100%.
- Ripple : < 5 mV peak to peak or 1,8 mV rms.
- Internal resistance : < 4 m $\Omega$ .

### Current

- Max I : 10A at 6 or 12V output.  
5A at 24V output.

### Protection

- Short circuit protection by fold-back current limiting, allowing continuous short circuit without overheating.

### 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 : 10A at 6 and 12V outputs.  
5A at 24V output.

### Protection

- 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.

## Other specifications

- Safety : Class I, enhanced safety between mains input and outputs. 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.
- Transformer primary overcurrent protection, by fuse.
- Input voltage : 230V  $\pm 10\%$ , 50 / 60 Hz.

- Mains input : 2 poles + earth cable.
- Power consumption : 250 VA max.
- Dielectric strength : 3700V from input to output,  
2200V from input to chassis.
- Presentation : screen-printed polycarbonate front panel, metal case, epoxy finish.