



- COMPLETE :** Three outputs available simultaneously.
- PRATICAL :** Digital voltage display.
- USEFUL :** Setting memory.
- COMPATIBLE :** RS232, USB\* and LABVIEW interfaces.
- PROTECTED :** Short circuit protection.

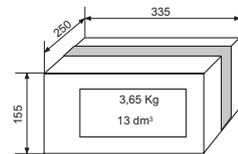
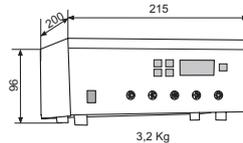
### 48 WATTS

### RS232 + LABVIEW + USB\*

0 to ± 15V	1A
or 0 to 30V	1A
and 2 to 5,5V	3A
and -15 to +15V	0,2A



\*OPTION : USBRS232



## Specifications

- Voltage**
- Floating outputs on 4 mm safety sockets.
  - Three outputs available simultaneously :
    - Power supply A : adjustable from 0 to ±15 Volts balanced. or 0 to 30V with the -15V terminal as reference.
    - Power supply B: adjustable from + 2 to + 5,5 Volts.
    - Power supply C: adjustable from - 15 to + 15Volts.
  - Voltage adjustment : push-button selection of output A, B or C. Voltage incremented and decremented by four push-buttons : -1 V + 1 V - 0,1 V + 0,1V
  - Automatic storage of the three voltage settings.
  - Regulation : < 20mV for a load change from 0 to 100%. < 10mV for a 10% line change.
  - Ripple : < 3 mV peak to peak or 1 mV rms.
  - Indicators : Three red LEDs showing the selected output for display and adjustment.
  - Display : 14 mm 3 digit LED digital voltmeter for the three outputs.
  - Resolution : 100 mV.
- Currents**
- Max I : 1A on output A. 3A to 5,5 Volts and 1,5A to 2 Volts on output B. 0,2A on output C.
  - Display : Current limiting on one output causes the display to blink ; it shows : "Ic.A", "Ic.b", "Ic.C" or "+Ic", depending on the overloaded output(s).
- Protection**
- Short circuit protection, by current limit.
  - Transformer primary overcurrent protection, by fuse.
  - Chassis ground output on 4 mm inverted safety socket.
- Interface**
- RS-232 link, 9-way male SUB-D plug.
  - USB option: Kit includes an adaptor null modem and RS232 cable
- Software**
- LG991S for Windows95\* or +
  - LG991S LV and base VI under LabVIEW\*\*
- Softwares are available for download on website [www.elc.fr](http://www.elc.fr)  
 [\*is a registered trademark of Microsoft Co.]  
 [\*\* [\*is a registered trademark of National Instruments.]

## 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.
- Input voltage : 230V ±10%, 50 / 60 Hz.
- Mains input : EEC socket with 2 poles + earth cable
- Power consumption : 100 VA max.
- Dielectric strength : 2300V from input to output, 1350V from input to chassis.
- Presentation : screen-printed polycarbonate front panel, metal case, epoxy finish.