

EAN CODE : 3760244880925

COMPACT

ALR3203

1 output  
Compact

- VISUAL SOFT-TOUCH CONNECTED** : Large graphic display  
: Sensitiv keypad  
: USB isolated, LabVIEW™ drivers and executable provided
- FUNCTIONS** : Arbitrary, square, positive and negative ramp, rise or fall time
- ELEGANT SPACE-SAVING PRACTICAL** : New design and feathery vertical case, COMPACT DESIGN  
: Lightweight with built-in handle and cord storage area.
- QUIET LOCKING** : Without fan.  
: configuration & stand-by

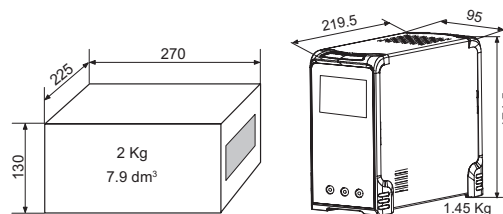


96 WATTS  
LabVIEW™

0 - 32 V 0 - 6 A  
(96 WATTS MAX.)



ULTRA-COMPACT



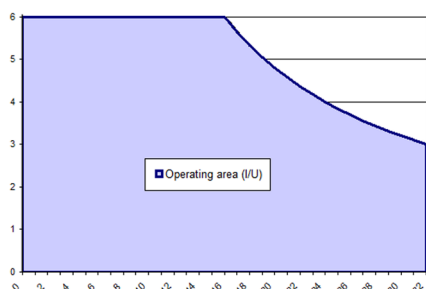
## Specifications

### Voltage

- Floating outputs : on 4 mm safety terminals.
- Automatic constant voltage operation.
- Adjustable from 0 to 32,00 Volts (0 to ±10 mV) ; resolution : 10 mV.
- Setting accuracy : < 0,03% that to say ±10 mV.
- Regulation : < 20 mV for a load change from 10 to 90%.  
< 1 mV for a ±10% line change.
- Ripple : < 1,5 mV rms including :  
< 5 mV peak to peak of noise (BP 20 MHz)  
< 10 mV peak to peak of switching spikes
- Internal resistance : < 4 mΩ.
- Display : 4 digits on graphic LCD.
- Accuracy measurement : < 0,03% that to say ±10 mV.

### Current

- Automatic constant current operation.
- Adjustable from 0 to 6,000 Amps ; resolution : 2 mA.
- Setting accuracy : < 0,05% that to say ±10 mA.
- Pmax : 96 W ; Imax : 6 A from 0 to 16V then decreasing to 3 A ; 32 V
- Regulation : < 1 mA for a load charge from 10 to 90%.  
< 1 mA for a ±10% line charge.
- Ondulation : < 1 mA peak to peak or 0.4 mA rms.
- Display : 4 digits on graphic LCD.
- Accuracy measurement : < 0,03% that to say ±2 mA.



### Protections

- Against short-circuits, by current regulation.
- Against overtemperature by thermal circuit-breaker.
- Against overcurrent on main input, by internal fuses.

### Various and functions

- Display : Graphic LCD 128 x 64 pixels with white backlight. Visualization of all parameters (CV, CC, RMT, ...)
- Memories : 16 including 15 configurable.
- OVP/OCV : Against overvoltage and overcurrent, adjustable from 0 to maxi.
- Functions : 6 available on U or I (Arbitrary, square, rising and falling periodically ramp, rise or fall time single shot). Time adjustment from 100 ms to 50 mn.
- Standby : output, enable / disabled and standby of the power supply.

### Interfaces

- USB, as a standard, insulated of the output (150 VDC max).
- LabVIEW™'s drivers as a standard.

### Other specifications

- Safety : Class I, enhanced safety between mains input and outputs. Complies with EN 61010-1, CAT II. Output Safety Extra Low Voltage (SELV)
- CEM : Complies with EN 61326-1 and EN 55011.
- Input voltage : 220 - 240 Volts ±10%, 50/60Hz.
- Mains input : Socket CE14 with C13, 2 poles + earth cable removable
- Power consumption : 126 W maxi.
- Efficiency : > 78% of the maxi powerful.
- Operating temperature : +5 to +40 °C.
- Coefficient of temperature /°C : 0.01% for the voltage ; 0,05% for the current.
- Voltage on the earth : 150 VDC Max.
- Presentation : Front-panel with sensitiv keypad, rear-panel with handle and cord storage area, metallic case with epoxy finish.