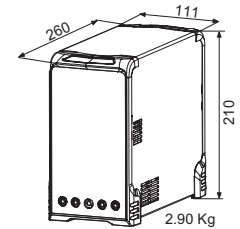
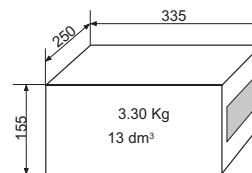




- VISUAL** : Large graphic display
- SOFT-TOUCH** : Sensitiv keypad
- CONNECTED** : USB, RS485 & 0-10V isolated
- PERFORMANCE** : output in the rear-panel, used for remote-sensing
- COUPLING** : Auto mode : Series, Parallel, Tracking
- FUNCTIONS** : square, positive and negative ramp, rise or fall time
- ELEGANT** : New design and feathery
- SPACE-SAVING** : vertical & compact box
- PRACTICAL** : Lightweight with built-in handle and cord storage area.
- QUIET** : Silent temperature-controlled fan cooling.
- LOCKING** : configuration & stand-by

390 WATTS

- 2 x 0 - 32 V 0 - 6 A or
- 1 x ± 0 - 32 V 0 - 6 A or
- 1 x 0 - 64 V 0 - 6 A or
- 1 x 0 - 32 V 0 - 12 A



The measurement website
 99, rue Beranger 92320 Chatillon - France
 Tel : +33 (0)1 71 16 17 00; Fax : +33 (0)1 71 16 17 03
www.testoon.com

Specifications

- Floating outputs : on 4mm safety terminals in the front-panel, and on spring terminal block with levers for 2mm² on the rear-panel.
- Automatic constant voltage and current operation.

Channel 1 and 2	MASTER AND SLAVE			
	Independent	Tracking	Series	Parallel
Output voltage	2 x 0 - 32 V	± 0 - 32 V	0 - 64 V	0 - 32 V
Minimum voltage	± 10 mV	± 10 mV	± 20 mV	± 10 mV
Adjustement accuracy	0.03% or ±10 mV (20 mV in series)			
Ripple (mV rms)	< 0.7 mV	< 0.7 mV	< 1.5 mV	< 1 mV
Pics of commutation (BP 20 MHz)	< 15 mVpp	< 15 mVpp	< 30 mVpp	< 30 mVpp
Regulation / load 0 to 100%	12 mV	12 mV	24 mV	40 mV
Regulation / source ±10%	1 mV	1 mV	2 mV	1 mV
Time of answer load 10 to 90%	2 ms	2 ms	2 ms	5 ms
Display resolution	10mV	10mV	20mV	10mV
Accuracy measurement	0.03% or ±10 mV (20 mV in series)			
Display	4 digits + parameters on graphic LCD			
Output current	2 x 0 - 6 A	± 0 - 6 A	0 - 6 A	0 - 12 A
Minimum current	2 mA	2 mA	2 mA	10 mA
Adjustement accuracy	0.03% or ±2 mA (10 mA in series)			
Ripple (mArms)	<1 mA	<1 mA	<1 mA	<1 mA
Regulation / load 0 to 100%	1 mA	1 mA	2 mA	2 mA
Regulation / source ±10%	1 mA	1 mA	1 mA	1 mA
Display resolution	2 mA	2 mA	2 mA	10 mA
Accuracy measurement	0.03% or ±2 mA (10 mA in series)			
Display	4 digits + parameters on graphic LCD			

Protections

- Against short-circuits, by current regulation.

- Against overtemperature by fan and 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, etc...)
- Memory : 16, including 15 configurable.
- OVP/OCV : Against overvoltage and overcurrent, adjustable from 0 to maxi.
- Functions : 5 functions available on U or I (square, positive and negative ramp, rise or fall time), Time ajustement from 10ms to 100s.
- Remote sensing : 4 wires mode on the back-side's terminal blocks. Correction of the voltage drop in the wires : 2V
- Standby : output, enable / disabled and standby of the power supply.

Interfaces

- All the interfaces are insulated of the output (150V max).
- USB and RS485 are standard.
 - Controller 0 - 10V : for U and I by direct input 0 - 10V or potentiometer 10K or adjustable resistance 10K. In the back side on disconnect scribe terminal blocks.

Other specifications

- Safety : Class I, enhanced safety between mains input and outputs. Complies with EN 61010-1, CAT II.
- CEM : Complies with EN 61326-1 and EN 55011.
- Input voltage : 230 Volts ±10%, 50 / 60Hz.
- Mains input : socket C14 with C13 2 poles + earth cable
- Power consumption : 475W maxi.
- Efficiency : > 81% of the maxi powerful.
- Operating temperature : +5 to +40°C.
- Coefficient of temperature /°C : 0.01% for the voltage and the current.
- Voltage on the earth : 100V Max.
- Presentation : Front-panel with sensitiv keypad, rear-panel with handle and cord storage area, metallic case with epoxy finish.