

Programmable Electronic DC Load



Art. Nr.
RND 320-KEL103

Input Voltage: 230V

Main Features

- 0-120V, 0-30A, 150W
- Dynamic mode: up to 10KHZ
- Resolution of voltage and current: 0.1mV/0.1mA
- 4 working modes: CV/CC/CR/CW
- Remote sensing function
- Battery test, automatic test, OPP test, OCP test functions
- 100 sets of storage
- Short circuit function
- Current monitoring function
- Power off memory function
- Interfaces: USB, RS232 & LAN



Specification

Input Rating	Power: 300W / Voltage:0-120V / Current: 0-30A
CC Mode	Range: 0-3A / 0-30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.045\% FS)$
CV Mode	Range: 0-18V / 0-120V Resolution: 0.1mV / 1mV Accuracy: $\pm(0.05\% + 0.025\% FS)$
CR Mode	Range: 0.05 Ω -7.5K Ω Resolution: 16 bit Accuracy: 0.05%+0.025% FS
CW Mode	Range: 300W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% FS)$
Slope	Range: 0-3A / 0-30A Rising: 0.0001-0.3A/us / 0.001-1.5A/us Falling: 0.0001-0.3A/us / 0.001-1.5A/us
Voltage Measurement	Range: 0-18V / 0-120V Resolution: 0.1mV/1mV Accuracy: $\pm(0.03\% + 0.025\% FS)$
Current Measurement	Range: 0-3A / 0-30A Resolution: 0.1mA / 1mA Accuracy: $\pm(0.05\% + 0.045\% FS)$
Power Measurement	Range: 300W Resolution: 0.01W Accuracy: $\pm(0.1\% + 0.1\% FS)$

Specification

Over Power Protection	320W
Over Current Protection	32 A
Over Voltage Protection	125V
Over Temperature Protection	85°C
Input Impedance	150K Ω
Dimension (W*D*H)	214x354x88.5 mm