

KEL-103 PROGRAMMABLE DC ELECTRONIC LOAD – 300W



Product Description

The KEL103 electronic load is perfect for R & D, quality control, production lines, school laboratories, and repairing. Electronic loads are used in a variety of tests, including power supply tests and battery tests. You can program them to provide exactly the kind of load that you need for the device you are testing. One of the most common ways to use an electronic load is in the constant current (CC) mode where the electronic load will draw a constant current from the device being tested, no matter what the output voltage is.

Key Features

- 0-120V, 0-30A, 300W
- 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



Specifications

Model	KEL103	
Input Rating	POWER	300W
	Voltage	0-120V
	Current	0-30A
CC Mode	Range	0-3A 0-30A
	Resolution	0.1mA 1mA
	Accuracy	±(0.05%+0.005%FS)
CV Mode	Range	0-18V 0-120V
	Resolution	
	Accuracy	±(0.05%+0.025%FS)
CR Mode	Range	0.05Ω -7.5KΩ
	Resolution	16bit
	Accuracy	0.015%+0.1S
CW Mode	Range	300W
	Resolution	0.01W
	Accuracy	±(0.1%+0.1%FS)
Slope	Range	0-3A 0-30A
	Rising	0.0001-0.15A/us 0.001-1.5A/us
	Falling	0.0001-0.15A/us 0.001-1.5A/us
Voltage measurement	Range	0-18V 0-120V
	Resolution	0.1mV 1mV
	Accuracy	±(0.025%+0.025%FS)
Current measurement	Range	0-3A 0-30A
	Resolution	0.1mA 1mA
	Accuracy	±(0.05%+0.05%FS)
Power measurement	Range	1000W
	Resolution	0.01W
	Accuracy	±(0.1%+0.1%FS)
Over power protection	320W	
Over current protection	3.3A/33A	
Over voltage protection	125V	
Over temperature protection	85°C	
Input impedance	150KΩ	
Weight and Dimention(W*D*H)	5.17KGS/107mm*215mm*386mm	
Accessories	User manual, power cord, software CD, USB cable & RS232 cable	
Interfaces	USB, RS232 & LAN	

