

KEL2000 Series DC Electronic load

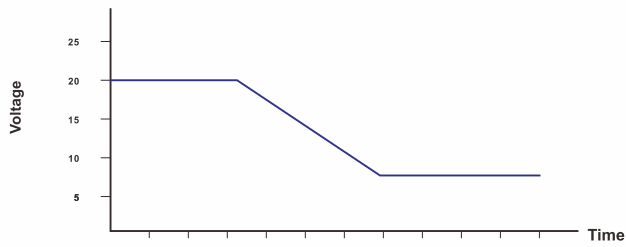
**NEW
DESIGN**



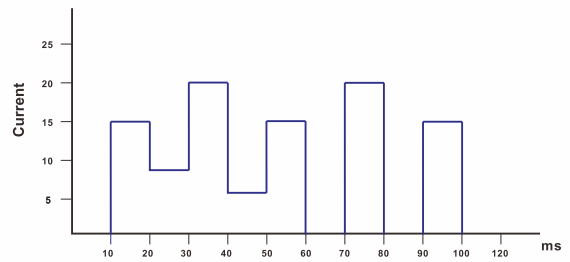
The KEL2000 Series is an intelligent programmable DC single-channel electronic load from 300W, 500W and 1000W stand-alone applications and up to 50KW load and machine applications, which is suitable for middle & lowpower and high-power power test loads. And it uses a liquid crystal LCD panel display interface and an embedded spreadsheet, which is very simple operations and a clear man-machine interface.

Features

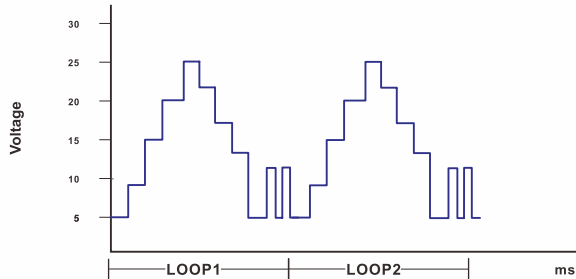
- Dynamic mode: up to 10KHZ
- Resolution of voltage and current: 0.1mV/0.1mA
- Waveform display function of voltage and current
- U disk storage of waveform data
- Interface: LAN & USB & RS232 & GPIB
- Four working modes: CV/CC/CR/CP
- Remote sensing function
- Battery test, automatic test, OPP test, OCP test functions
- Storage for 100 sets
- Short-circuit function
- Current monitoring function
- Power off memory function
- With rotary coding switch to make an easy operation



Battery discharge function



Continuous transient operation



Fast sequence



The spreadsheet embedded in the LCD ,
easy to do the output sequences and data settings

Models		KEL2010		KEL2020		KEL2030	
Input Rating	POWER	300W		500W		1000W	
	Voltage	0-150V		0-150V		0-150V	
	Current	0-40A		0-40A		0-40A	
CC Mode	Range	0-3A	0-40A	0-3A	0-40A	0-3A	0-40A
	Resolution	0.1mA	1mA	0.1mA	1mA	0.1mA	1mA
	Accuracy	± (0.05%of set+0.045%off.s)		± (0.05%of set+0.045%off.s)		± (0.05%of set+0.045%off.s)	
CV Mode	Range	0-18V	0-150V	0-18V	0-150V	0-18V	0-150V
	Resolution						
	Accuracy	± (0.05%of set+0.025%off.s)		± (0.05%of set+0.025%off.s)		± (0.05%of set+0.025%off.s)	
CR Mode	Range	0.05Ω-10Ω	10Ω-7.5KΩ	0.05Ω-10Ω	10Ω-7.5KΩ	0.05Ω-10Ω	10Ω-7.5KΩ
	Resolution	0.1Ω		0.1Ω		0.1Ω	
	Accuracy	± (0.05%of set+0.025%off.s)		± (0.05%of set+0.025%off.s)		± (0.05%of set+0.025%off.s)	
CW Mode	Range	300W		500W		1000W	
	Resolution	0.01W		0.01W		0.01W	
	Accuracy	± (0.1%of set+0.1%off.s)		± (0.1%of set+0.1%off.s)		± (0.1%of set+0.1%off.s)	
Slope	Range	0-3A	0-40A	0-3A	0-40A	0-3A	0-40A
	Rising	0.0001-0.3A/us	0.001-1.5A/us	0.0001-0.3A/us	0.001-1.5A/us	0.0001-0.3A/us	0.001-1.5A/us
	Falling	0.0001-0.3A/us	0.001-1.5A/us	0.0001-0.3A/us	0.001-1.5A/us	0.0001-0.3A/us	0.001-1.5A/us
Voltage measurement	Range	0-18V	0-150V	0-18V	0-150V	0-18V	0-150V
	Resolution	0.1mV	1mV	0.1mV	1mV	0.1mV	1mV
	Accuracy	± (0.03%of set+0.025%off.s)		± (0.03%of set+0.025%off.s)		± (0.03%of set+0.025%off.s)	
Current measurement	Range	0-3A	0-40A	0-3A	0-40A	0-3A	0-40A
	Resolution	0.1mA	1mA	0.1mA	1mA	0.1mA	1mA
	Accuracy	± (0.05%of set+0.045%off.s)		± (0.05%of set+0.045%off.s)		± (0.05%of set+0.045%off.s)	
Power measurement	Range	300W		500W		1000W	
	Resolution	0.01W		0.01W		0.01W	
	Accuracy	± (0.1%of set+0.1%off.s)		± (0.1%of set+0.1%off.s)		± (0.1%of set+0.1%off.s)	
Over power protection		330W		550W		1050W	
Over current protection		45A		45A		45A	
Over voltage protection		125K Ω		125K Ω		125K Ω	
Over temperature protection		85℃		85℃		85℃	
Input impedance		150K Ω		150K Ω		150K Ω	
Dimenton(W*D*H)		215mm*150mm*400mm				430mm*150mm*400mm	
Accessories		User manual, power cord, software CD, USB cable & RS232 cable					
Interfaces		USB, RS232, LAN & GPIB (GPIB is optional)					

Note: Specifications are subject to change without notice.

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