

## KEL2000 SERIES DC ELECTRONIC LOAD

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### Product Description



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 & low power as well as 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.

### Key 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



Model		KEL2010		KEL2030	
Input Rating	POWER	300W		1000W	
	Voltage	0-150V		0-150V	
	Current	0-40A		0-40A	
CC Mode	Range	0-3A	0-40A	0-3A	0-40A
	Resolution	0.1mA	1mA	0.1mA	1mA
	Accuracy	±(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
	Resolution				
	Accuracy	±(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
	Resolution	0.1Ω		0.1Ω	
	Accuracy	±(0.05%of set+0.025%off.s)		±(0.05%of set+0.025%off.s)	
CW Mode	Range	300W		1000W	
	Resolution	0.01W		0.01W	
	Accuracy	±(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
	Rising	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



Voltage measurement	Range	0-18V	0-150V	0-18V	0-150
	Resolution	0.1mV	1mV	0.1mV	1mV
	Accuracy	±(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
	Resolution	0.1mA	1mA	0.1mA	1mA
	Accuracy	±(0.05%of set+0.045%off.s)		±(0.05%of set+0.045%off.s)	
Power measurement	Range	300W		1000W	
	Resolution	0.01W		0.01W	
	Accuracy	±(0.1%of set+0.1%off.s)		±(0.1%of set+0.1%off.s)	
Over power protection		330W		1050W	
Over current protection		45A		45A	
Over voltage protection		125KΩ		125KΩ	
Over temperature protection		85°C		85°C	
Input impedance		150KΩ		150KΩ	
Dimention(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)			

