

## IT8211 Economic Electronic Load

IT8211 digital-control electronic load (60V/30A/150W) 1mV, 1mA, high resolution and high accuracy, can ensure the accurate measurement. CV/CC/CR mode, short-circuit, testing function, easy operation and display interface, built-in 4\*40 groups easy access keys, help you to complete all the complex tests easily and rapidly.

### Features

- Digital-control electronic load
- 60 V / 30 A / 150 W
- 3 mode: CV / CC / CR
- Highlight LED display
- High accuracy voltage and current measurements
- Standard 19 inch rack mount
- Storage for 4\*40 preset value ,can be recalled rapidly
- Rapidly rotary encoder input
- Switch high /low current range: 3 A / 30 A
- The smallest size among similar products



IT8211

### Specifications

		IT8211	
Input Rating	Power	150 W	
	Current	30 A	
	Voltage	60 V	
CC Mode	Range	0-3 A	0-30 A
	Resolution	1 mA	10 mA
	Accuracy*1	0.1%+0.1%FS	0.1%+0.15%FS
CV Mode	Range	—	0-60 V
	Resolution	—	10 mV
	Accuracy	—	0.05%+0.1%FS
CR Mode	Range	< 100Ω	< 4KΩ
	Resolution	0.01Ω	1Ω
	Accuracy	1%+0.8%FS	1%+0.8%FS
V Measurement	Voltage	0-10 V	0-60 V
	Resolution	1 mV	10 mV
	Accuracy	0.05%+0.1%FS	0.05%+0.1%FS
C Measurement	Current	0-3 A	0-30 A
	Resolution	1 mA	10 mA
	Accuracy	0.1%+0.1%FS	0.1%+0.15%FS
P Measurement*2	Watt	0-100 W	100-150 W
	Resolution	10 mW	100 mW
	Accuracy	1%+0.1%FS	1%+0.1%FS
Short Circuit	Current(CC)	≈ 30 A	
	Voltage(CV)	0 V	
	Resistance(CR)	≈ 80 mΩ	
Temperature	Operating	0~40℃	
	Nonoperating	-10℃~60℃	
Dimension	W * H * D	88mm * 175mm * 282mm	
Weight	Kg	2.6	

\*1: Accuracy indicates %+n%FS (Full Scale) of the read value or outputs.

\*2: While input voltage or current ≥ 10%FS.

