



IT8712 80V/60A/ 300W

IT8700 DC electronic loads provide you with the flexibility to test a wide range of applications from multi-output AC/DC power supply, DC/DC converter, charger to power electronic components. It is configured by plugging the user selectable modules into the mainframe, and operated using the keypad and rotary knob on the front panel or the remote controlled instructions via Ether Net, USB, RS-232C or GPIB interface. The high resolution voltage(0.1mV), current(0.01mA) measurement system(Up to 1k Hz sampling) provides both accuracy and convenience. User can simulate a wide range of dynamic loading (Up to 25K Hz) applications. The loading waveform is user programmable in slew rates, load levels, duration and conducting voltage.

■ Feature

- Very High accuracy and resolution 0.1mV/0.01mA
- CC / CV / CR Operation Mode
- Free software for remote control
- Intellective fan cooling
- GPIB / USB / RS232 Interface
- Self-test at power-on
- OCP / OVP / OPP / OTP Protection
- Highlight VFD display
- Voltage and Current Sample Rate up to 1000 HZ
- Dynamic loading Up to 25K Hz
- Remote sensing capability
- Auto test function without Computer

■ Specifications

Input Rating	-	300W / 80V / 60A	
CC-MODE	Range	0-6A	0-60A
	Resolution	0.1mA	1mA
	Accuracy	0.05%+0.05%FS	0.05%+0.05%FS
CR-MODE	Range	< 18Ω	<7.5KΩ
	Resolution	16 bit	16 bit
	Accuracy	0.01%+0.0008S	0.01%+0.0008S
CV-MODE	Range	0-18V	0-80V
	Resolution	1mV	10mV
	Accuracy	0.05%+0.02%FS	0.05%+0.025%FS
Dynamic-Mode	Operation Mode	CC / CV / CR	-
	T1	0.02mS -	
W- Measurement	Range	300W	100W
	Resolution	10mW	1mW
	Accuracy	1% + 0.1%FS	1% + 0.1%FS
V - Measurement	Range	0-18V	0-80V

	Resolution	1mV	10mV
	Accuracy	0.025% + 0.025%FS	0.025% + 0.025%FS
A - Measurement	Range	0-6A	0-60A
	Resolution	0.01mA	0.1mA
	Accuracy	0.05% + 0.05%FS	0.05% + 0.05%FS
Short Circuit	Current	≈60A	
	Resistance	≈35mΩ	
Tempature	Operating	0-40 C	
Over Power Protection	0-200W	2% + 3%FS	
Transition	Frequency	0.1Hz - 25KHz	
Dimension(mm)	W * H * D	82* 183 * 573	

- Standard Accessories

- AC INPUT CABLE
- USER Manual
- Calibration Report

- Optional Accessories

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