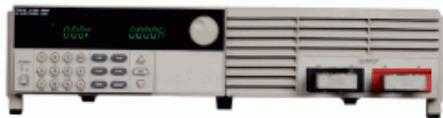


IT8514F 60V / 240A / 1200W

IT8500F series DC electronic loads provide you with the minimal resistance to test Fuel Cell Battery and very low voltage power supply. The high resolution voltage(1mV), current(0.1mA) measurement system provides both accuracy and convenience, and eliminates the need for a DMM, external shunts and wiring. IT8500 DC electronic loads are the first choose in your Fuel Cell Battery and power testing application.



■ Feature

- High accuracy and resolution 1mV/1mA
- CC / CV / CR / CW Operation Mode
- Free software for remote control
- Intellective fan cooling
- GPIB / USB / RS232 Interface
- Self-test at power-on
- OCP / OVP / OPP / OTP Protection
- VFD display
- Battery test and short test function
- Convenient numeric keypad
- Remote sensing capability
- Auto test function without Computer

■ Specifications

Input Rating	-	1200W / 60V / 240A	
CC-MODE	Range	0-24A	0-240A
	Resolution	1mA	10mA
	Accuracy	0.1%+0.1%FS	0.2%+0.25%FS
CR-MODE	Range	0.1-99Ω	100-4KΩ
	Resolution	0.01Ω	1Ω
	Accuracy	1%+0.3%FS	1%+0.8%FS
CV-MODE	Range	0-18V	0-60V
	Resolution	1mV	10mV
	Accuracy	0.05%+0.02%FS	0.05%+0.025%FS
CW-MODE	Range	0-100W	100-1200W
	Resolution	1mW	100mW
	Accuracy	1%+0.1%FS	1%+0.1%FS
V - Measurement	Range	0-18V	0-60V
	Resolution	1mV	10mV
	Accuracy	0.02% + 0.025%FS	0.02% + 0.025%FS
A - Measurement	Range	0-24A	0-240A
	Resolution	1mA	10mA
	Accuracy	0.1% + 0.1%FS	0.2% + 0.25%FS
Short Circuit	Current	≈240A	
	Resistance	≈5.5mΩ	
Tempature	Operating	0-40	
Battery Test	Capacity	MAX 999AH	
Transition	Frequency	0.1Hz - 1KHz	
Dimension(mm)	W * H * D	440 * 88.2 * 458.9	

■ **Standard Accessories**

- AC INPUT CABLE
- USER Manual
- Calibration Report

■ **Optional Accessories**

- IT-E131 RS232 Communication Cable
- IT-E132 USB Communication Cable
- IT-E134 GPIB Communication Cable
- IT-E151 19" Rack Mount Kit
- IT-E253 Remote Controller