


**IT8530 60V / 350A / 10KW**

ITECH electronic loads provide you with the flexibility to test a wide range of applications. They are also available in wide range input, 150-100KW, 0-3000A, 0-500V. Incorporating a high-performance current control circuit, all instruments provide highly stable, high-speed operation and offer improved operability and multi-functionality through the use of CPU control. For communication, they provided with GPIB / Ether Net / USB / RS-232C interfaces. Both interfaces support the SCPI Command.

**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	-	10KW / 60V / 350A	
CC-MODE	Range	0-35A	0-350A
	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	100-10KW
	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% + 0.02%FS	0.02% + 0.025%FS
A - Measurement	Range	0-35A	0-350A
	Resolution	1mA	10mA
	Accuracy	0.1% + 0.1%FS	0.2% + 0.25%FS

Short Circuit	Current	≈350A	
	Resistance	≈4mΩ	
Tempature	Operating	0-40 C	
Battery Test	Capacity	MAX 1200AH	
Transition	Frequency	0.1Hz - 1KHz	
Dimension(mm)	W * H * D	-----	

#### ■ 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

<http://www.itechate.com>