



IT8512B+ 500V/15A/300W

IT8500+ series is a single-channel programmable electronic load. With power ranges from 150W to 1500W. The user can perform online voltage measurements and adjustments or simulate short circuit test using the simple keypad on the front panel. It also offers a full-featured battery mode for discharging test. IT8500+ series DC loads are a versatile instrument for static and dynamic testing of power supplies, batteries, DC-DC converters, battery chargers, provides user the best testing solution.

■ Feature

- CC/CV/CR/CW operating modes
- high resolution of 0.1 mV and 0.1 mA
- Up to 40KHZ measurement speed of voltage and current
- Adjustable slew rate in CC mode
- Automatic test function
- 100 memory areas to save/recall setting parameters
- OVP/OCP/OPP/OTP and reverse voltage protection
- Bright VFD display
- Transient mode up to 10 kHz
- List mode? minimum 50us step width with 84 user programmable steps
- Professional battery mode
- Short mode
- OCP and OPP mode to test the over current and over power points

■ Specifications

Input Rating	-		300W / 500V / 15A
CC-MODE	Range	0-30A	0-3A
	Resolution	1mA	0.1mA
	Accuracy	±0.05%+0.05%FS)	±0.05%+0.05%FS)
CR-MODE	Range	10~7.5K?	0.3~10?
	Resolution	16bit	
	Accuracy	0.01%+0.0008S	0.01%+0.08S
CV-MODE	Range	0-500V	0-50V
	Resolution	10mV	1mV
	Accuracy	±0.05%+0.025%FS)	±0.05%+0.02%FS)
CW-MODE	Range		0-300W
	Resolution		10mW
	Accuracy		0.1%+0.1%FS
V - Measurement	Range	0-500V	0-50V
	Resolution	10mV	1mV
	Accuracy	±0.025%+0.025%FS)	±0.025%+0.025%FS)
A - Measurement	Range	0-15A	0-3A
	Resolution	1mA	0.1mA
	Accuracy		±0.05%+0.05%FS)
Short Circuit	Current	≈16/15A	≈3.3/3A
	Resistance		≈180mΩ
Tempature	Operating		0-40°C
Dimension(mm)	W * H * D		214.5 * 88.2 * 354.6

■ Standard Accessories

- Power cord
- Test report
- User manual

■ Optional Accessories

- Rack mount kit IT-E151
- IT-E121 (RS232 cable)
- IT-E122 (USB cable)
- IT-E123 (RS485 module)