IT8512+ 120V/30A/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	-	150W / 120V / 30A	
CC-MODE	Range	0-3A	0-30A
	Resolution	0.1mA	1mA
	Accuracy	±(0.05%+0.05%FS)	±(0.05%+0.05%FS)
CR-MODE	Range	0.05Ω~10Ω	10Ω~7.5KΩ
	Resolution		16bit
	Accuracy	0.01%+0.08S	0.01%+0.0008S
CV-MODE	Range	0-18V	0-120V
	Resolution	1mV	10mV
	Accuracy	±(0.05%+0.02%FS)	±(0.05%+0.025%FS)
CW-MODE	Range	0-150W	
	Resolution	10mW	
	Accuracy	0.1%+0.1%FS	
V - Measurement	Range	0-18V	0-120V
	Resolution	0.1mV	1mV
	Accuracy	±(0.025%+0.025%FS)	±(0.025%+0.025%FS)
A - Measurement	Range	0-3A	0-30A
	Resolution	0.1mA	1mA
	Accuracy	±(0.05%+0.05%FS)	
Short Circuit	Current	≈3.3/3A	≈33/30A
	Resistance	≈40mΩ	
Tempature	Operating	0-40℃	
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)