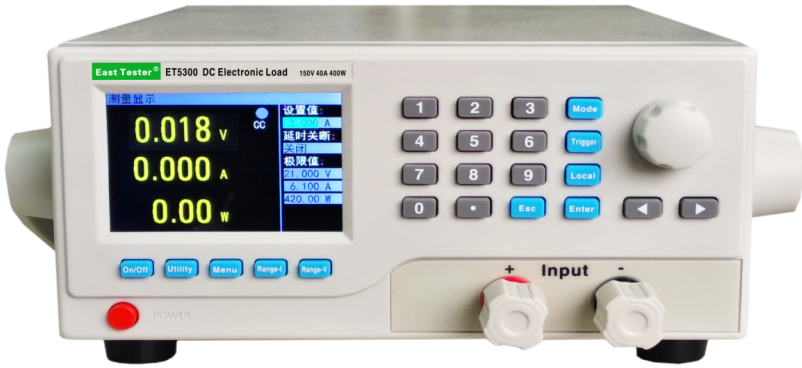




ET1302 ET1303 DC programmable electronic load



Key Features:

Ø User-friendly Design:

- It adopts 3.5-inch TFT LCD screen with rich display contents and supports Chinese and English display;
- The operation process is simple and convenient, and with visual interface display system, it is easy to get started.
- Key lock function to prevent misoperation;

Ø High-performance load:

- It provides CC, CV, CR, CP and CC+CV, CR+CV several basic measurement modes;
- It provides professional battery test;
- It provides professional LED test;
- The Tran test mode can test the dynamic output performance of the power supply;
- The scan test mode can test the continuity of power output within a certain range;
- Support 4-wire measurement;
- The list test mode can simulate a variety of loading status changes;
- The short circuit test can be used to simulate load short circuit;
- Support external trigger input;
- Built-in buzzer alarm;
- Maintain data storage in case of power failure;
- Remote operation via USB, RS-232 or 485 (optional) interfaces;

Ø Multiple safety protection:

- It provides overcurrent, overvoltage, overpower, over temperature protection. The overvoltage and overcurrent parameters can be set flexibly, so as to effectively protect the load;
- It has intelligent fan speed control function, which can effectively reduce the fan noise when it is working.
- With input polarity reverse prompt;

Technical Specification

Model		ET1302	ET1303
Rated input	Power	400W	
	Input voltage	0-500V	
	Input current	0-15A	0-30A
CV mode	Range	0.1~19.999V,0.1~500.00V	
	Resolution	1mV,10mV	
	Accuracy	$\pm(0.05\%+0.02\%FS)$	
CC mode	Range	0~3.000A,0~15.00A	0~3.000A,0~30.00A
	Resolution	1mA,10mA	
	Accuracy	$\pm(0.05\%+0.05\%FS)$	
CR mode	Range	0.05 Ω ~1 k Ω , 1 k Ω ~4.5k Ω	
	Resolution	10m Ω , 100m Ω	
	Accuracy	$\pm(0.1\%+0.5\%FS)$	
CP mode	Range	0~400W	
	Resolution	10mW	
	Accuracy	$\pm(0.1\%+0.5\%FS)$	
Tran Test	Mode	CC, CV	
	T1&T2	50ms~60s ;	
Battery Test	Accuracy	CC, CR	
	Discharge mode	9999Ah	
	Maximum discharge capacity	1mA, 10mA, 10m Ω , 100m Ω	
Range of measurement			
Voltage read-back value	Range	0~19.999V,0 ~500.00V	
	Resolution	1mV,10mV	
	Accuracy	$\pm(0.05\%+0.1\%FS)$	
Current read-back value	Range	0~3.000A,0~15.00A	0~3.00A,0~30.00A
	Resolution	1mA,10mA	
	Accuracy	$\pm(0.05\%+0.1\%FS)$	
Power read-back value	Range	400W	
	Resolution	10mW	
	Accuracy	$\pm(0.1\%+0.5\%FS)$	
Scope of protection			

Overvoltage protection	>21V or 510V overvoltage protection	
Overcurrent protection	>3.1A or 16A input cut off	>3.1A or 31A input cut off
Overpower protection	410W	
Over-temperature protection	85°C	

General technical specifications:

- Power supply voltage: 220Vac±10%, 110Vac±10%, 45-65Hz
- Display: 3.5-inch TFT LCD screen with resolution of 480×320
- Operating temperature: 0°C to 40°C
- Storage temperature: -10°C to 70°C
- Relative humidity: < 80%
- Interface: standard USB, RS232 or 485(optional)
- Size: 320mm×220mm×100mm (width × height × depth)

Standard accessories:

- Three-core power cord 1
- Power fuse 2
- User manual 1

Optional accessories:

- Light disk
- USB cable
- 232 cable
- Output wire