East Tester® HangZhou ZhongChuang Electron Co.,Ltd

Email:kent@east-tester.com Tel: +0086 13958062364 ET53A+ Series Programmable Electronic Load (Economical)

ET53 Series (Economical)	Programmable	Electronic	Load	ET5300A	
(Economical)				ET5300	
				ET5301	
11111111	Table 100 C Declaration Stores			ET5302	
	0.006 v 0.000			ET5303	
				ET5304	

ET53 series DC programmable electronic load provides 1mV/10mV, 1mA/10mA high resolution and precision with superior performance. It is equipped with 12 common modes and complete test functions, which can be widely used in charger, switching power supply, linear power supply, battery and other production line testing.

- 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;
- ➤ High-performance load:
 - ◆ It provides CC, CV, CR, CP and CC+CV, CR+CV several basic measurement modes;
 - It provides professional battery test;



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- 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-232or 485 (optional) interfaces;
- 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;

Model		ET5300A	ET5300	ET5301			
Rated input	Power	200W	400W				
	Input voltage	0-150V	0-150V				
	Input current	0-30A	0-40A	0-60A			
	Range	0.1~19.999V,0.1~150.00V					
CV mode	Resolution	1mV,10mV					
	Accuracy	±(0.05%+0.02%FS)					
	D	0~3.000A		0~6.000A			
	Range	0~30.00A	0~40.00A	0~60.00A			
CC mode	Resolution	1mA,10mA					
	Accuracy	±(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	± (0.1%+0.5%FS)					
	Range	0~200W	0~400W	0~400W			
CP mode	Resolution	10mW					
	Accuracy	±(0.1%+0.5%FS)	±(0.1%+0.5%FS)				
Tran Test	Mode	CC, CV	CC, CV				
	T1&T2	50ms~60s;	50ms~60s;				
	Accuracy	CC, CR	CC, CR				
Battery Test	Discharge mode	9999Ah	9999Ah				
	Maximum discharge	1mA, 10mA, 10	1mA, 10mA, 10m Ω , 100m Ω				
	capacity						
Range of me	asurement						



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E	mail :ken	t@east-test	er.com Tel	.: +008	6 139	58062364			
\/altaaaa	la a al .	0~19.999V,0~150.00V							
Voltage read-back value		Resolution	1mV,10mV	1mV,10mV					
value		Accuracy	±(0.05%+0.1%FS)	±(0.05%+0.1%FS)					
		Danas	0~3.000A	0~3.000A 0~6					
Current read-back	Range	0~30.00A	0~40.00A		0~60.00A				
value		Resolution	1mA,10mA						
		Accuracy	±(0.05%+0.1%FS)						
		Range	200W 400V		400W	DOW			
Power read-b	ack value	Resolution	10mW						
		Accuracy	±(0.1%+0.5%FS)	±(0.1%+0.5%FS)					
Scope of prot	ection								
Overvoltage protection		>21V or 155V overv	>21V or 155V overvoltage protection						
Overcurrent p	protection		>3.1A or 31A input	>3.1A or 41A		>6.1A or 61A			
			cut off	input cut off		input cut off			
Overpower protection		210W 410W							
Over-temperature protection		85℃							
Model		ET5304							
	Power		400W (200W*2)						
Rated input Input voltage Input current		0-150V	0-150V						
		0-60A(30A*2)	0-60A(30A*2)						
Range		0.1~19.999V,0.1~	0.1~19.999V,0.1~150.00V						
CV mode Resolution Accuracy		1mV, 10mV	1mV, 10mV						
		±(0.05%+0.02%FS	±(0.05%+0.02%FS)						
Range		0~3.000A, 0~30.00	0~3.000A, 0~30.00A						
CC mode	Resolution		1mA, 10mA	1mA, 10mA					

CC mode Resolution 1mA, 10mA \pm (0.05%+0.05%FS) Accuracy 0.05 Ω ~1 k Ω , $\,$ 1 k Ω ~4.5k Ω Range CR mode 10m Ω , 100m Ω Resolution Accuracy \pm (0.1%+0.5%FS) 0~200W Range CP mode 10mW Resolution Accuracy \pm (0.1%+0.5%FS) Mode CC, CV Tran Test T1&T2 50ms~60s; Accuracy CC , CR **Battery Test** 9999Ah Discharge mode Maximum discharge capacity 1mA, 10mA, 10m Ω , 100m Ω



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ange of measureme	ent						
Voltage read-back value		Range	0~19.999V,0 ~:	0~19.999V,0~150.00V			
		Resolution	1mV,10mV				
		Accuracy	±(0.05%+0.1%FS)				
Current read-back value		Range	0~3.000A,0~30.00A				
		Resolution	1mA,10mA				
		Accuracy	±(0.05%+0.1%FS)				
		Range	200W				
ower read-back valu	ıe	Resolution	10mW				
		Accuracy	±(0.1%+0.5%FS)				
cope of protection							
vervoltage protecti	on		>21V or 155	5V ov	ervoltage protection		
vercurrent protecti	on		>3.1A or 31	A inp	ut cut off		
verpower protectio	n		210W	210W			
ver-temperature pr	otectio	n	85℃				
Model			ET5302		ET5303		
Pov	ver		400W	400W			
Rated input Inp	Input voltage		0-500V				
Inp	ut curre	ent	0-15A 0-30A		0-30A		
Ran	ge		0.1~19.999V,0.1~500.00V				
CV mode Res	olution		1mV,10mV				
Acc	uracy		±(0.05%+0.02%FS)				
Ran	Range		0~3.000A,0~15.00A 0~3.000A,0~30.00A		0~3.000A,0~30.00A		
CC mode Res	Resolution		1mA,10mA				
Acc	uracy		±(0.05%+0.05%FS)				
Ran	ge		0.05 Ω~1 kΩ, 1 kΩ~4.5kΩ				
CR mode Res	Resolution		10m Ω , 100m Ω				
Acc	Accuracy		±(0.1%+0.5%FS)				
Ran	Range		0~400W				
CP mode Res	Resolution		10mW				
Acc	Accuracy		±(0.1%+0.5%FS)				
Tran Test Mode			CC, CV				
T1&T2		50ms~60s;					
Acc	Accuracy		CC, CR				
Battery Test Disc	harge mode		9999Ah				
Ma	Maximum discharge capacity		1mA, 10mA, 10m Ω , 100m Ω				
Range of measurem							
Natige of fileasuren	nent						
Voltage read-back v		Range	0~19.999V,0~5	500.00	V		



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	Accuracy	±(0.05%+0.1%FS)					
Current read-back value	Range	0~3.000A,0~15.00A	0~15.00A 0~3.00A,0~30.00A				
	Resolution	1mA,10mA					
	Accuracy	±(0.05%+0.1%FS)					
Power read-back value	Range	400W					
	Resolution	10mW					
	Accuracy	±(0.1%+0.5%FS)					
Scope of protection							
Overvoltage protection		>21V or 510V overvoltage protection					
Overcurrent protection		> 3.1A or 16A input	cut	> 3.1A or 31A input c			
		off off					
Overpower protection		410W					
Over-temperature protection		85℃					

