



6330A系列高速直流电子负载改进了中央处理器工作频率、串列传输速率(波特率)及语法分析程式之处理速度，并且增加了同步并联执行的功能，以提高操作速度，为提高生产测试量中而进行的自动测试系统整合提供了一理想选择。将负载模组直接插入系统主机构造系统的这一特性，不仅可以提供简单的系统配置，而且也方便未来系统进行重组。

6330A系列产品目前共有12种型号的负载模组，功率可从30W到1200W不等，电流可从0.5mA到240A，电压量测可从0.5mV到500V。每个负载模组采用隔离与地浮接方式，避免造成短路，每个负载模组均具有两段式电流和电压量测。主/从介面设计，可同步执行多组电子负载模组拉载的应用，负载可以工作在定电流、定电压及定电阻工作模式下。

6330A系列电子负载可模拟各种动态负载状态，使用者可通过编辑负载电压，负载电流，负载的上升率，负载的下降率，电流位准保持时间等参数来编辑负载波形。而且具有多达100组测试参数及状态的储存能力，系统可根据自动测试需求，随时从仪器内的储存单元中调出来任意使用。

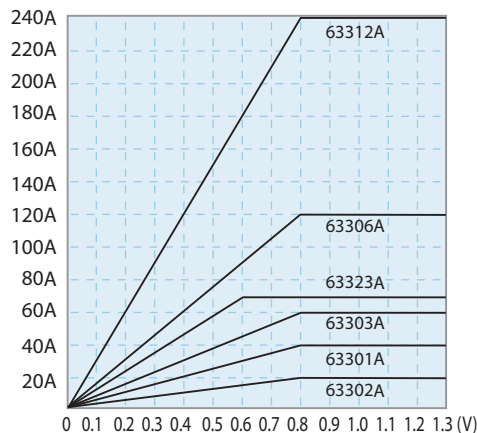
6330A系列电子负载同步并联控制模式可做多组输出待测物同步动态测试，及并联提高负载功率以应用于大功率待测物测试用。

6330A任一型号负载模组都是采用段式 16-bit 高精密度电压电流测线路。使用可通过前控制板简单的键盘来测量及调整在线电压或模拟短路测试。此外，6330A还为自动化生产线提供了可供选件的遥控器。

6330A有自我诊断系统设计，可供维护仪器的日常使用，它还具有OP、OC、OT保护及OV、正负极反向告警功能，从而保证了产品的可靠性，是工程测试及自动测试系统整合得以信赖的产品。

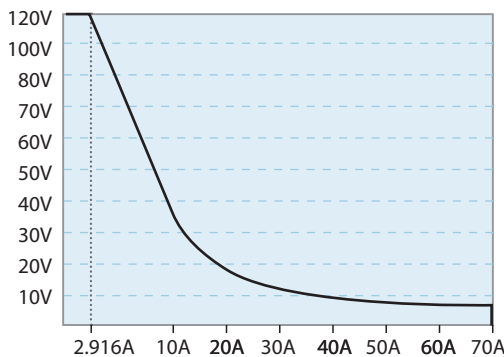
6330A运用了目前先进FET技术，从而将输入端的阻抗可以降为很低，即使在负载模组输入端电压很低的情况下，也可以提供很高的负载电流。例如：63323A在输入端电压为0.6V时，就可以提供70A的负载电流。对新一代的3.3V低电压电源测试非常适用。

低电压操作特性曲线 (Typical)
Model 63301A/63302A/63303A/
63306A/63312A/63323A



Note: All specifications are measured at load input terminals. (Ambient Temperature of 25°C)

Model 63323A 输入特性



6330A 系列高速直流电子负载



规格表-1

Model	63301A		63302A (100Wx2)		63303A	
Power	20W	200W	20W	100W	30W	300W
Current	0~4A	0~40A	0~2A	0~20A	0~6A	0~60A
Voltage *3	0~80V		0~80V		0~80V	
Min. Operation Voltage (DC) *1 (Typical)	0.4V@2A	0.4V@20A	0.4V@1A	0.4V@10A	0.4V@3A	0.4V@30A
	0.8V@4A	0.8V@40A	0.8V@2A	0.8V@20A	0.8V@6A	0.8V@60A
Constant Current Mode						
Range	0~4A	0~40A	0~2A	0~20A	0~6A	0~60A
Resolution	1mA	10mA	0.5mA	5mA	1.5mA	15mA
Accuracy	0.1%+0.1%F.S.	0.1%+0.2%F.S.	0.1%+0.1%F.S.	0.1%+0.2%F.S.	0.1%+0.1%F.S.	0.1%+0.2%F.S.
Constant Resistance Mode						
Range	0.0375Ω~150Ω (200W/16V) 1.875Ω~7.5kΩ (200W/80V)		0.075Ω~300Ω (100W/16V) 3.75Ω~15kΩ (100W/80V)		0.025Ω~100Ω (300W/16V) 1.25Ω~5kΩ (300W/80V)	
Resolution*5	6.667mS (200W/16V) 133μS (200W/80V)		3.333mS (100W/16V) 66.667μS (100W/80V)		10mS (300W/16V) 200μS (300W/80V)	
Accuracy	150Ω: 0.1S + 0.2% 7.5kΩ: 0.01S + 0.1%		300Ω: 0.1S + 0.2% 15kΩ: 0.01S + 0.1%		100Ω: 0.1S+ 0.2% 5kΩ: 0.01S+ 0.1%	
Constant Voltage Mode						
Range	0~80V		0~80V		0~80V	
Resolution	20mV		20mV		20mV	
Accuracy	0.05% + 0.1%F.S.		0.05% + 0.1%F.S.		0.05% + 0.1%F.S.	
Constant Power Mode						
Range	0~20W	0~200W	0~20W	0~100W	0~30W	0~300W
Resolution	5mW	50mW	5mW	25mW	7.5mW	75mW
Accuracy	0.5% + 0.5%F.S.		0.5% + 0.5%F.S.		0.5% + 0.5%F.S.	
Dynamic Mode						
Dynamic Mode	C.C. Mode		C.C. Mode		C.C. Mode	
T1 & T2	0.025ms ~ 50ms / Res: 5μs 0.1ms ~ 500ms / Res: 25μs 10ms ~ 50s / Res: 2.5ms		0.025ms ~ 50ms / Res: 5μs 0.1ms ~ 500ms / Res: 25μs 10ms ~ 50s / Res: 2.5ms		0.025ms ~ 50ms / Res: 5μs 0.1ms ~ 500ms / Res: 25μs 10ms ~ 50s / Res: 2.5ms	
Accuracy	1μs/1ms+100ppm		1μs/1ms+100ppm		1μs/1ms+100ppm	
Slew Rate	0.64~160mA/μs	6.4~1600mA/μs	0.32~80mA/μs	3.2~800mA/μs	0.001~0.25A/μs	0.01~2.5A/μs
Resolution	0.64mA/μs	6.4mA/μs	0.32mA/μs	3.2mA/μs	0.001A/μs	0.01A/μs
Accuracy	10% ± 20μs		10% ± 20μs		10% ± 20μs	
Min. Rise Time	10μs (Typical)		10μs (Typical)		10μs (Typical)	
Current	0~4A	0~40A	0~2A	0~20A	0~6A	0~60A
Resolution	1mA	10mA	0.5mA	5mA	1.5mA	15mA
Accuracy	0.4%F.S.		0.4%F.S.		0.4%F.S.	
Measurement Section						
Voltage Read Back						
Range	0~16V	0~80V	0~16V	0~80V	0~16V	0~80V
Resolution	0.25mV	1.25mV	0.25mV	1.25mV	0.25mV	1.25mV
Accuracy	0.025% + 0.025%F.S.		0.025% + 0.025%F.S.		0.025% + 0.025%F.S.	
Current Read Back						
Range	0~4A	0~40A	0~2A	0~20A	0~6A	0~60A
Resolution	0.0625mA	0.625mA	0.03125mA	0.3125mA	0.09375mA	0.9375mA
Accuracy	0.05% + 0.05%F.S.		0.05% + 0.05%F.S.		0.05% + 0.05%F.S.	
Power Read Back*2						
Range	0~20W	0~200W	0~20W	0~100W	0~30W	0~300W
Accuracy	0.1% + 0.1%F.S.		0.1% + 0.1%F.S.		0.1% + 0.1%F.S.	
Protective Section						
Over Power Protection	Yes		Yes		Yes	
Over Current Protection	Yes		Yes		Yes	
Over Temperature Protection	Yes		Yes		Yes	
Over Voltage Alarm*3	Yes		Yes		Yes	
General						
Short Circuit						
Current (CC)	-	≒ 40A	-	≒ 20A	-	≒ 60A
Voltage (CV)	-	0V	-	0V	-	0V
Resistance (CR)	-	≒ 0.0375Ω	-	≒ 0.075Ω	-	≒ 0.025Ω
Power (CP)	-	≒ 200W	-	≒ 100W	-	≒ 300W
Input Resistance (Load Off)	100kΩ (Typical)		100kΩ (Typical)		100kΩ (Typical)	
Temperature Coefficient	100PPM/°C (Typical)		100PPM/°C (Typical)		100PPM/°C (Typical)	
Power	Supply from 6334A Mainframe		Supply from 6334A Mainframe		Supply from 6334A Mainframe	
Dimension (H x W x D)	172x82x489.5mm / 6.8x3.2x19.3inch		172x82x489.5mm / 6.8x3.2x19.3inch		172x82x489.5mm / 6.8x3.2x19.3inch	
Weight	4.2 kg / 9.3 lbs		4.2 kg / 9.3 lbs		4.2 kg / 9.3 lbs	
Operating Range	0~40°C		0~40°C		0~40°C	
EMC & Safety	CE		CE		CE	

规格表-2

Model	63305A		63306A	
Power	30W	300W	60W	600W
Current	0~1A	0~10A	0~12A	0~120A
Voltage*3	0~500V		0~80V	
Min. Operation Voltage (DC) *1 (Typical)	1.0V@0.5A	1.0V@5A	0.4V@6A	0.4V@60A
	2.0V@1A	2.0V@10A	0.8V@12A	0.8V@120A
Constant Current Mode				
Range	0~1A	0~10A	0~12A	0~120A
Resolution	0.25mA	2.5mA	3mA	30mA
Accuracy	0.1%+0.1%F.S.	0.1%+0.2%F.S.	0.1%+0.1%F.S.	0.1%+0.2%F.S.
Constant Resistance Mode				
Range	1.25Ω~5kΩ (300W/125V) 50Ω~200kΩ (300W/500V)		12.5mΩ~50Ω (600W/16V) 0.625Ω~2.5kΩ (600W/80V)	
Resolution*5	200μS (300W/125V) 5μS (300W/500V)		20mS (600W/16V) 400μS (600W/80V)	
Accuracy	5kΩ: 20mS+ 0.2% 200kΩ:5mS+ 0.1%		50Ω: 0.4S + 0.5% 2.5kΩ: 0.04S + 0.2%	
Constant Voltage Mode				
Range	0~500V		0~80V	
Resolution	125mV		20mV	
Accuracy	0.05% + 0.1%F.S.		0.05% + 0.1%F.S.	
Constant Power Mode				
Range	0~30W	0~300W	0~60W	0~600W
Resolution	7.5mW	75mW	15mW	150mW
Accuracy	0.5% + 0.5%F.S.		0.5% + 0.5%F.S.	
Dynamic Mode				
Dynamic Mode	C.C. Mode		C.C. Mode	
T1 & T2	0.025ms ~ 50ms / Res: 5μs 0.1ms ~ 500ms / Res: 25μs 10ms ~ 50s / Res: 2.5ms		0.025ms ~ 50ms / Res: 5μs 0.1ms ~ 500ms / Res: 25μs 10ms ~ 50s / Res: 2.5ms	
	1μs/1ms+100ppm		1μs/1ms+100ppm	
Slew Rate	0.16~40mA/μs	1.6~400mA/μs	0.002~0.5A/μs	0.02~5A/μs
Resolution	0.16mA/μs	1.6mA/μs	0.002A/μs	0.02A/μs
Accuracy	10% ± 20μs		10% ± 20μs	
Min. Rise Time	24μs (Typical)		10μs (Typical)	
Current	0~1A	0~10A	0~12A	0~120A
Resolution	0.25mA	2.5mA	3mA	30mA
Accuracy	0.4%F.S.		0.4%F.S.	
Measurement Section				
Voltage Read Back				
Range	0~125V	0~500V	0~16V	0~80V
Resolution	2mV	8mV	0.25mV	1.25mV
Accuracy	0.025% + 0.025%F.S.		0.025% + 0.025%F.S.	
Current Read Back				
Range	0~1A	0~10A	0~12A	0~120A
Resolution	0.016mA	0.16mA	0.1875mA	1.875mA
Accuracy	0.05% + 0.05%F.S.		0.05% + 0.05%F.S.	
Power Read Back*2				
Range	0~30W	0~300W	0~60W	0~600W
Accuracy	0.1% + 0.1%F.S.		0.1% + 0.1%F.S.	
Protective Section				
Over Power Protection	Yes		Yes	
Over Current Protection	Yes		Yes	
Over Temperature Protection	Yes		Yes	
Over Voltage Alarm*3	Yes		Yes	
General				
Short Circuit				
Current (CC)	-	≧ 10A	-	≧ 120A
Voltage (CV)	-	0V	-	0V
Resistance (CR)	-	≧ 1.25Ω	-	≧ 0.0125Ω
Power (CP)	-	≧ 300W	-	≧ 600W
Input Resistance (Load Off)	100kΩ (Typical)		100kΩ (Typical)	
Temperature Coefficient	100PPM/°C (Typical)		100PPM/°C (Typical)	
Power	Supply from 6334A Mainframe		Supply from 6334A Mainframe	
Dimension (HxWxD)	172x82x489.5mm / 6.8x3.2x19.3inch		172x164x489.5mm / 6.8x6.5x19.3inch	
Weight	4.2 kg / 9.3 lbs		7.3 kg / 16.1 lbs	
Operating Range	0~40°C		0~40°C	
EMC & Safety	CE		CE	

规格表-3

Model	63307A (30W & 250W)			63308A	
Power	30W	30W	250W	60W	600W
Current	0~5A	0~4A	0~40A	0~2A	0~20A
Voltage*3	0~80V			0~500V	
Min. Operation Voltage (DC) *1 (Typical)	0.4V@2.5A 0.8V@5A	0.4V@2A 0.8V@4A	0.4V@20A 0.8V@40A	1.0V@1A 2V@2A	1.0V@10A 2V@20A
Constant Current Mode					
Range	0~5A	0~4A	0~40A	0~2A	0~20A
Resolution	1.25mA	1mA	10mA	0.5mA	5mA
Accuracy	0.1%+0.1%F.S.	0.1%+0.1%F.S.	0.1%+0.2%F.S.	0.1%+0.1%F.S.	0.1%+0.2%F.S.
Constant Resistance Mode					
Range	0.3 Ω~1.2k Ω (30W/16V) 15 Ω~60k Ω (30W/80V)		0.0375 Ω~150 Ω (250W/16V) 1.875 Ω~7.5k Ω (250W/80V)	0.625 Ω~2.5k Ω (600W/125V) 25 Ω~100k Ω (600W/500V)	
Resolution*5	833μS (30W/16V) 16.67μS (30W/80V)		6.667μS (250W/16V) 133μS (250W/80V)	400μS (600W/125V) 10μS (600W/500V)	
Accuracy	1.2k Ω: 0.1S + 0.2% 60k Ω: 0.01S + 0.1%		150 Ω: 0.1S + 0.2% 7.5k Ω: 0.01S + 0.1%	25k Ω: 50mS+ 0.2% 100k Ω: 5mS+ 0.1%	
Constant Voltage Mode					
Range	0~80V			0~500V	
Resolution	20mV			125mV	
Accuracy	0.05% + 0.1%F.S.			0.05% + 0.1%F.S.	
Constant Power Mode					
Range	0~30W	0~30W	0~250W	0~60W	0~600W
Resolution	7.5mW	7.5mW	62.5mW	15mW	150mW
Accuracy	0.5% + 0.5%F.S.			0.5% + 0.5%F.S.	
Dynamic Mode					
Dynamic Mode	C.C. Mode			C.C. Mode	
T1 & T2	0.025ms ~ 50ms / Res: 5μs 0.1ms ~ 500ms / Res: 25μs 10ms ~ 50s / Res: 2.5ms			0.025ms ~ 50ms / Res: 5μs 0.1ms ~ 500ms / Res: 25μs 10ms ~ 50s / Res: 2.5ms	
Accuracy	1μs/1ms+100ppm			1μs/1ms+100ppm	
Slew Rate	0.8~200mA/μs	0.64~160mA/μs	64~1600mA/μs	0.32~80mA/μs	3.2~800mA/μs
Resolution	0.8mA/μs	0.64mA/μs	64mA/μs	0.32mA/μs	3.2mA/μs
Accuracy	10% ± 20μs			10% ± 20μs	
Min. Rise Time	10μs (Typical)			24μs (Typical)	
Current	0~5A	0~4A	0~40A	0~2A	0~20A
Resolution	1.25mA	1mA	10mA	0.5mA	5mA
Accuracy	0.4%F.S.			0.4%F.S.	
Measurement Section					
Voltage Read Back					
Range	0~16V	0~80V	0~16V	0~80V	0~125V
Resolution	0.25mV	1.25mV	0.25mV	1.25mV	2mV
Accuracy	0.025% + 0.025%F.S.			0.025% + 0.025%F.S.	
Current Read Back					
Range	0~5A	0~4A	0~40A	0~2A	0~20A
Resolution	0.078125mA	0.0625mA	0.625mA	0.03125mA	0.3125mA
Accuracy	0.05% + 0.05%F.S.			0.05% + 0.05%F.S.	
Power Read Back*2					
Range	0~30W	0~30W	0~250W	0~60W	0~600W
Accuracy	0.1% + 0.1%F.S.			0.1% + 0.1%F.S.	
Protective Section					
Over Power Protection	Yes			Yes	
Over Current Protection	Yes			Yes	
Over Temperature Protection	Yes			Yes	
Over Voltage Alarm*3	Yes			Yes	
General					
Short Circuit					
Current (CC)	-	-	≒ 40A	-	≒ 20A
Voltage (CV)	-	-	0V	-	0V
Resistance (CR)	-	-	≒ 0.0375 Ω	-	≒ 0.625 Ω
Power (CP)	-	-	≒ 250W	-	≒ 600W
Input Resistance (Load Off)	100k Ω (Typical)				
Temperature Coefficient	100PPM/°C (Typical)				
Power	Supply from 6334A Mainframe				
Dimension (HxWxD)	172x82x489.5mm / 6.8x3.2x19.3inch			172x164x489.5mm / 6.8x6.5x19.3inch	
Weight	4.5 kg / 9.9 lbs			7.3 kg / 16.1 lbs	
Operating Range	0~40°C				
EMC & Safety	CE				

规格表-4

Model	63312A		63323A	
Power	120W	1200W	350W	
Current	0~24A	0~240A	0~7A	0~70A
Voltage*3	0~80V		0~120V	
Min. Operation Voltage (DC) *1 (Typical)	0.4V@12A	0.4V@120A	0.05V @ 3.5A	0.3V @ 35A
	0.8V@24A	0.8V@240A	0.1V @ 7A	0.6V @ 70A
Constant Current Mode				
Range	0~24A	0~240A	0~7A	0~70A
Resolution	6mA	60mA	0.125mA	1.25mA
Accuracy	0.1%+0.1%F.S.	0.1%+0.2%F.S.	0.1%+0.1%F.S.	0.1%+0.1%F.S.
Constant Resistance Mode				
Range	6.25mΩ~25Ω (1200W/16V) 0.3125Ω~1.25kΩ (1200W/80V)		0.015Ω~150Ω (350W/24V)*4 2Ω~2kΩ (350W/120V)	
Resolution*5	40mS (1200W/16V) 80μS (1200W/80V)		1.33mS (350W/24V)*4 10μS (350W/120V)	
Accuracy	25Ω: 0.8S+ 0.8% 1.25kΩ: 0.08S+ 0.2%		150Ω: 67mS + 0.1% 2kΩ: 5mS + 0.2%	
Constant Voltage Mode				
Range	0~80V		0~120V	
Resolution	20mV		2mV	
Accuracy	0.05% + 0.1%F.S.		0.05% + 0.1%F.S.	
Constant Power Mode				
Range	0~120W	0~1200W	0~35W	0~350W
Resolution	30mW	300mW	2.5mW	25mW
Accuracy	0.5% + 0.5%F.S.		0.5% + 0.5%F.S.	
Dynamic Mode				
Dynamic Mode	C.C. Mode		C.C. MODE	
T1 & T2	0.025ms ~ 50ms / Res: 5μs 0.1ms ~ 500ms / Res: 25μs 10ms ~ 50s / Res: 2.5ms		0.025ms~50ms/Res: 5μs 0.1ms 500ms / Res: 25μs 10ms 50s / Res: 2.5ms	
Accuracy	1μs/1ms+100ppm		1μs /1ms+100ppm	
Slew Rate	0.004~1A/μs	0.04~10A/μs	0.001~0.25A/μs	0.01~2.5A/μs
Resolution	0.004A/μs	0.04A/μs	0.001A/μs	0.01A/μs
Accuracy	10% ± 20μs		10% ± 20μs	
Min. Rise Time	10μs (Typical)		25μs (Typical) *6	
Current	0~24A	0~240A	0~7A	0~70A
Resolution	6mA	60mA	0.125mA	1.25mA
Current Accuracy	0.4%F.S.		0.1% F.S.	
Measurement Section				
Voltage Read Back				
Range	0~16V	0~80V	0~24V	0~120V
Resolution	0.25mV	1.25mV	0.4mV	2mV
Accuracy	0.025% + 0.025%F.S.		0.025%+0.015% F.S.	
Current Read Back				
Range	0~24A	0~240A	0~7A	0~70A
Resolution	0.375mA	3.75mA	0.125mA	1.25mA
Accuracy	0.075% + 0.075%F.S.		0.04%+0.04% F.S.	
Power Read Back*2				
Range	0~120W	0~1200W	0~35W	0~350W
Accuracy	0.1% + 0.1%F.S.		0.1%+0.1% F.S.	
Protective Section				
Over Power Protection	Yes		Yes	
Over Current Protection	Yes		Yes	
Over Temperature Protection	Yes		Yes	
Over Voltage Alarm*3	Yes		Yes	
General				
Short Circuit				
Current (CC)	-	≒ 240A	-	≒ 70A
Voltage (CV)	-	0V	-	0V
Resistance (CR)	-	≒ 0.00625Ω	-	≒ 0.01Ω
Power (CP)	-	≒ 1200W	-	≒ 350W
Input Resistance (Load Off)	100kΩ (Typical)		800kΩ (Typical)	
Temperature Coefficient	100PPM/°C (Typical)		100PPM/°C (Typical)	
Power	Supply from 6334A Mainframe		Supply from 6334A Mainframe	
Dimension (HxWxD)	172x329x495mm / 6.8x12.9x19.5inch		172x82x489.5mm / 6.8x3.2x19.3inch	
Weight	14 kg / 30.8 lbs		4.2kg / 9.3 lbs	
Operating Range	0~40°C		0~40°C	
EMC & Safety	CE		CE	

NOTE*1 : Low voltage operation, under 0.8 volt, is possible at correspondingly reduced current level. Operating temperature range is 0°C to 40°C. All specifications apply for 25°C ± 5°C, except as noted

NOTE*2 : Power F.S.=Vrange F.S. x Irange F.S.

NOTE*3 : When the operating voltage exceeds the rated voltage for 1.02 times, a warning will occur and if it exceeds 1.1 times of the rated voltage, it would cause permanent damage to the device.

NOTE*4 : Please refer to user's manual for detail specifications.

NOTE*5 : S (siemens) is the SI unit of conductance, equal to one reciprocal ohm.

NOTE*6 : The loading current should be 0.35A at least.

订购资讯

- 6332A:** 双负载模组机框
- 6334A:** 四负载模组机框
- 63301A:** 电子负载模组 80V/40A/200W
- 63302A:** 电子负载模组 80V/20A/100W x 2
- 63303A:** 电子负载模组 80V/60A/300W
- 63305A:** 电子负载模组 500V/10A/300W
- 63306A:** 电子负载模组 80V/120A/600W
- 63307A:** 电子负载模组 80V/5A&40A/30W&250W
- 63308A:** 电子负载模组 500V/20A/600W
- 63312A:** 电子负载模组 80V/240A/1200W
- 63323A:** 电子负载模组 120V/70A/350W
- A631000:** 6332A/6334A用GPIB控制介面卡
- A631001:** 远端遥控器
- A631003:** 6332A/6334A用USB控制介面卡
- A632004:** 63200 & 6330A系列用负载同步讯号连接盒
- A631005:** 6310A/6330A系列用电脑图形化操作面Softpanel
- A631006:** 6332A电子负载机框专用19"机框耳架
- A631007:** 6334A电子负载机框专用19"机框耳架
- A800042:** 测试治具盒
- LED电源测试专用模拟负载**
- 63310A:** 电子负载模组 500V/2A/100W x 2
- 63313A:** 电子负载模组 300V/20A/300W
- 63315A:** 电子负载模组 600V/20A/300W

规格表						
Model	63310A (100Wx2)		63313A		63315A	
Power	100W		300W		300W	
Current	0~0.6A	0~2A	0~5A	0~20A	0~5A	0~20A
Voltage *1	0~500V		0~300V		0~600V	
Min. Operating Voltage	6V@2A		4V@20A		4V@20A	
Constant Current Mode						
Range	0~0.6A	0~2A	0~5A	0~20A	0~5A	0~20A
Resolution	12μA	40μA	100μA	400μA	100μA	400μA
Accuracy	0.1%+0.1% F.S.		0.1%+0.1% F.S.	0.1%+0.2% F.S.	0.1%+0.1% F.S.	0.1%+0.2% F.S.
Constant Resistance Mode						
Range	CRL : 3Ω~1kΩ (100W/100V) CRH : 10Ω~10kΩ (100W/500V)		CRL @ CH : 0.2Ω~200Ω (300W/60V) CRL @ CL : 0.8Ω~800Ω (300W/60V) CRH @ CL : 4Ω~4kΩ (300W/300V)		CRL @ CH : 0.2Ω~200Ω (300W/60V) CRL @ CL : 0.8Ω~800Ω (300W/60V) CRH @ CL : 8Ω~8kΩ (300W/600V)	
Resolution*2	CRL : 62.5μS CRH : 6.25μS		CRL @ CH : 100μS CRL @ CL : 25μS CRH @ CL : 5μS		CRL @ CH : 100μS CRL @ CL : 25μS CRH @ CL : 2.5μS	
Accuracy	1kΩ : 4mS+0.2% 10kΩ : 1mS+0.1%		0.2% (setting + range)		0.2% (setting + range)	
Constant Voltage Mode						
Range	0~500V		0~300V		0~600V	
Resolution	20mV		6mV		12mV	
Accuracy	0.05% + 0.1%F.S.		0.05% + 0.1%F.S.		0.05% + 0.1%F.S.	
LED Mode						
Range	Operating Voltage: 0~100V/0~500V R _d Coefficient : 0.001~1 V _F : 0~100V/0~500V Current : 0~2A R _d : 1Ω~1kΩ/10Ω~10kΩ		Operating Voltage : 0~60V/0~300V R _d Coefficient : 0.001~1 V _F : 0~60V/0~300V LEDL @ CH : 0~60V- 0~20A (R _d : 0.05Ω~50Ω) LEDL @ CL : 0~60V- 0~5A (R _d : 0.8Ω~800Ω) LEDH @ CL : 0~300V- 0~5A (R _d : 4Ω~4kΩ)		Operating Voltage : 0~60V/0~600V R _d Coefficient : 0.001~1 V _F : 0~60V/0~600V LEDL @ CH : 0~60V- 0~20A (R _d : 0.05Ω~50Ω) LEDL @ CL : 0~60V- 0~5A (R _d : 0.8Ω~800Ω) LEDH @ CL : 0~600V- 0~5A (R _d : 8Ω~8kΩ)	
Resolution *2	V _o : 4mV/20mV I _o : 0.1mA R _d Coefficient : 0.001 R _d : 62.5μS/6.25μS V _F : 4mV/20mV		V _o : 1.2mV/6mV I _o : 100μA/400μA R _d Coefficient : 0.001 R _d : 400μS / 25μS / 5μS V _F : 1.2mV/ 6mV		V _o : 1.2mV/12mV I _o : 100μA/400μA R _d Coefficient : 0.001 R _d : 400μS/25μS/2.5μS V _F : 6mV/ 60mV	
Dynamic Mode						
Dynamic Mode	--		C.C. Mode		C.C. Mode	
T1 & T2	--		0.025ms ~ 50ms / Res: 5μs 0.1ms ~ 500ms / Res: 25μs 10ms ~ 50s / Res: 2.5ms		0.025ms ~ 50ms / Res: 5μs 0.1ms ~ 500ms / Res: 25μs 10ms ~ 50s / Res: 2.5ms	
Accuracy	--		1μs/1ms+100ppm		1μs/1ms+100ppm	
Slew Rate	--		0.8~200mA/μs 3.2~800mA/μs		0.8~200mA/μs 3.2~800mA/μs	
Resolution	--		0.8mA/μs 3.2mA/μs		0.8mA/μs 3.2mA/μs	
Accuracy	--		10% ±20μs		10% ±20μs	
Min. Rise Time	--		25μs (Typical)		25μs (Typical)	
Current	--		0~5A 0~20A		0~5A 0~20A	
Resolution	--		100μA 400μA		100μA 400μA	
Accuracy	--		0.4%F.S.		0.4%F.S.	
Measurement Section						
Voltage Read Back						
Range	0~100V	0~500V	0~60V	0~300V	0~60V	0~600V
Resolution	2mV	10mV	1.2mV	6mV	1.2mV	12mV
Accuracy	0.025%+0.025% F.S.		0.025%+0.025% F.S.		0.025%+0.025% F.S.	
Current Read Back						
Range	0~0.6A	0~2A	0~5A	0~20A	0~5A	0~20A
Resolution	12μA	40μA	100μA	400μA	100μA	400μA
Accuracy	0.05%+0.05% F.S.		0.05%+0.05% F.S.		0.05%+0.05% F.S.	

NOTE*1 : If the operating voltage exceeds 1.1 times of the rated voltage, it would cause permanent damage to the device.

NOTE*2 : S (siemens) is the SI unit of conductance, equal to one reciprocal ohm.

Mainframe Model	6332A	6334A
Number of slots	2	4
Operating Temperature	0~40°C	0~40°C
Input Rating	1Ø 100/200Vac ± 10% V _{LN} , 47~63Hz; 1Ø 115/230Vac ± 10% V _{LN} , 47~63Hz	1Ø 100/200Vac ± 10% V _{LN} , 47~63Hz; 1Ø 115/230Vac ± 10% V _{LN} , 47~63Hz
Dimension (HxWxD)	194x275x550mm / 7.6x10.8x21.7inch	194x439x550mm / 7.6x17.3x21.7inch
Weight	15 kg / 33.1 lbs	21.5 kg / 47.4 lbs