3350G Series

High Power DC Electronic Load

HIGH POWER DC ELECTRONIC LOAD

PRODIGIT ELECTRONICS CO., LTD.

No. 7-1, Zhongxing Rd., Tucheng Dist., New Taipei City 236, Taiwan (R.O.C.)

TEL：886-2-2918-2620 FAX ：886-2-2912-9870

http：//www.prodigit.com E-mail：sales@prodigit.com.tw

DC Electronic Load

3350G Series High Power DC Electronic Load

	Normal mode	Turbo mode
3354G	150V / 400A / 4000W	150V / 600A / 6000W
3355G	150V / 500A / 5000W	150V / 750A / 7500W
3356G	150V / 600A / 6000W	150V / 900A / 9000W
3364G	600V / 280A / 4000W	600V / 420A / 6000W
3365G	600V / 350A / 5000W	600V / 525A / 7500W
3366G	600V / 420A / 6000W	600V / 630A / 9000W
3374G	1200V / 160A / 4000W	1200V / 240A / 6000W
3375G	1200V / 200A / 5000W	1200V / 300A / 7500W
3376G	1200V / 240A / 6000W	1200V / 360A / 9000W

Features

- 5 digital V / A / W Meter can be displayed on Large LCD display simultaneously.
- Flexible CC, CR, CV, CP, CC + CV, CP + CV, Dynamic and short circuit operation modes.
- Not only CC, CR, and CP mode have parallel operation functions, but CV mode also has parallel operation functions.
- Can set the power-on status value.
- Short circuit duration can be set within short circuit test.
- Voltage meter display can be configured as polarity positive （"+"）or negative（"－"）.
- Master / Slave control units maximum up to 1 MASTER, 7 SLAVE.
- Optional Interface : GPIB、RS232、USB、LAN.
- Support MPPT CV test function for solar panel.
- Provide battery BMS protection test function.
- Optional 9923 load current waveform generator to provide the battery actual discharge current waveform simulation.
- Built-in test modes include Battery Discharge, BMS, Short circuit, OCP, OPP test modes.
- Turbo mode can withstand up to 1.5 times the current and power electronic load within 2 sec. period，most fit BMS、Short circuit、OCP、OPP test.
- Protection against V, I, W, and ℃.
- Built-in soft-start circuit function allowing the U.U.T. power supply to be directly connected to the 3360G、3370G series load input terminal, no longer need a large relay switch with an external soft-start circuit.

Descriptions

- Each 3350G Series module has its own control and display panel, CC/CR/CV/CP/Dynamic modes, also can be controlled via RS232、Ethernet、USB and GPIB interface。
- The new Turbo mode is designed for overload or protection testing, which includes OCP, OPP, Short for AC/DC or DC/DC power source; Over Charge/Discharge and Short for Battery BMS protection; and Blow/Not Blow testing for Fuse, Breaker or PTC Current Protection Components.
- Support Short, OCCP and OCDP protection tests for battery BMS protection testing, the peak current before protection and protection response time are measured.
- BMS, Fuse, OCP and OPP single-key test functions on the module make test more efficient.
- Dynamic can be simulated under CC, CP mode. The current Rise / Fall slew rate can be adjusted individually and there is an external signal input so that load can have a simulated Specific Load Current Waveform, optional 9923 Load Current Waveform Generator is able to support real current waveform testing.
- SHORT duration setting and SHORT_VH, SHORT_VL setting function, also can measure Short Voltage and Current.
- Programmable LOAD ON/OFF voltage, GO/NG meter check, Voltage meter display " + " or " – " is selectable and 150 sets Store / Recall larger memory is much advance feature for each different application.
- 150 sets test parameter and status storage function can call the storage memory real time in accordance with the auto sequence requirement，at any time to tune out the stored memory for use.

Applications

- Voltage / Current source SMPS transient response
- Voltage Source Current limit testing and battery emulation for Charger testing
- Battery discharge capacity
- Lithium battery BMS charge and discharge protection
- MPPT test function for solar panels
- R&D, Quality Control
- ATE system
- Production testing

Specifications

MODEL	3354G		3355G		3356G	
Power *1	0~4000W	0~6000W max.*1	0~5000W	0~7500W max.*1	0~6000W	0~9000W max.*1
Current	0~400A	0~600A max.*1	0~500A	0~750A max. *1	0~600A	0~900A max.*1
Voltage	0~150V		0~150V		0~150V	
Min.Operatting Voltage	0.7V @ 400A		0.7V @ 500A		0.7V @ 600A	
Protections						
Over Power Protection (OPP)	105%					
Over Current Protection (OCP)	104%					
Over Voltage Protection (OVP)	105%					
Over Temp Protection (OTP)	90℃ ± 5℃					
Constant Current Mode						
Range *2	0~40A	0~400A	0~50A	0~500A	0~60A	0~600A
Resolution	0.00064A	0.0064A	0.00080A	0.0080A	0.00096A	0.0096A
Accuracy *3	± 0.05% of (Setting + Rrange)					
Constant Resistance Mode						
Range	0.375~22500Ω	0.0018~0.375Ω	0.3~18000Ω	0.0015~0.3Ω	0.25~15000Ω	0.0012~0.25Ω
Resolution	0.000044S	0.00000625Ω	0.000056S	0.000005Ω	0.000067S	0.000004167Ω
Accuracy	± 0.1%(Vin/Setting) ± 0.2% Irange	± 0.2% of (Setting + Rrange)	± 0.1%(Vin/Setting)±0.2% Irange	± 0.2% of (Setting + Rrange)	± 0.1%(Vin/Setting)±0.2% Irange	± 0.2% of (Setting + Rrange)
Constant Voltage Mode						
Range	0~150V					
Resolution	0.0025V					
Accuracy	± 0.05% of (Setting + Range)					
Constant Power Mode						
Range	0~400W	0~4000W	0~500W	0~5000W	0~600W	0~6000W
Resolution	0.0064W	0.064W	0.008W	0.08W	0.0096W	0.096W
Accuracy *4	± 0.1% of (Setting + Range)					
Constant Voltage + Current Limit Mode						
Range	150V	400A	150V	500A	150V	600A
Resolution	0.0025V	0.0064A	0.0025V	0.008A	0.0025V	0.0096A
Accuracy	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)
Constant Voltage + Power Limit Mode						
Range	150V	4000W	150V	5000W	150V	6000W
Resolution	0.0025V	0.064W	0.0025V	0.08W	0.0025V	0.1W
Accuracy	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)
Turbo mode *5	OFF	ON	OFF	ON	OFF	ON
Short/OCP/OPP Test Function						
Maximum Current	400A	600A	500A	750A	600A	900A
Meas. Accuracy	± 1.0% of (Reading + Range)					
Short time	100~10000mS Continus	100~2000mS	100~10000mS Continus	100~2000mS	100~10000mS Continus	100~2000mS
Meas. Accuracy	NA	NA	NA	NA	NA	NA
OCP Time (Tstep)	100mS	20mS	100mS	20mS	100mS	20mS
Meas. Accuracy	NA	NA	NA	NA	NA	NA
OPP Time (Tstep)	100mS	20mS	100mS	20mS	100mS	20mS
Meas. Accuracy	NA	NA	NA	NA	NA	NA

BMS Test Mode *6	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON
Short time	100ms~10Sec. Continus	0.05~10mS	100~ 1000ms	0.05~10mS	100ms~10Sec. Continus	0.05~10mS	100~ 1000ms	0.05~10mS	100ms~10Sec. Continus	0.05~10mS	100~ 1000ms	0.05~10mS
Meas. Accuracy	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS
OCP Time (Tstep)	100mS	0.05~10mS 11~1000mS	20mS	0.05~10mS 11~1000mS	100mS	0.05~10mS 11~1000mS	20mS	0.05~10mS 11~1000mS	100mS	0.05~10mS 11~1000mS	20mS	0.05~10mS 11~1000mS
Meas. Accuracy	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS

Surge Test Mode			
Surge current	0~600A	0~750A	0~900A
Normal current	0~300A	0~375A	0~450A
Surge Time	10~2000ms	10~2000ms	10~2000ms
Surge Step	1~5	1~5	1~5

MPPT Mode						
Algorithm	P&O					
Load mode	CV					
P&O interval	1000~60000mS					
Rresolution	1000mS					
Dynamic Mode						
Timing						
Thigh & Tlow	0.010~9.999 / 99.99 / 999.9 / mS					
Resolution	0.001 / 0.01 / 0.1 / 1mS					
Accuracy	1/10/100/1000 uS+50ppm					
Slew rate	0.0256~1.600A/uS	0.2560~16.000A/uS	0.0320~2.000A/uS	0.3200~20.000A/uS	0.0384~2.400A/uS	0.3840~24.000A/uS
Resolution	0.0064A/uS	0.064A/uS	0.008A/uS	0.08A/uS	0.0096A/uS	0.096A/uS
Min. Rise Time	25 uS(Typ.)					
Current						
Range	0~40A	40~400A	0~50A	50~500A	0~60A	60~600A
Resolution	0.00064A	0.0064A	0.00080A	0.008A	0.00096A	0.0096A
Measurement						
Voltage Read Back						
Range (5 Digital)	0~15V	15~150V	0~15V	15~150V	0~15V	15~150V
Resolution	0.00025V	0.0025V	0.00025 V	0.0025V	0.00025V	0.0025V
Accuracy	± 0.025% of (Reading + Range)					
Current Read Back						
Range (5 Digital)	0~40A	40~400A	0~50A	50~500A	0~60A	60~600A
Resolution	0.00064A	0.0064A	0.0008A	0.008A	0.00096A	0.0096A
Accuracy	± 0.05% of (Reading + Range)					
Power Read Back						
Range (5 Digital)	4000W		5000W		6000W	
Resolution	0.01W					
Accuracy *4	± 0.06% of (Reading + Range)					
General						
Typical Short Resistance	0.0018Ω		0.0015Ω		0.0012Ω	
Maximum Short Current	400A		500A		600A	
Load ON Voltage	0.25~62.5V					
Load OFF Voltage	0~62.5V					
Power Consumption	550VA					
Dimension (HxWxD)	177mm x 440mm x 745mm					
Weight	28kg					
Temperature *7	0~40℃					
Safety & EMC	CE					

Note *1 : The power rating specifications at ambient temperature = 25˚C
Note *2 : The range is automatically or forcing to range II only in CC mode
Note *3 : If the operating current is below range 0.1%, the accuracy specification is 0.2% Irange
Note *4 : Power range = Vrange x Irange
Note *5 : Turbo mode for up to 1.5X Current rating & Power rating support BMS, Short/OCP/OPP test function
Note *6 : BMS Test function for Battery Management System Board SHORT, OCCP and OCDP Test
Note *7 : Operating temperature range is 0~40˚C, All specifications apply for 25˚C±5˚C, Except as noted

Order Information

High Power DC Electronic Load

- **3354G** 150V、400A、4000W
- **3355G** 150V、500A、5000W
- **3356G** 150V、600A、6000W

Optional interface : ❶ GPIB Card ❷ RS232 Card ❸ USB Card ❹ LAN Card

Specifications

MODEL	3364G		3365G		3366G	
Power *1	0~4000W	0~6000W max.*1	0~5000W	0~7500W max.*1	0~6000W	0~9000W max.*1
Current	0~280A	0~420A max.*1	0~350A	0~525A max. *1	0~420A	0~630A max.*1
Voltage	0~600V		0~600V		0~600V	
Min.Operatting Voltage	10V @ 280A		10V @ 350A		10V @ 420A	
Protections						
Over Power Protection (OPP)	105%					
Over Current Protection (OCP)	104%					
Over Voltage Protection (OVP)	105%					
Over Temp Protection (OTP)	90℃ ± 5℃					
Constant Current Mode						
Range *2	0~28A	0~280A	0~35A	0~350A	0~42A	0~420A
Resolution	0.000448A	0.00448A	0.00056A	0.0056A	0.000672A	0.00672A
Accuracy *3	± 0.05% of (Setting + Range)					
Constant Resistance Mode						
Range	2.1428~128568Ω	0.03576~2.1428Ω	1.71424~102854.4Ω	0.028608~1.71424Ω	1.4285 ~85712Ω	0.02384~1.4285Ω
Resolution	0.000008S	0.000036Ω	0.000010S	0.000029Ω	0.000012S	0.000024Ω
Accuracy	± 0.1%(Vin/Setting) ± 0.2% Irange	± 0.2% of (Setting + Rrange)	± 0.1%(Vin/Setting)±0.2% Irange	± 0.2% of (Setting + Rrange)	± 0.1%(Vin/Setting)±0.2% Irange	± 0.2% of (Setting + Rrange)
Constant Voltage Mode						
Range	0~600V					
Resolution	0.01V					
Accuracy	± 0.05% of (Setting + Range)					
Constant Power Mode						
Range	0~400W	0~4000W	0~500W	0~5000W	0~600W	0~6000W
Resolution	0.0064W	0.064W	0.008W	0.08W	0.0096W	0.096W
Accuracy *4	± 0.1% of (Setting+Range)					
Constant Voltage + Current Limit Mode						
Range	600V	280A	600V	350A	600V	420A
Resolution	0.01V	0.00448A	0.01V	0.0056A	0.01V	0.00672A
Accuracy	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)
Constant Voltage + Power Limit Mode						
Range	600V	4000W	600V	5000W	600V	6000W
Resolution	0.01V	0.064W	0.01V	0.08W	0.0096V	0.096W
Accuracy	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)
Turbo mode *5	OFF	ON	OFF	ON	OFF	ON
Short/OCP/OPP Test Function						
Maximum Current	280A	420A	350A	525A	420A	630A
Meas. Accuracy	± 1.0% of (Reading + Range)					
Short time	100~10000mS Continus	100~2000mS	100~10000mS Continus	100~2000mS	100~10000mS Continus	100~2000mS
Meas. Accuracy	NA	NA	NA	NA	NA	NA
OCP Time (Tstep)	100mS	20mS	100mS	20mS	100mS	20mS
Meas. Accuracy	NA	NA	NA	NA	NA	NA
OPP Time (Tstep)	100mS	20mS	100mS	20mS	100mS	20mS
Meas. Accuracy	NA	NA	NA	NA	NA	NA

BMS Test Mode *6	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON
Short time	100ms~10Sec. Continus	0.05~10mS	100~1000ms	0.05~10mS	100ms~10Sec. Continus	0.05~10mS	100~1000ms	0.05~10mS	100ms~10Sec. Continus	0.05~10mS	100~1000ms	0.05~10mS
Meas. Accuracy	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS
OCP Time (Tstep)	100mS	0.05~10mS 11~1000mS	20mS	0.05~10mS 11~1000mS	100mS	0.05~10mS 11~1000mS	20mS	0.05~10mS 11~1000mS	100mS	0.05~10mS 11~1000mS	20mS	0.05~10mS 11~1000mS
Meas. Accuracy	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS

Surge Test Mode			
Surge current	0~420A	0~525A	0~630A
Normal current	0~210A	0~262.5A	0~315A
Surge Time	10~2000ms	10~2000ms	10~2000ms
Surge Step	1~5	1~5	1~5

MPPT Mode						
Algorithm	P&O					
Load mode	CV					
P&O interval	1000~60000mS					
Rresolution	1000mS					
Dynamic Mode						
Timing						
Thigh & Tlow	0.010~9.999 / 99.99 / 999.9 / mS					
Resolution	0.001 / 0.01 / 0.1 / 1mS					
Accuracy	1/10/100/1000 uS+50ppm					
Slew rate	0.01792~1.120A/uS	0.1792~11.200A/uS	0.0224~1.400A/uS	0.2240~14.000A/uS	0.02688~1.680A/uS	0.2688~16.800A/uS
Resolution	0.00448A/uS	0.0448A/uS	0.0056A/uS	0.056A/uS	0.00672A/uS	0.0672A/uS
Min. Rise Time	25 uS(Typ.)					
Current						
Range	0~28A	28~280A	0~35A	35~350A	0~42A	42~420A
Resolution	0.00045A	0.00448A	0.00056A	0.0056A	0.00067A	0.00672A
Measurement						
Voltage Read Back						
Range (5 Digital)	0~60V	60~600V	0~60V	60~600V	0~60V	60~600V
Resolution	0.00100V	0.0100V	0.00100V	0.0100V	0.00100V	0.0100V
Accuracy	± 0.025% of (Reading + Range)					
Current Read Back						
Range (5 Digital)	0~28A	28~280A	0~35A	35~350A	0~42A	42~420A
Resolution	0.000448A	0.00448A	0.00056A	0.0056A	0.000672A	0.00672A
Accuracy	± 0.05% of (Reading + Range)					
Power Read Back						
Range (5 Digital)	4000W		5000W		6000W	
Resolution	0.01W					
Accuracy *4	± 0.06% of (Reading + Range)					
General						
Typical Short Resistance	0Ω		0Ω		0Ω	
Maximum Short Current	280A		350A		420A	
Load ON Voltage	0.4~100V					
Load OFF Voltage	0~100V					
Power Consumption	550VA					
Dimension (HxWxD)	177mm x 440mm x 745mm					
Weight	29kg					
Temperature *7	0~40℃					
Safety & EMC	CE					

Note *1 : The power rating specifications at ambient temperature = 25˚C
Note *2 : The range is automatically or forcing to range II only in CC mode
Note *3 : If the operating current is below range 0.1%, the accuracy specification is 0.2% Irange
Note *4 : Power range = Vrange x Irange
Note *5 : Turbo mode for up to 1.5X Current rating & Power rating support BMS, Short/OCP/OPP test function
Note *6 : BMS Test function for Battery Management System Board SHORT, OCCP and OCDP Test
Note *7 : Operating temperature range is 0~40˚C, All specifications apply for 25˚C±5˚C, Except as noted

Order Information

High Power DC Electronic Load

- **3364G** 600V、280A、4000W
- **3365G** 600V、350A、5000W
- **3366G** 600V、420A、6000W

Optional interface : ❶ GPIB Card ❷ RS232 Card ❸ USB Card ❹ LAN Card

Specifications

MODEL	3374G		3375G		3376G	
Power *1	0~4000W	0~6000W max.*1	0~5000W	0~7500W max.*1	0~6000W	0~9000W max.*1
Current	0~160A	0~240A max.*1	0~200A	0~300A max. *1	0~240A	0~360A max.*1
Voltage	0~1200V		0~1200V		0~1200V	
Min.Operatting Voltage	15V @ 160A		15V @ 200A		15V @ 240A	
Protections						
Over Power Protection (OPP)	105%					
Over Current Protection (OCP)	104%					
Over Voltage Protection (OVP)	105%					
Over Temp Protection (OTP)	90℃ ± 5℃					
Constant Current Mode						
Range *2	0~16A	0~160A	0~20A	0~200A	0~24A	0~240A
Resolution	0.000256A	0.00256A	0.00032A	0.0032A	0.000384A	0.00384A
Accuracy *3	± 0.05% of (Setting + Range)					
Constant Resistance Mode						
Range	7.5~450000Ω	0.09375~7.5Ω	6~360000Ω	0.075~6Ω	5~300000Ω	0.0625~5Ω
Resolution	0.0000022S	0.000125Ω	0.0000028S	0.000100Ω	0.0000033S	0.00008334Ω
Accuracy	± 0.1%(Vin/Setting)±0.2% Irange	± 0.2% of (Setting + Rrange)	± 0.1%(Vin/Setting)±0.2% Irange	± 0.2% of (Setting + Rrange)	± 0.1%(Vin/Setting)±0.2% Irange	± 0.2% of (Setting + Rrange)
Constant Voltage Mode						
Range	0~1200V					
Resolution	0.02V					
Accuracy	± 0.05% of (Setting + Range)					
Constant Power Mode						
Range	0~400W	0~4000W	0~500W	0~5000W	0~600W	0~6000W
Resolution	0.0064W	0.064W	0.008W	0.08W	0.0096W	0.096W
Accuracy *4	± 0.1% of (Setting + Range)					
Constant Voltage + Current Limit Mode						
Range	1200V	160A	1200V	200A	1200V	240A
Resolution	0.02V	0.00256A	0.02V	0.0032A	0.02V	0.00384A
Accuracy	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)
Constant Voltage + Power Limit Mode						
Range	1200V	4000W	1200V	5000W	1200V	6000W
Resolution	0.02V	0.064W	0.02V	0.08W	0.02V	0.096W
Accuracy	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)	± 0.05% of (Setting+Range)	± 1.0% of (Setting+Range)
Turbo mode *5	OFF	ON	OFF	ON	OFF	ON
Short/OCP/OPP Test Function						
Maximum Current	160A	240A	200A	300A	240A	360A
Meas. Accuracy	± 1.0% of (Reading + Range)					
Short time	100~10000mS Continus	100~2000mS	100~10000mS Continus	100~2000mS	100~10000mS Continus	100~2000mS
Meas. Accuracy	NA	NA	NA	NA	NA	NA
OCP Time (Tstep)	100mS	20mS	100mS	20mS	100mS	20mS
Meas. Accuracy	NA	NA	NA	NA	NA	NA
OPP Time (Tstep)	100mS	20mS	100mS	20mS	100mS	20mS
Meas. Accuracy	NA	NA	NA	NA	NA	NA

BMS Test Mode *6	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON
Short time	100ms~10Sec. Continus	0.05~10mS	100~1000ms	0.05~10mS	100ms~10Sec. Continus	0.05~10mS	100~1000ms	0.05~10mS	100ms~10Sec. Continus	0.05~10mS	100~1000ms	0.05~10mS
Meas. Accuracy	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS	NA	±0.005mS
OCP Time (Tstep)	100mS	0.05~10mS 11~1000mS	20mS	0.05~10mS 11~1000mS	100mS	0.05~10mS 11~1000mS	20mS	0.05~10mS 11~1000mS	100mS	0.05~10mS 11~1000mS	20mS	0.05~10mS 11~1000mS
Meas. Accuracy	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS	NA	±0.005mS ±0.2mS

Surge Test Mode			
Surge current	0~240A	0~300A	0~360A
Normal current	0~120A	0~150A	0~180A
Surge Time	10~2000ms	10~2000ms	10~2000ms
Surge Step	1~5	1~5	1~5
MPPT Mode			
Algorithm	P&O		
Load mode	CV		
P&O interval	1000~60000mS		
Rresolution	1000mS		
Dynamic Mode			
Timing			
Thigh & Tlow	0.010~9.999 / 99.99 / 999.9 / mS		
Resolution	0.001 / 0.01 / 0.1 / 1mS		
Accuracy	1/10/100/1000 uS+50ppm		

Slew rate	0.01024~0.640 A/uS	0.1024~6.400 A/uS	0.0128~0.800 A/uS	0.1280~8.000 A/uS	0.01536~0.960 A/uS	0.1536~9.600A/uS
Resolution	0.00256A/uS	0.0256A/uS	0.0032A/uS	0.032A/uS	0.00384A/uS	0.0384A/uS
Min. Rise Time	25 uS(Typ.)					
Current						
Range	0~16A	16~160A	0~20A	20~200A	0~24A	24~240A
Resolution	0.00026A	0.00256A	0.00032A	0.0032A	0.00038A	0.00384A
Measurement						
Voltage Read Back						
Range (5 Digital)	0~120V	120~1200V	0~120V	120~1200V	0~120V	120~1200V
Resolution	0.00200V	0.0200V	0.00200V	0.0200V	0.00200V	0.0200V
Accuracy	± 0.025% of (Reading + Range)					
Current Read Back						
Range (5 Digital)	0~16A	16~160A	0~20A	20~200A	0~24A	24~240A
Resolution	0.000256A	0.00256A	0.00032A	0.0032A	0.000384A	0.00384A
Accuracy	± 0.05% of (Reading + Range)					
Power Read Back						
Range (5 Digital)	4000W		5000W		6000W	
Resolution	0.01W					
Accuracy *4	± 0.06% of (Reading + Range)					
General						
Typical Short Resistance	0.09375Ω		0.075Ω		0.062505Ω	
Maximum Short Current	160A		200A		240A	
Load ON Voltage	1~250V					
Load OFF Voltage	0~250V					
Power Consumption	550VA					
Dimension (HxWxD)	177mm x 440mm x 745mm					
Weight	29kg					
Temperature *7	0~40℃					
Safety & EMC	CE					

Note *1 : The power rating specifications at ambient temperature = 25˚C
Note *2 : The range is automatically or forcing to range II only in CC mode
Note *3 : If the operating current is below range 0.1%, the accuracy specification is 0.2% Irange
Note *4 : Power range = Vrange x Irange
Note *5 : Turbo mode for up to 1.5X Current rating & Power rating support BMS, Short/OCP/OPP test function
Note *6 : BMS Test function for Battery Management System Board SHORT, OCCP and OCDP Test
Note *7 : Operating temperature range is 0~40˚C, All specifications apply for 25˚C±5˚C, Except as noted

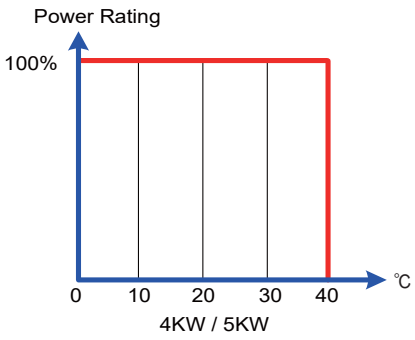
Order Information

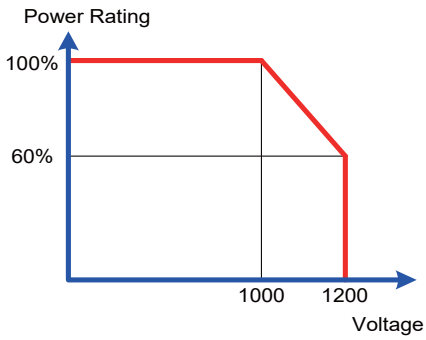
High Power DC Electronic Load

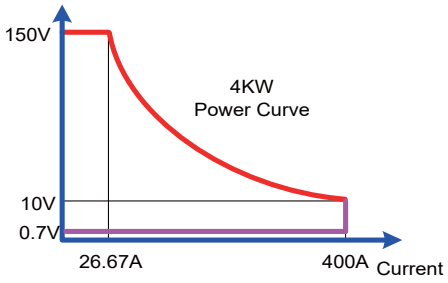
- **3374G** 1200V、160A、4000W
- **3375G** 1200V、200A、5000W
- **3376G** 1200V、240A、6000W

Optional interface : ❶ GPIB Card ❷ RS232 Card ❸ USB Card ❹ LAN Card

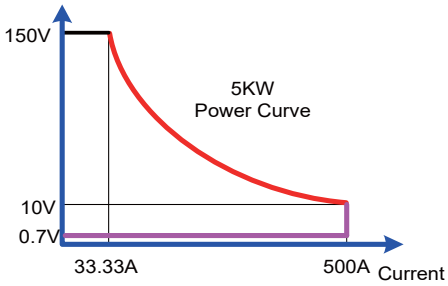
Power Curve







3354G



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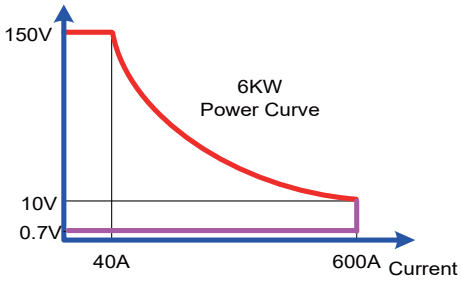

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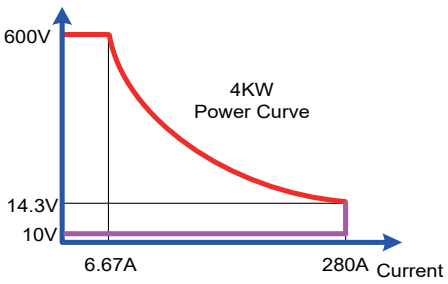

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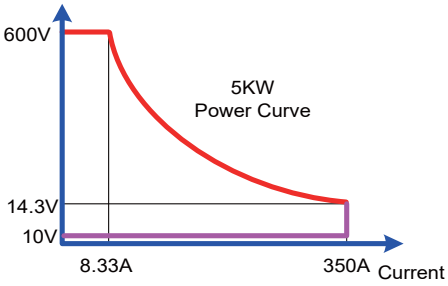

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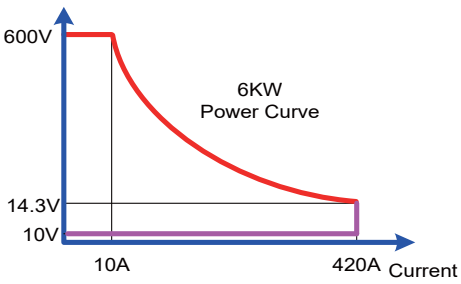

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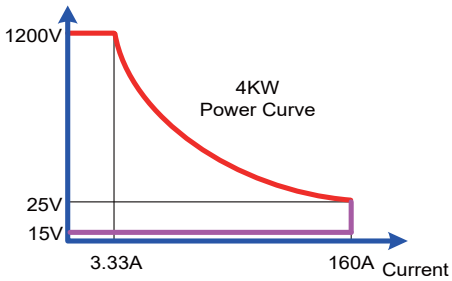

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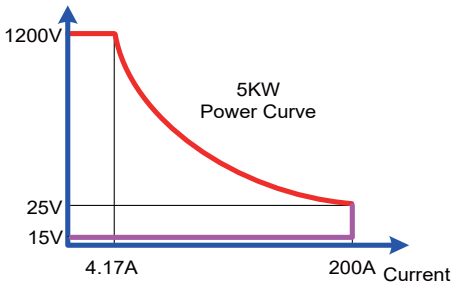
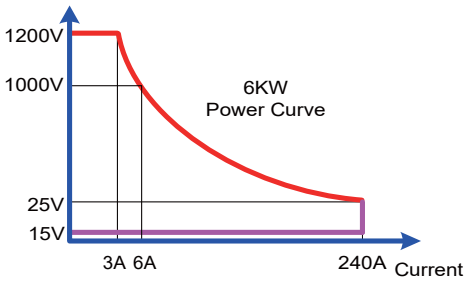


3375G



3376G