

3350G 系列

高功率直流電子負載



HIGH POWER DC ELECTRONIC LOAD



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	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



特 性

- 5位之數位電壓、電流以及功率錶
- 可同時顯示電壓值、電流值、瓦特值
- 大型 LCD Display、可用飛梭旋鈕或按鍵調整設定值
- 不只CC、CR、CP mode具備並聯操作功能，CV mode亦具備並聯操作功能
- 可設定開機狀態值
- 於短路測試時可設定短路時間
- 電壓極性顯示可設成正值（“+”）或負值（“-”）
- 主從控制最多為 1 個 Master 7 個 Slave
- 可選用介面：GPIB、RS232、USB、LAN
- 提供電池BMS保護板之保護功能測試
- 9923負載電流波形產生器提供電池實際放電電流波形之模擬（選購）
- 內建測試模式包括 Battery Discharge time，BMS，短路模擬，OCP，OPP 等測試模式
- Turbo mode（倍增模式），能夠在短時間內承受多達1.5倍電流與功率的電子負載，最適合BMS及短路、OCP、OPP測試。
- 定電流、定電阻、定電壓、定功率、定電壓+限電流、定電壓+限功率、動態及短路模式
- 過電流、功率、溫度保護及過電壓示警
- 內建緩啟動電路功能，允許UUT電源直接連接到3360G、3370G系列負載輸入端，不再需要外接緩啟動電路的大型繼電器開關

說 明

- 每個3350G系列均有獨立的控制及顯示面板、定電流/定電阻/定電壓/定功率/動態模式，更可透過RS232、Ethernet、USB和GPIB等介面進行遠端控制。
- 具備短路測試功能及設定短路時間，並可量測短路電壓及電流。
- 在定電流及定功率模式下，可做動態負載之模擬，其電流上升、下降斜率均為獨立可調，另具有一外部輸入任意波形之動態負載功能。
- 新增的OCP、OPP單鍵測試功能，使得OCP、OPP之測試更有效率及準確。
- 可設定的吃載/停止吃載（LOAD ON/OFF）電壓點及良/不良（GO/NG）的比較判斷功能、電壓極性顯示可正可負及150組 儲存/呼叫 記憶，使得負載更適用於各種不同的應用。
- 多達150組測試參數及狀態的儲存功能，讓其可根據自動測試（auto sequence）需求，隨時將儲存記憶調出來任意使用。
- 針對電池BMS保護板提供Short、OCCP及OCDP之保護功能測試

應 用

- 電壓/電流源測試
- 交換式電源供應器響應響應
- 定電壓模式供限流測試及模擬電池
- 電池放電容量
- 鋰電池BMS充放電保護
- 研發、品管
- ATE系統
- 生產測試

規 格									
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.Operating 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 + Range)								
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) +0.1% I.F.S.) ± (0.2%(Vin / Setting) +0.5% I.F.S.)*9 ± 0.1%(Vin/Setting)±0.1% I.F.S. ± (0.2%(Vin / Setting) +0.5% I.F.S.)*9 ± 0.1%(Vin/Setting)±0.1% I.F.S. ± (0.2%(Vin / Setting) +0.5% I.F.S.)*9								
Constant Voltage Mode									
Range	0~150V								
Resolution	0.0025V								
Accuracy	± 0.05% of (Setting + Range)								
Constant Power Mode									
Range	0~400W	400~4000W	0~500W	500~5000W	0~600W	600~6000W			
Resolution	0.0064W	0.064W	0.008W	0.08W	0.0096W	0.096W			
Accuracy *4	± 0.2% 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	0.096W			
Accuracy *4	± 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			
Test Accuracy *6	± 1.0% of (Reading + Range)								
Short time	100~10000mS	100~2000mS	100~10000mS	100~2000mS	100~10000mS	100~2000mS			
	Continus		Continus		Continus				
Setting Accuracy	±5mS	±5mS	±5mS	±5mS	±5mS	±5mS			
OCP/OPP Time (Tstep)	100mS	20mS	100mS	20mS	100mS	20mS			
Setting Accuracy	±5mS	±5mS	±5mS	±5mS	±5mS	±5mS			
BMS Test Mode *7									
Maximum Current	400A	600A	500A	750A	600A	900A			
Meas. Accuracy *6	± 3.0% of (Reading + Range)								
Short time	0.05mS~10mS	0.05mS~10mS	0.05mS~10ms	0.05mS~10ms	0.05mS~10ms	0.05mS~10ms			
Meas. Accuracy	±0.02mS								
Setting Accuracy	±0.05mS								
OCP Time (Tstep)	0.05mS~10mS	0.05mS~10mS	0.05mS~10mS	0.05mS~10mS	0.05mS~10mS	0.05mS~10mS			
	11mS~1000mS		11mS~1000mS		11mS~1000mS				
Meas. Accuracy	±0.1mS	±0.5mS	±0.1mS	±0.5mS	±0.1mS	±0.5mS			
	±0.5mS		±0.5mS		±0.5mS				
Setting Accuracy	±0.05mS of L Range / ±5mS of H Range								
Surge Test Mode									
Surge current	0~600A		0~750A		0~900A				
Normal current	0~400A		0~500A		0~600A				
Surge Time	10~2000ms		10~2000ms		10~2000ms				
Surge Step	1~5		1~5		1~5				
SEQ Load Mode (remote only)									
Algorithm	CC / CP								
Load mode	2~16								
P&O interval	20~1000uS / 2~65535mS / 66~999Sec								
Resolution	10uS / 1mS / 1Sec								
Dynamic Mode									
Timing									
Thigh & Tlow	0.010~9.999 / 99.99 / 999.9 / 9999 mS								
Resolution	0.001 / 0.01 / 0.1 / 1 mS								
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.)								
Accuracy	± (5% of Setting) ±10uS								
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		0.01W		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	0~62.25V								
Power Consumption	550VA								
Dimension (HxWxD)	177mm x 440mm x 745mm								
Weight (Approx.)	32kg		32.5kg		32.5kg				
Temperature *8	0~40℃								
Safety & EMC	CE								

註*1：規格功率僅適用於室溫25℃

註*2：CC Mode 可強制於range II

註*3：假如操作電流低於range 0.1%，精度的規格是0.1% F.S.

註*4：Power range = Vrange x Irange

註*5：Turbo mode (倍增模式) 能夠短時間內承受多達1.5倍電流與功率，適合bms短路、ocp、opp測試

註*6：OCP/OPP測試的最佳精確度為Istep/Pstep=1%FS

註*7：BMS測試功能主要應用於電池BMS保護板的Short / OCCP及OCDP的測試

註*8：操作溫度範圍為0~40℃，此規格表內之精確度僅適用於25℃±5℃

註*9：此規格僅適用於輸入電壓>1.5V且電阻設定> 0.0037Ω (3354G)、0.003Ω (3355G)、0.0025Ω (3356G) 的情況。

訂 購 方 式

高功率直流電子負載

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

選購介面：**①** GPIB Card **③** USB Card
② RS232 Card **④** LAN Card

規 格									
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	2.1435~128610Ω	0.0357~2.1435Ω	1.7148~102888Ω	0.0285~1.7148Ω	1.4290 ~85740Ω	0.0238~1.4290Ω			
Resolution	0.000008S	0.00003573Ω	0.000010S	0.000028584Ω	0.000012S	0.00002382Ω			
Accuracy	± (0.1%(Vin / Setting) +0.1% I.F.S.) ± (0.2%(Vin / Setting) +0.5% I.F.S.) ± 0.1%(Vin/Setting)±0.1% I.F.S. ± (0.2%(Vin / Setting) +0.5% I.F.S.) ± 0.1%(Vin/Setting)±0.1% I.F.S. ± (0.2%(Vin / Setting) +0.5% I.F.S.)								
Constant Voltage Mode									
Range	0~600V								
Resolution	0.01V								
Accuracy	± 0.05% of (Setting + Range)								
Constant Power Mode									
Range	0~400W	400~4000W	0~500W	500~5000W	0~600W	600~6000W			
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	0.01V	0.096W			
Accuracy *4	± 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			
Test Accuracy *6	± 1.0% of (Reading + Range)								
Short time	100~10000mS	100~2000mS	100~10000mS	100~2000mS	100~10000mS	100~2000mS			
	Continus		Continus		Continus				
Setting Accuracy	±5mS	±5mS	±5mS	±5mS	±5mS	±5mS			
OCP/OPP Time (Tstep)	100mS	20mS	100mS	20mS	100mS	20mS			
Setting Accuracy	±5mS	±5mS	±5mS	±5mS	±5mS	±5mS			
BMS Test Mode *7									
Maximum Current	280A	420A	350A	525A	420A	630A			
Meas. Accuracy *6	± 3.0% of (Reading + Range)								
Short time		0.05mS~10ms	0.05mS~10ms	0.05mS~10ms	0.05mS~10ms	0.05mS~10ms			
Meas. Accuracy	±0.02mS								
Setting Accuracy	±0.05mS								
OCP Time (Tstep)	0.05mS~10mS	0.05mS~10mS	0.05mS~10mS	0.05mS~10mS	0.05mS~10mS	0.05mS~10mS			
	11mS~1000mS		11mS~1000mS		11mS~1000mS				
Meas. Accuracy	±0.1mS	±0.5mS	±0.1mS	±0.5mS	±0.1mS	±0.5mS			
	±0.5mS		±0.5mS		±0.5mS				
Setting Accuracy	±0.05mS of L Range / ±5mS of H Range								
Surge Test Mode									
Surge current	0~420A		0~525A		0~630A				
Normal current	0~280A		0~350A		0~420A				
Surge Time	10~2000ms		10~2000ms		10~2000ms				
Surge Step	1~5		1~5		1~5				
SEQ Load Mode (remote only)									
Algorithm	CC / CP								
Load mode	2~16								
P&O interval	20~1000uS / 2~65535mS / 66~999Sec								
Resolution	10uS / 1mS / 1Sec								
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.)								
Accuracy	± (5% of Setting) ±10uS								
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	0.001V	0.01V	0.001V	0.01V	0.001V	0.01V			
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		0.01W		0.01W				
Accuracy *4	± 0.06% of (Reading + Range)								
General									
Typical Short Resistance	0.0357Ω		0.0285Ω		0.02382Ω				
Maximum Short Current	280A		350A		420A				
Load ON Voltage	0.4~100V								
Load OFF Voltage	0~99.6V								
Power Consumption	550VA								
Dimension (HxWxD)	177mm x 440mm x 745mm								
Weight (Approx.)	32.5kg		33kg		33kg				
Temperature *8	0~40℃								
Safety & EMC	CE								

註*1：規格功率僅適用於室溫25℃
註*2：CC Mode 可強制於range II
註*3：假如操作電流低於range 0.3%，精度的規格是0.1% F.S.

註*4：功率範圍=電壓範圍x電流範圍，規格僅在負載電流大於0.03% F.S.時有效
註*5：Turbo mode (倍增模式) 能夠短時間內承受多達1.5倍電流與功率，適合bms短路、ocp、opp測試

註*6：OCP/OPP測試的最佳精確度為Istep/Pstep=1%FS
註*7：BMS測試功能主要應用於電池BMS保護板的Short / OCCP及OCDP的測試
註*8：操作溫度範圍為0~40℃，此規格表內之精確度僅適用於25℃±5℃

訂 購 方 式

高功率直流電子負載

• 3364G 600V，280A，4000W

• 3365G 600V，350A，5000W

• 3366G 600V，420A，6000W

選購介面：

① GPIB Card

② RS232 Card

③ USB Card

④ LAN Card

All specifications are subject to change without notice.

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規 格						
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.Operating 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	0.0937~7.5Ω	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) +0.1% I.F.S.) ± (0.2%(Vin / Setting) +0.5% I.F.S.) ± 0.1%(Vin/Setting)±0.1% I.F.S. ± (0.2%(Vin / Setting) +0.5% I.F.S.) ± 0.1%(Vin/Setting)±0.1% I.F.S. ± (0.2%(Vin / Setting) +0.5% I.F.S.)					
Constant Voltage Mode						
Range	0~1200V					
Resolution	0.02V					
Accuracy	± 0.05% of (Setting + Range)					
Constant Power Mode						
Range	0~400W	400~4000W	0~500W	500~5000W	0~600W	600~6000W
Resolution	0.0064W	0.064W	0.008W	0.08W	0.0096W	0.096W
Accuracy *4	± 0.2% 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 *4	± 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
Test Accuracy *6	± 1.0% of (Reading + Range)					
Short time	100~10000mS	100~2000mS	100~10000mS	100~2000mS	100~10000mS	100~2000mS
	Continus		Continus		Continus	
Setting Accuracy	±5mS	±5mS	±5mS	±5mS	±5mS	±5mS
OCP/OPP Time (Tstep)	100mS	20mS	100mS	20mS	100mS	20mS
Setting Accuracy	±5mS	±5mS	±5mS	±5mS	±5mS	±5mS
BMS Test Mode *7						
Maximum Current	160A	240A	200A	300A	240A	360A
Meas. Accuracy *6	± 3.0% of (Reading + Range)					
Short time	0.05~10mS	0.05~10mS	0.05~10mS	0.05~10mS	0.05mS~10ms	0.05mS~10ms
Meas. Accuracy	±0.02mS					
Setting Accuracy	±0.05mS					
OCP Time (Tstep)	0.05~10mS	0.05~10mS	0.05~10mS	0.05~10mS	0.05~10mS	0.05~10mS
	11~1000mS		11~1000mS		11~1000mS	
Meas. Accuracy	±0.1mS	±0.5mS	±0.1mS	±0.5mS	±0.1mS	±0.5mS
	±0.5mS		±0.5mS		±0.5mS	
Setting Accuracy	±0.05mS of L Range / ±5mS of H Range					
Surge Test Mode						
Surge current	0~240A		0~300A		0~360A	
Normal current	0~160A		0~200A		0~240A	
Surge Time	10~2000ms		10~2000ms		10~2000ms	
Surge Step	1~5		1~5		1~5	
SEQ Load Mode (remote only)						
Algorithm	CC / CP					
Load mode	2~16					
P&O interval	20~1000uS / 2~65535mS / 66~999Sec					
Resolution	10uS / 1mS / 1Sec					
Dynamic Mode						
Timing	0.010~9.999 / 99.99 / 999.9 / mS					
Thigh & Tlow	0.001 / 0.01 / 0.1 / 1mS					
Resolution	1/10/100/1000 uS+50ppm					
Accuracy						
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.)					
Accuracy	± (5% of Setting) ±10uS					
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	0.002V	0.02V	0.002V	0.02V
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		0.01W		0.01W	
Accuracy *4	± 0.06% of (Reading + Range)					
General						
Typical Short Resistance	0.0937Ω		0.075Ω		0.062505Ω	
Maximum Short Current	160A		200A		240A	
Load ON Voltage	1~250V					
Load OFF Voltage	0~249V					
Power Consumption	550VA					
Dimension (HxWxD)	177mm x 440mm x 745mm					
Weight (Approx.)	32kg		32.5kg		32.5kg	
Temperature *8	0~40℃					
Safety & EMC	CE					

註*1：規格功率僅適用於室溫25℃

註*2：CC Mode 可強制於range II

註*3：假如操作電流低於range 0.1%，精度的規格是0.1% F.S.

註*4：功率範圍=電壓範圍x電流範圍，規格僅在負載電流大於0.03% F.S.時有效

註*5：Turbo mode (倍增模式) 能夠短時間內承受多達1.5倍電流與功率，適合bms短路、ocp、opp測試

註*6：OCP/OPP測試的最佳精確度為Istep/Pstep=1%FS

註*7：BMS測試功能主要應用於電池BMS保護板的Short / OCCP及OCDP的測試

註*8：操作溫度範圍為0~40℃，此規格表內之精確度僅適用於25℃±5℃

訂 購 方 式

高功率直流電子負載

• 3374G 1200V，160A，4000W

• 3375G 1200V，200A，5000W

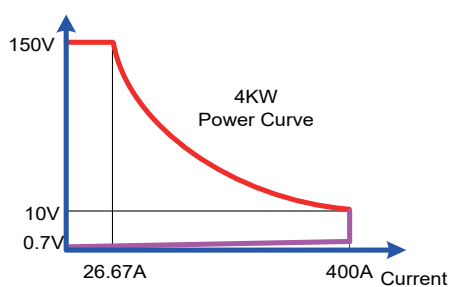
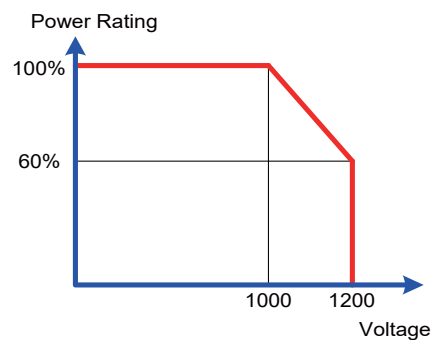
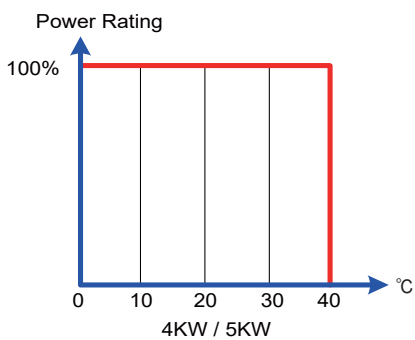
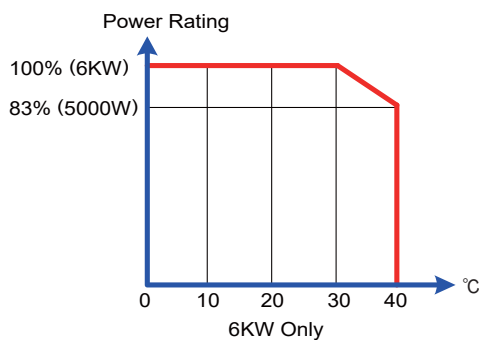
選購介面：

① GPIB Card

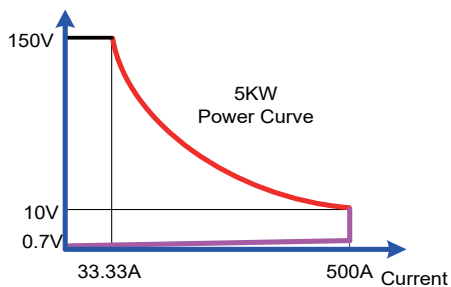
② RS232 Card

③ USB Card

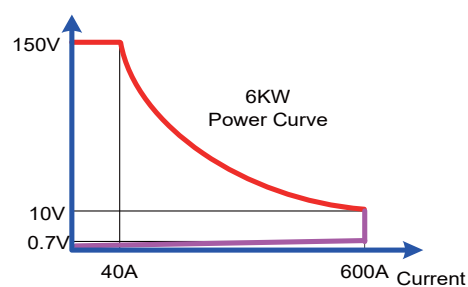
④ LAN Card



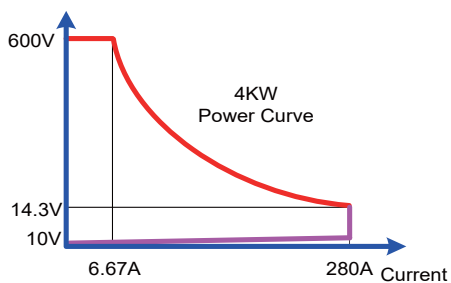
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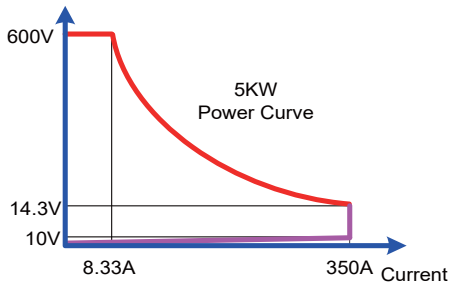
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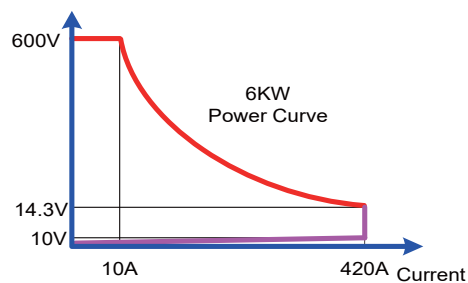
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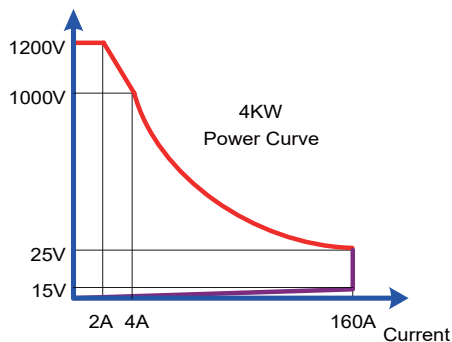
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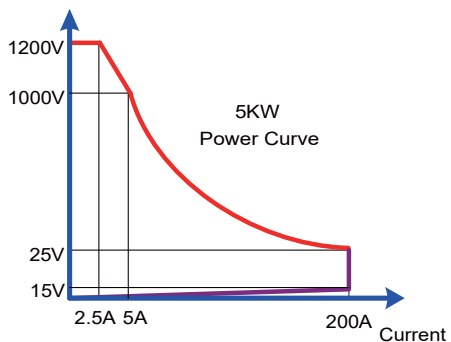
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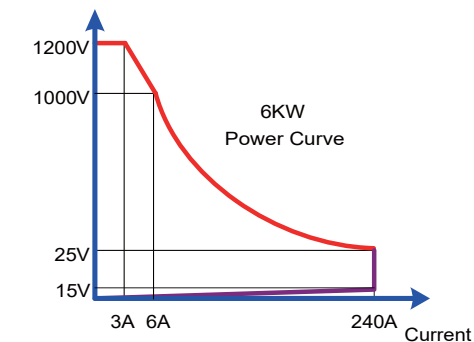
3366G



3374G



3375G



3376G