

150V
600V
1000V

6kW~
24kW

12機種



特 性

- 最大功率可達 192KW
- 最高達 8 台主/從並聯控制
- 5位數之數位電壓、電流以及功率錶
- 高速量測及通訊傳輸速率
- 大型 LCD Display、可用飛梭旋鈕或按鍵調整設定值
- 可同時顯示電壓值、電流值、瓦特值
- 適用於功率因數調整器(PFC)測試用 (600V,1000V機種)
- 可自動執行OCP、OPP測試
- 可設定開機狀態值
- 定電流、定電阻、定電壓、定功率、定電流+定電壓、定功率+定電壓、動態及短路模式
- 於短路測試時可設定短路時間
- 過電流、功率、溫度保護及過電壓示警
- 電壓極性顯示可設成正值(“+”)或負值(“-”)
- 支援太陽能板MPPT 測試
- 可選用介面： GPIB、RS232、USB、LAN

說 明

- 34000C系列具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，配合面板上的150組 儲存/呼叫 記憶，能有效地控制所有負載的設定，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-外部輸入任意波形之動態負載功能。
- 具有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。
- 因其耐壓可高達1000V，故而非常適用於功率因數調整器 (PFC) 的測試應用。
- 主/從控制最多為1個MASTER，7個SLAVE

應 用

- 電壓/電流源測試
- 交換式電源供應器暫態響應
- 定電壓模式供限流測試及模擬電池
- 電池放電
- 電池充電
- 研發、品管
- ATE系統
- 生產測試

規 格

MODEL	34106C		34112C		34118C		34124C	
Power	6KW		12KW		18KW		24KW	
Current	0 ~ 60A	0 ~ 600A	0 ~ 120A	0 ~ 1200A	0 ~ 180A	0 ~ 1800A	0 ~ 200A	0 ~ 2000A
Voltage	0 ~ 150V							
Min. Operating Voltage	0.7V @ 600A		0.7V @ 1200A		0.7V @ 1800A		0.62V @ 2000A	
Protections								
Over Power Protection (OPP)	105%							
Over Current Protection (OCP)	104%							
Over Voltage Protection (OVP)	105%							
Over Temp Protection (OTP)	Yes							
Constant Current Mode								
Range ¹	60A	600A	120A	1200A	180A	1800A	200A	2000A
Resolution	0.96mA	9.6mA	1.92mA	19.2mA	2.88mA	28.8mA	3.2mA	32mA
Accuracy	± (0.1% of Setting + 0.2% of Range)							
Constant Resistance Mode								
Range	15000Ω~0.25Ω	0.25Ω~0.0012Ω	7500Ω~0.125Ω	0.125Ω~0.0005Ω	5000Ω~0.0833Ω	0.0833Ω~0.0004Ω	4500Ω~0.075Ω	0.075Ω~0.0004Ω
Resolution	66.66μS	4.167μΩ	8.8μS	2.08μΩ	200μS	1.38833μΩ	222μS	1.25μΩ
Accuracy	±0.2% of (Setting + Range)							
Constant Voltage Mode								
Range	150V							
Resolution	2.5mV							
Accuracy	± 0.05% of (Setting + Range)							
Constant Power Mode								
Range	600W	6000W	1200W	12000W	1800W	18000W	2400W	24000W
Resolution	9.6mW	96mW	19.2mW	192mW	28.8mW	288mW	38.4mW	384mW
Accuracy	± 0.5% of (Setting + Range)							
Constant Voltage Mode + Constant Current Mode								
Range	150V	600A	150V	1200A	150V	1800A	150V	2000A
Resolution	2.5mV	9.6mA	2.5mV	19.2mA	2.5mV	28.8mA	2.5mV	32mA
Accuracy	± 1% of (Setting + Range)							
Constant Voltage Mode + Constant Power Mode								
Range	150V	6000W	150V	12000W	150V	18000W	150V	24000W
Resolution	2.5mV	96mW	2.5mV	192mW	2.5mV	288mW	2.5mV	384mW
Accuracy	± 1.0% of (Setting + Range)							
MPPT Mode								
Algorithm	P&O							
Load mode	CV							
P&O interval	10ms~2000ms ; resolution 1ms							
Dynamic Mode								
Timing								
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999ms							
Resolution	0.001 / 0.01 / 0.1 / 1ms							
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm							
Slew Rate	0.0144A~0.9A/μs	0.144A~9A/μs	0.0288A~1.8A/μs	0.288A~18A/μs	0.0432A~2.7A/μs	0.432A~27A/μs	0.048A~3.0A/μs	0.48A~30A/μs
Resolution	0.0036A/μs	0.036A/μs	0.0072A/μs	0.072A/μs	0.0108A/μs	0.108A/μs	0.012A/μs	0.12A/μs
Min. Rise Time	66.7μs(typical)							
Current								
Range	0~60A	60~600A	0~120A	120~1200A	0~180A	180~1800A	0~200A	200~2000A
Resolution	0.96mA	9.6mA	1.92mA	19.2mA	2.88mA	28.8mA	3.2mA	32mA
Measurement								
Voltage Read Back								
Range (5 Digital)	0~15V	15~150V	0~15V	15~150V	0~15V	15~150V	0~15V	15~150V
Resolution	2.5mV	2.5mV	0.25mV	2.5mV	0.25mV	2.5mV	0.25mV	2.5mV
Accuracy	±0.025% of (Reading + Range)							
Current Read Back								
Range (5 Digital)	0~60A	60~600A	0~120A	120~1200A	0~180A	180~1800A	0~200A	200~2000A
Resolution	0.96mA	9.6mA	1.92mA	19.2mA	2.88mA	28.8mA	3.2mA	32mA
Accuracy	±0.1% of (Reading + Range)							
Power Read Back								
Range (5 Digital)	0~600W	6000W	1200W	12000W	1800W	18000W	2400W	24000W
Resolution	0.1W	1W	0.1W	1W	0.1W	1W	0.1W	1W
Accuracy	±0.125% of (Reading + Range)							
General								
Typical Short Resistance	0.00116Ω		0.000583Ω		0.000388Ω		0.00031Ω	
Maximum Short Current	600A		1200A		1800A		2000A	
Load ON Voltage	0.25 ~ 62.5V							
Load OFF Voltage	0 ~ 62.5V							
Power Consumption	600Wmax		1000Wmax		1450Wmax		1900Wmax	
Operating Temperature ²	0~40°C							
Dimension (HxWxD)	446x444x763mm		572x444x763mm		761x444x763mm		884x444x763mm	
HxWxD (Not included wheels)	342x444x763mm		468x444x763mm		657x444x763mm		780x444x763mm	
Weight	62 kg		92 kg		124 kg		155 kg	
Safety & EMC	CE							

冷卻方式：智慧型風扇冷卻

輸入電源：① Load-20KW內(含) : 100~230 Vac ±10%, 50/60Hz
 ② Load-25KW以上(含) : 200~230 Vac ±10%, 50/60Hz

註*1:CC Mode 可強制於range II

註*2:操作溫度範圍為0~40°C，此規格表內之精確度僅適用於25°C±5°C

訂 購 方 式

選購介面：

- ① GPIB Card
- ② RS232 Card
- ③ USB Card
- ④ LAN Card



34106C 150V · 600A · 6KW



34112C 150V · 1200A · 12KW



34118C 150V · 1800A · 18KW



34124C 150V · 2000A · 24KW

規 格

MODEL	34206C		34212C		34218C		34224C	
Power	6KW		12KW		18KW		24KW	
Current	0 ~ 16A	0 ~ 160A	0 ~ 32A	0 ~ 320A	0 ~ 48A	0 ~ 480A	0 ~ 64A	0 ~ 640A
Voltage	0 ~ 600V							
Min. Operating Voltage	20V @ 160A		20V @ 320A		20V @ 480A		20V @ 640A	
Protections								
Over Power Protection (OPP)	105%							
Over Current Protection (OCP)	104%							
Over Voltage Protection (OVP)	105%							
Over Temp Protection (OTP)	Yes							
Constant Current Mode								
Range ¹	16A	160A	32A	320A	48A	480A	64A	640A
Resolution	0.256mA	2.56mA	0.512mA	5.12mA	0.768mA	7.68mA	1.024mA	10.24mA
Accuracy	± (0.1% of Setting + 0.2% of Range)							
Constant Resistance Mode								
Range	22500Ω~3.75Ω	3.75Ω~0.126Ω	11250Ω~1.875Ω	1.875Ω~0.063Ω	7500Ω~1.25Ω	1.25Ω~0.042Ω	5625Ω~0.9375Ω	0.9375Ω~0.0315Ω
Resolution	4.4μS	0.063mΩ	8.8μS	0.0315mΩ	13.3μS	0.021mΩ	17.7μS	0.01575mΩ
Accuracy	±0.2% of (Setting + Range)							
Constant Voltage Mode								
Range	600V							
Resolution	10mV							
Accuracy	± 0.05% of (Setting + Range)							
Constant Power Mode								
Range	600W	6000W	1200W	12000W	1800W	18000W	2400W	24000W
Resolution	9.6mW	96mW	19.2mW	192mW	28.8mW	288mW	38.4mW	384mW
Accuracy	± 0.5% of (Setting + Range)							
Constant Voltage Mode + Constant Current Mode								
Range	600V	160A	600V	320A	600V	480A	600V	640A
Resolution	10mV	2.56mA	10mV	5.12mA	10mV	7.68mA	10mV	10.24mA
Accuracy	± 1% of (Setting + Range)							
Constant Voltage Mode + Constant Power Mode								
Range	600V	6000W	600V	12000W	600V	18000W	600V	24000W
Resolution	10mV	96mW	10mV	192mW	10mV	288mW	10mV	384mW
Accuracy	± 1.0% of (Setting + Range)							
MPPT Mode								
Algorithm	P&O							
Load mode	CV							
P&O interval	10ms~2000ms ; resolution 1ms							
Dynamic Mode								
Timing								
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999ms							
Resolution	0.001 / 0.01 / 0.1 / 1ms							
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm							
Slew Rate	12.8mA~800A/μs	128mA~8A/μs	256mA~16A/μs	256mA~16A/μs	38.4mA~2.4A/μs	384mA~24A/μs	51.2mA~3.2A/μs	512mA~32A/μs
Resolution	3.2mA/μs	32mA/μs	6.4mA/μs	64mA/μs	9.6mA/μs	96mA/μs	12.8mA/μs	128mA/μs
Min. Rise Time	20μs(typical)							
Current								
Range	0~16A	16~160A	0~32A	32~320A	0~48A	48~480A	0~64A	64~640A
Resolution	0.256mA	2.56mA	0.534mA	5.34mA	0.768mA	7.68mA	1.024mA	10.24mA
Measurement								
Voltage Read Back								
Range (5 Digital)	0~60V	60~600V	0~60V	60~600V	0~60V	60~600V	0~60V	60~600V
Resolution	1mV	10mV	1mV	10mV	1mV	10mV	1mV	10mV
Accuracy	±0.025% of (Reading + Range)							
Current Read Back								
Range (5 Digital)	0~16A	16~160A	0~32A	32~320A	0~48A	48~480A	0~64A	64~640A
Resolution	0.256mA	2.56mA	0.512mA	5.12mA	0.768mA	7.68mA	1.024mA	10.24mA
Accuracy	±0.1% of (Reading + Range)							
Power Read Back								
Range (5 Digital)	600W	6000W	1200W	12000W	1800W	18000W	2400W	24000W
Resolution	0.1W	1W	0.1W	1W	0.1W	1W	0.1W	1W
Accuracy	±0.125% of (Reading + Range)							
General								
Typical Short Resistance	0.125Ω		0.0625Ω		0.04166Ω		0.03125Ω	
Maximum Short Current	160A		320A		480A		640A	
Load ON Voltage	0.4 ~ 100V							
Load OFF Voltage	0 ~ 100V							
Power Consumption	600Wmax		1000Wmax		1450Wmax		1900Wmax	
Operating Temperature ²	0~40°C							
Dimension (HxWxD)	446x444x763mm		572x444x763mm		761x444x763mm		884x444x763mm	
HxWxD (Not included wheels)	342x444x763mm		468x444x763mm		657x444x763mm		780x444x763mm	
Weight	62 kg		92 kg		124 kg		155 kg	
Safety & EMC	CE							

冷卻方式：智慧型風扇冷卻

輸入電源：① Load-20KW內(含) : 100~230 Vac ±10%, 50/60Hz
 ② Load-25KW以上(含) : 200~230 Vac ±10%, 50/60Hz

註*1:CC Mode 可強制於range II

註*2:操作溫度範圍為0~40°C，此規格表內之精確度僅適用於25°C±5°C

訂 購 方 式

選購介面：

- ① GPIB Card
- ② RS232 Card
- ③ USB Card
- ④ LAN Card



34206C 600V, 160A, 6KW



34212C 600V, 320A, 12KW



34218C 600V, 480A, 18KW



34224C 600V, 640A, 24KW

規 格

MODEL	34306C		34312C		34318C		34324C	
Power	6KW		12KW		18KW		24KW	
Current	0 ~ 5A	0 ~ 50A	0 ~ 10A	0 ~ 100A	0 ~ 15A	0 ~ 150A	0 ~ 20A	0 ~ 200A
Voltage	0 ~ 1000V							
Min. Operating Voltage	40V @ 50A		40V @ 100A		40V @ 150A		40V @ 200A	
Protections								
Over Power Protection (OPP)	105%							
Over Current Protection (OCP)	104%							
Over Voltage Protection (OVP)	104%							
Over Temp Protection (OTP)	Yes							
Constant Current Mode								
Range ¹	5A	50A	10A	100A	15A	150A	20A	200A
Resolution	0.08mA	0.8mA	0.16mA	1.6mA	0.24mA	2.4mA	0.32mA	3.2mA
Accuracy	± (0.1% of Setting + 0.2% of Range)							
Constant Resistance Mode								
Range	24000Ω~20Ω	20Ω~0.8016Ω	12000Ω~10Ω	10Ω~0.4008Ω	8000Ω~6.666Ω	6.666Ω~0.2688Ω	6000Ω~5Ω	5Ω~0.2016Ω
Resolution	0.833μS	0.344mΩ	1.666μS	0.167mΩ	2.4μS	0.112mΩ	3.33μS	0.084mΩ
Accuracy	±0.2% of (Setting + Range)							
Constant Voltage Mode								
Range	10 ~ 1000V							
Resolution	16mV							
Accuracy	± 0.05% of (Setting + Range)							
Constant Power Mode								
Range	600W	6000W	1200W	12000W	1800W	18000W	2400W	24000W
Resolution	9.6mW	96mW	19.2mW	192mW	28.8mW	288mW	38.4mW	384mW
Accuracy	± 0.5% of (Setting + Range)							
Constant Voltage Mode + Constant Current Mode								
Range	1000V	50A	1000V	100A	1000V	150A	1000V	200A
Resolution	16mV	0.8mA	16mV	1.6mA	16mV	2.4mA	16mV	3.2mA
Accuracy	± 1% of (Setting + Range)							
Constant Voltage Mode + Constant Power Mode								
Range	1000V	6000W	1000V	12000W	1000V	18000W	1000V	24000W
Resolution	16mV	96mW	16mV	192mW	16mV	288mW	16mV	384mW
Accuracy	± 1.0% of (Setting + Range)							
MPPT Mode								
Algorithm	P&O							
Load mode	CV							
P&O interval	10ms~2000ms ; resolution 1ms							
Dynamic Mode								
Timing								
Thigh & Tlow	0.050~9.999 / 99.99 / 999.9 / 9999ms							
Resolution	0.001 / 0.01 / 0.1 / 1ms							
Accuracy	1μs / 10μs / 100μs / 1ms + 50ppm							
Slew Rate	0.004A~0.25A/μs	0.04A~2.5A/μs	0.008A~0.5A/μs	0.08A~5A/μs	0.012A~0.75A/μs	0.12A~7.5A/μs	0.016A~1A/μs	0.16A~10A/μs
Resolution	0.001A/μs	0.01A/μs	0.002A/μs	0.02A/μs	0.003A/μs	0.03A/μs	0.004A/μs	0.04A/μs
Min. Rise Time	20μs(typical)							
Current								
Range	0~5A	5~50A	0~10A	10~100A	0~15A	15~150A	0~20A	20~200A
Resolution	0.08mA	0.8mA	0.16mA	1.6mA	0.24mA	2.4mA	0.32mA	3.2mA
Measurement								
Voltage Read Back								
Range (5 Digital)	0~100V	100~1000V	0~100V	100~1000V	0~100V	100~1000V	0~100V	100~1000V
Resolution	1.6mV	16mV	1.6mV	16mV	1.6mV	16mV	1.6mV	16mV
Accuracy	±0.025% of (Reading + Range)							
Current Read Back								
Range (5 Digital)	0~5A	5~50A	0~10A	10~100A	0~15A	15~150A	0~20A	20~200A
Resolution	0.08mA	0.8mA	0.16mA	1.6mA	0.24mA	2.4mA	0.32mA	3.2mA
Accuracy	±0.1% of (Reading + Range)							
Power Read Back								
Range (5 Digital)	600W	6000W	1200W	12000W	1800W	18000W	2400W	24000W
Resolution	0.1W	1W	0.1W	1W	0.1W	1W	0.1W	1W
Accuracy	±0.125% of (Reading + Range)							
General								
Typical Short Resistance	0.8Ω		0.5Ω		0.266Ω		0.2Ω	
Maximum Short Current	50A		100A		150A		200A	
Load ON Voltage	0.8 ~ 200V							
Load OFF Voltage	0 ~ 200V							
Power Consumption	600Wmax		1000Wmax		1450Wmax		1900Wmax	
Operating Temperature ²	0~40°C							
Dimension (HxWxD)	446x444x763mm		572x444x763mm		761x444x763mm		884x444x763mm	
HxWxD (Not included wheels)	342x444x763mm		468x444x763mm		657x444x763mm		780x444x763mm	
Weight	62 kg		92 kg		124 kg		155 kg	
Safety & EMC	CE							

冷卻方式：智慧型風扇冷卻

輸入電源：① Load-20KW內(含) : 100~230 Vac ±10%, 50/60Hz
 ② Load-25KW以上(含) : 200~230 Vac ±10%, 50/60Hz

註*1:CC Mode 可強制於range II

註*2:操作溫度範圍為0~40°C，此規格表內之精確度僅適用於25°C±5°C

訂 購 方 式

選購介面：

- ① GPIB Card
- ② RS232 Card
- ③ USB Card
- ④ LAN Card



34306C 1000V · 50A · 6KW



34312C 1000V · 100A · 12KW



34318C 1000V · 150A · 18KW



34324C 1000V · 200A · 24KW