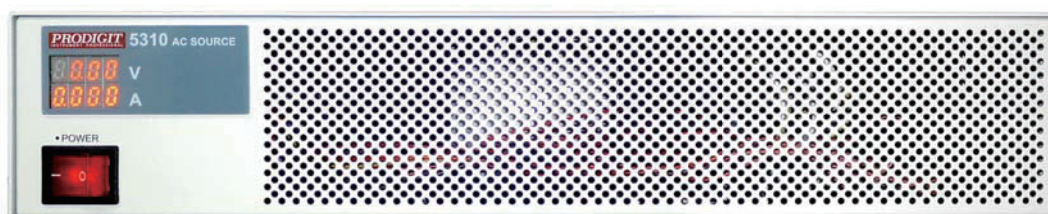


5310

交流電源供應器



AC SOURCE



博計電子股份有限公司

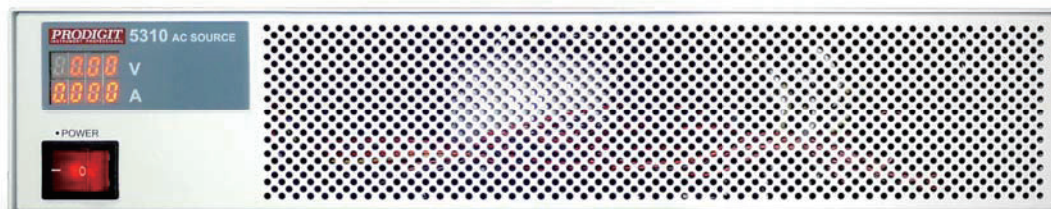
新北市新店區寶中路88號8樓

TEL : 886-2-2918-2620

FAX : 886-2-2912-9870

<http://www.prodigit.com.tw> E-mail : carry@prodigit.com.tw





特 性

- 電壓輸出範圍：0~500V
- 電壓輸出共有六檔：0~150V，200V，300V，350V，450V 及500V
- 電流輸出範圍：最大7A
- 功率輸出範圍：0~1KVA
- 開機 / 關機角度控制為0~360°
- 提供USB PD Voltage Sag測試
- 可模擬TRIAC(Leading or Trailing edge)的電源輸出
- 提供IEC/EN 61000-4-11的法規測試 包括Voltage Dips、Voltage Short interruptions and voltage variations immunity tests
- 過電流、過溫度及短路保護

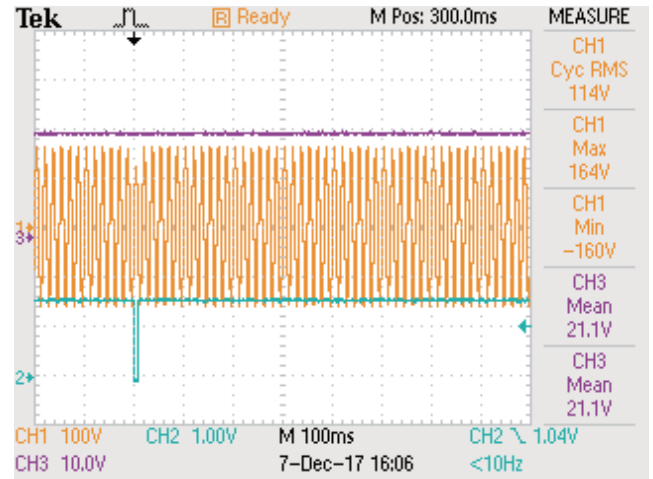
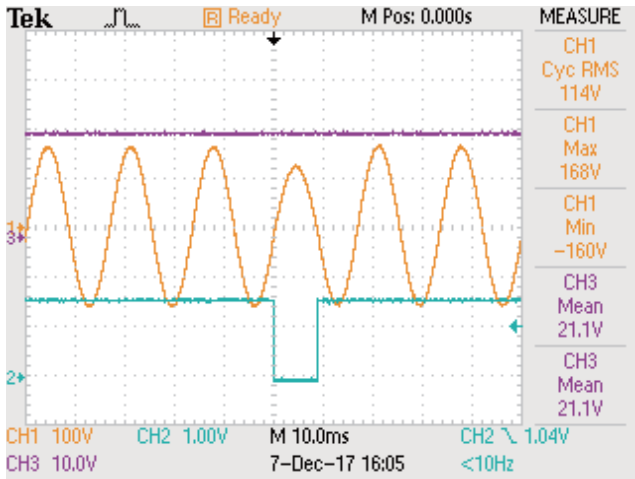
說 明

- 電壓輸出共六檔，最高可達500V，方便於300V以上〈305V LED Driver及350V電壓〉之電壓調整率測試
- 0~360° 的開機 / 關機角度控制，使得待測物的湧浪電流 (Inrush Current) 或保持時間 (Hold-up Time) 量測更加方便
- 支援USB PD Voltage sag電源測試，USB PD電源於輸入110V/50Hz和230V/50Hz於25%、50%、100%的驟降電壓，及分別於0.5、1、5、10週期期間須能符合下規格

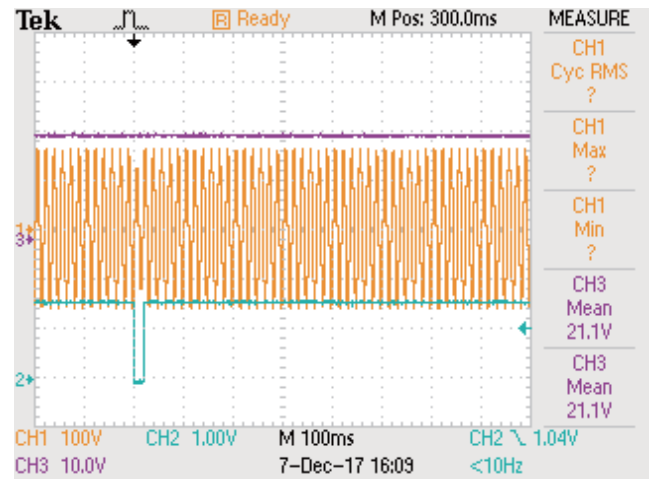
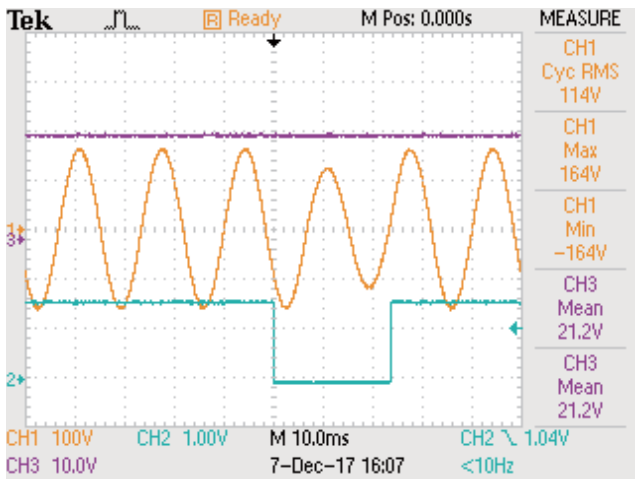
Duration times	Dip Voltage (Vin=110Vac/60Hz)			Dip Voltage (Vin=230Vac/50Hz)		
	25%	50%	100%	25%	50%	100%
0.5 cycle	S	S	S	S	S	S
1 cycle	S	S	S	S	S	S
5 cycle	S	R	R	S	R	R
10 cycle	S	R	R	S	R	R

備註：*S 表示輸出須符合規格

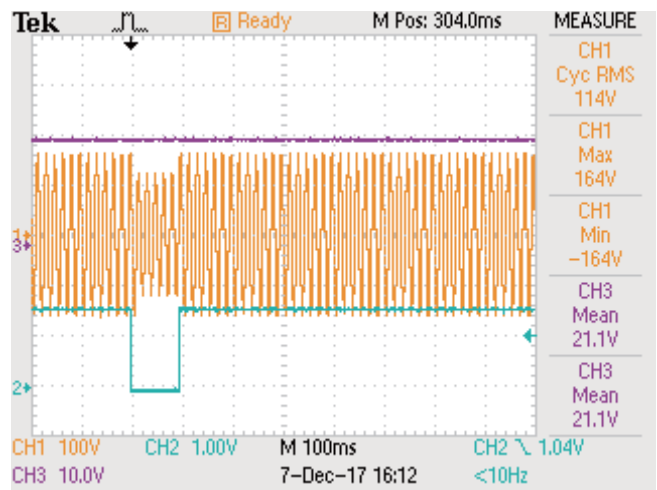
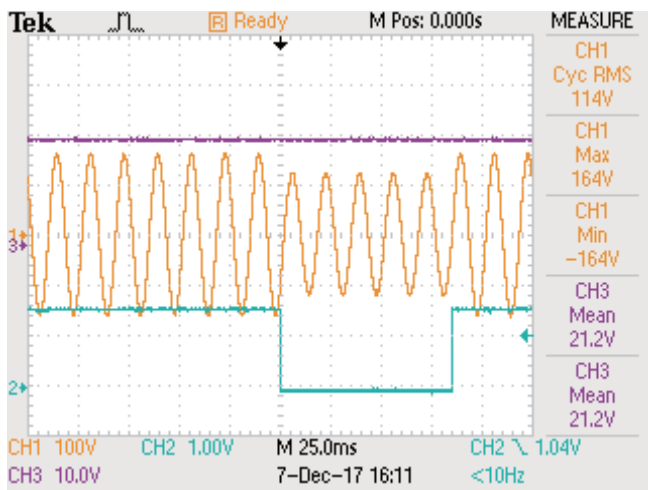
*R 表示可自動回覆 5V 的輸出電壓



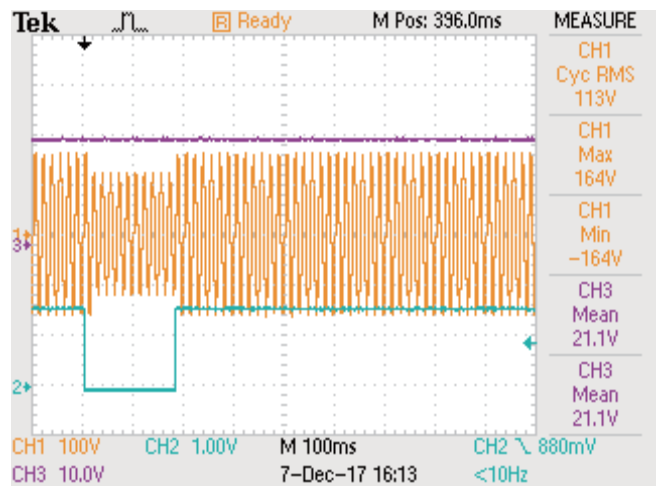
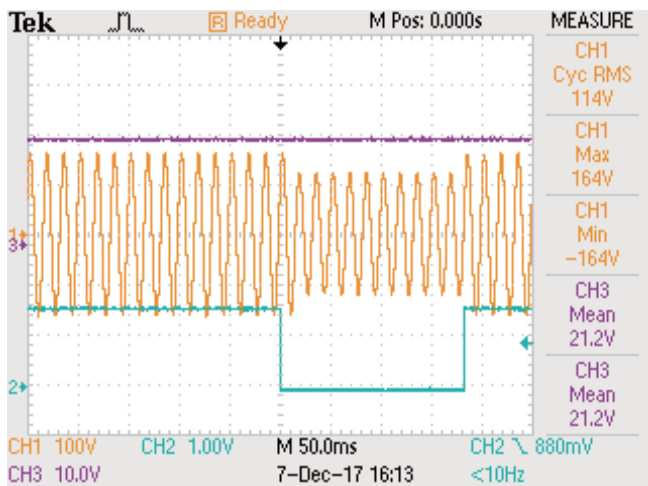
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 25% 0.5Cycle , 輸出符合規格



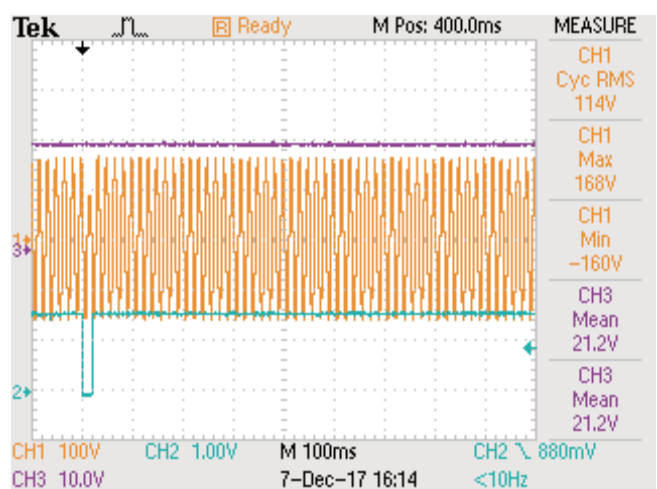
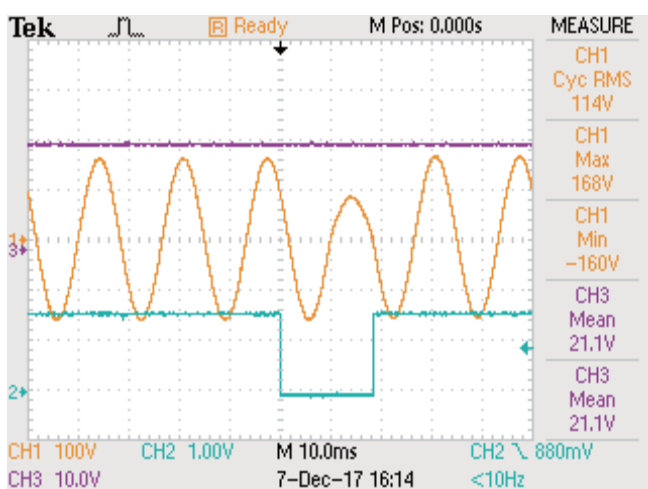
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 25% 1Cycle , 輸出符合規格



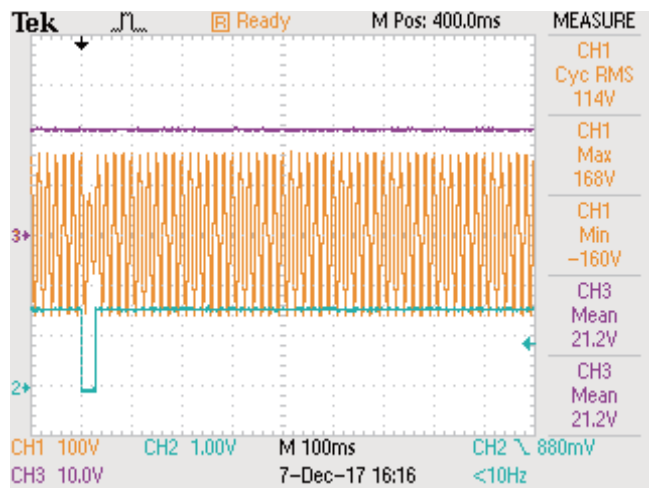
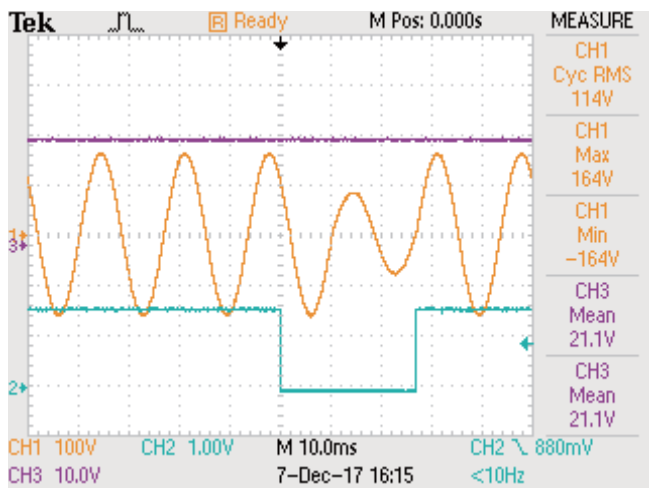
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 25% 5Cy Ie , 輸出符合規格



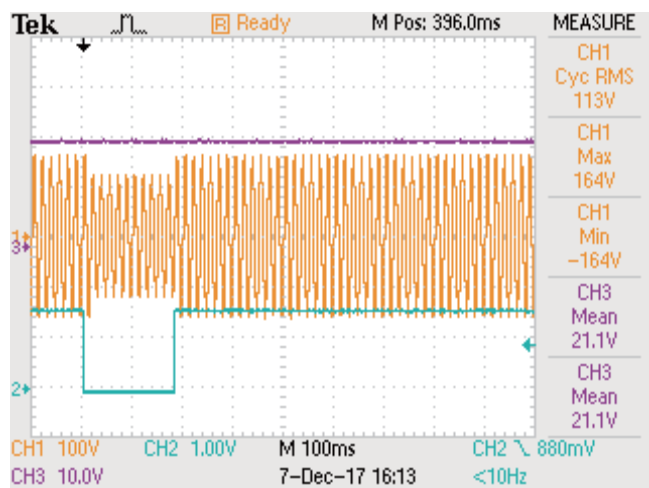
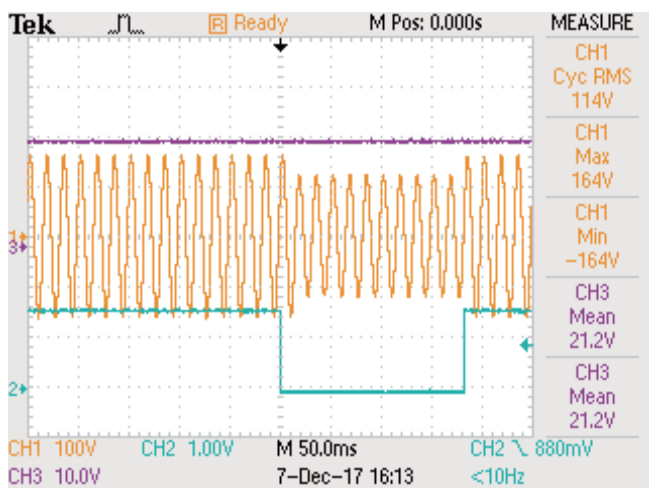
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 25% 10Cy Ie , 輸出符合規格



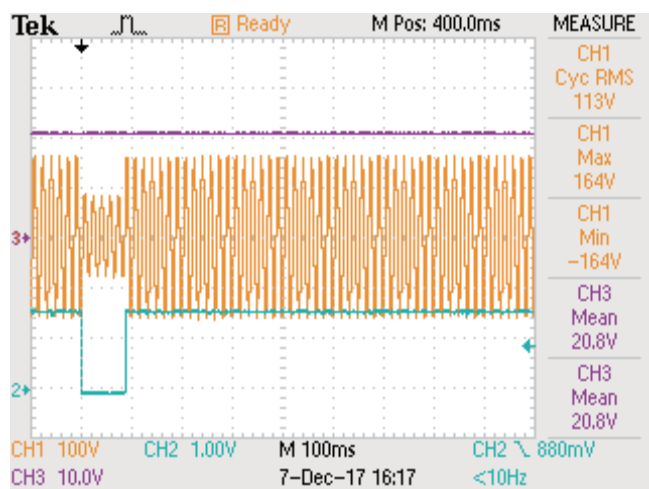
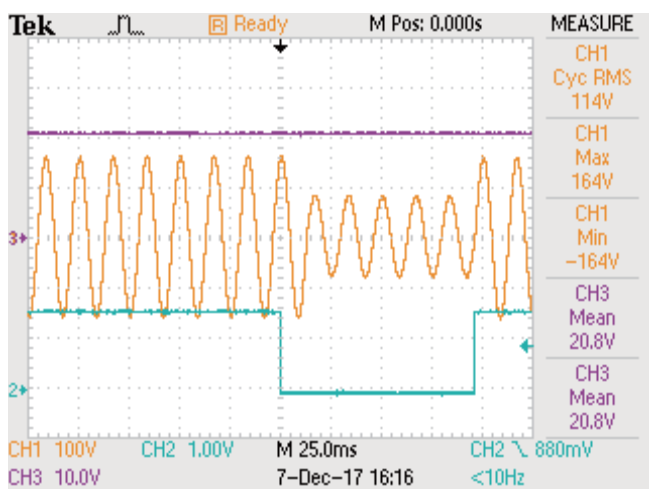
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 50% 0.5Cy Ie , 輸出符合規格



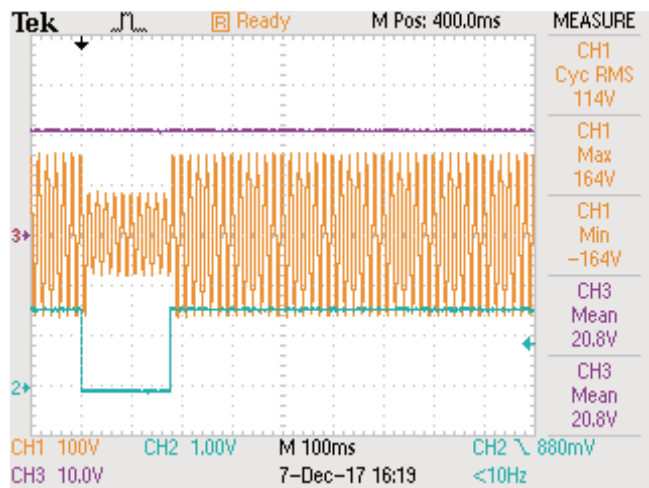
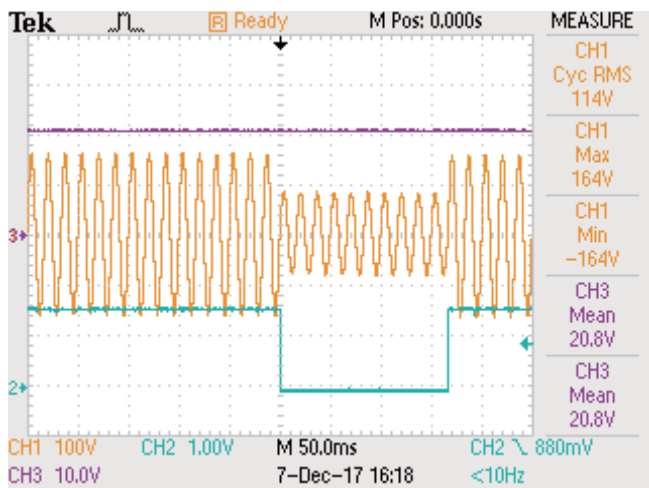
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 50% 1Cy Ie , 輸出符合規格



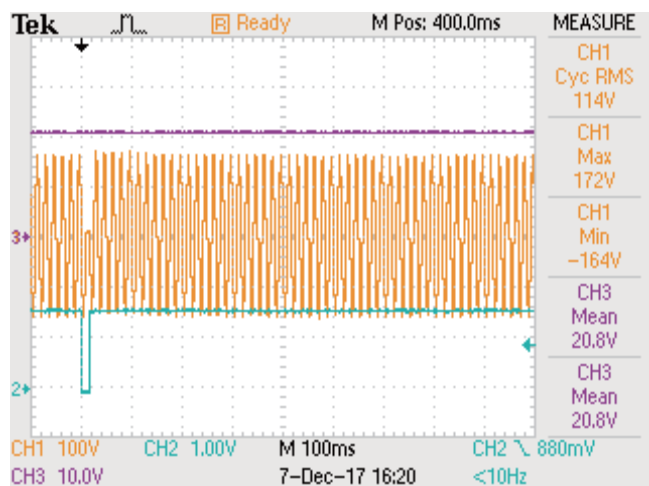
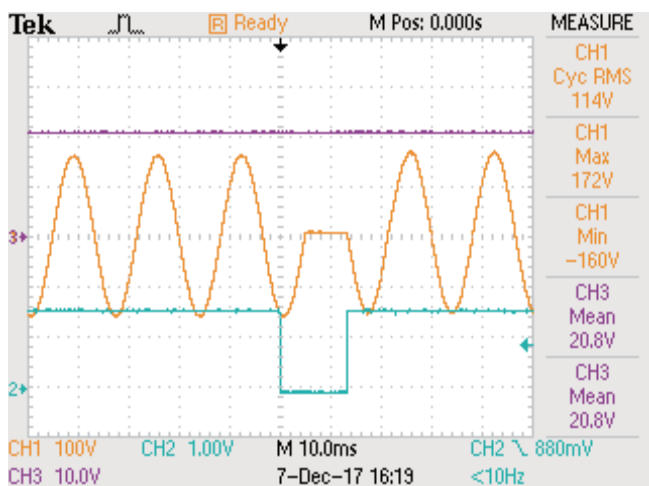
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 25% 10Cy Ie , 輸出符合規格



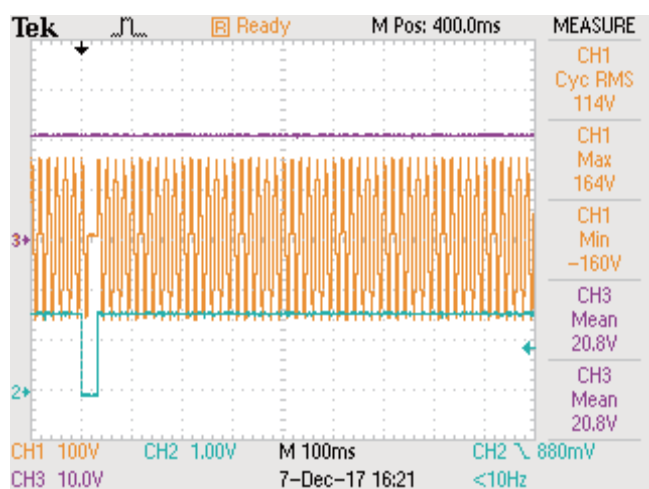
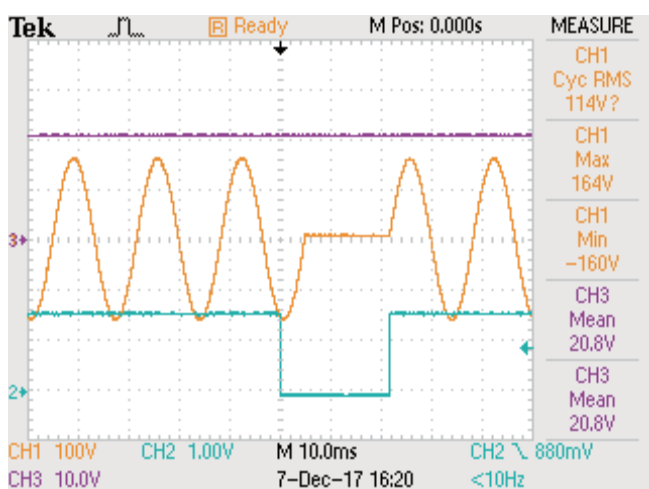
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 50% 5Cy Ie , 輸出符合規格



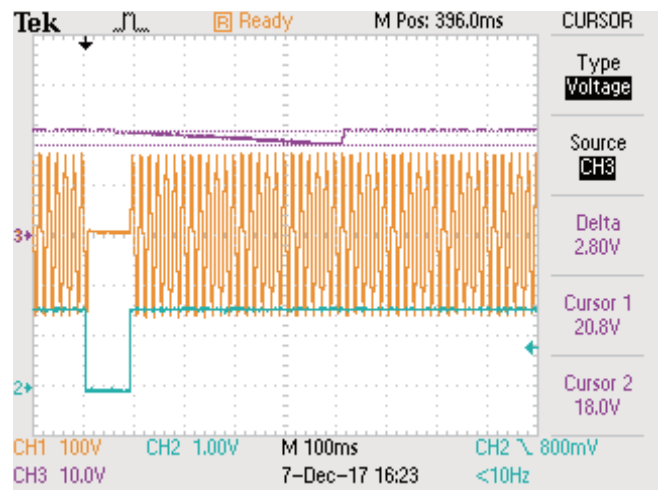
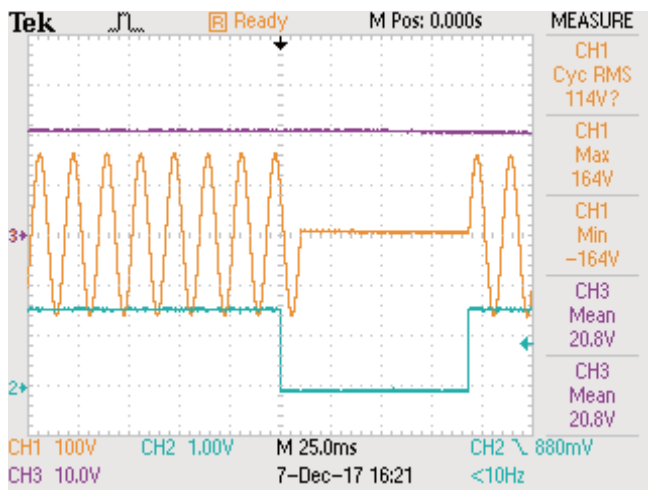
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 50% 10Cy le , 輸出符合規格



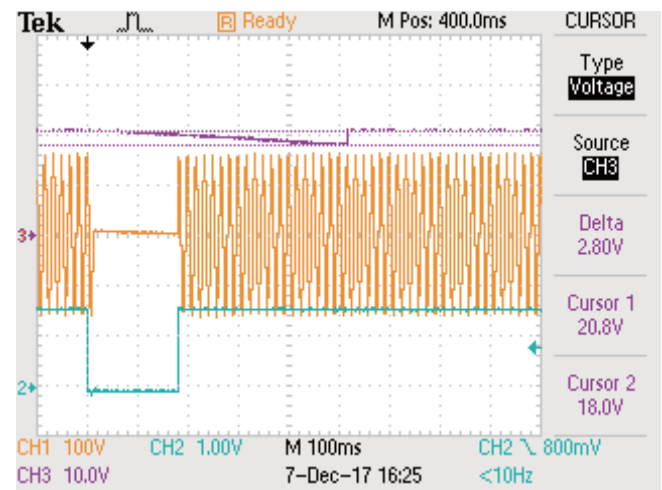
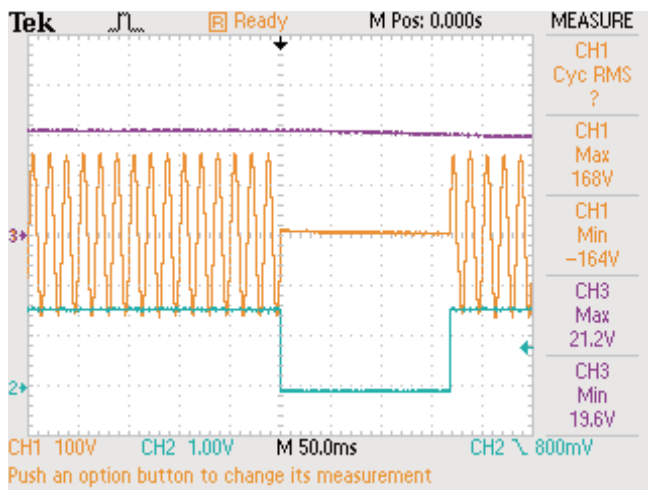
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 100% 0.5Cy le , 輸出符合規格



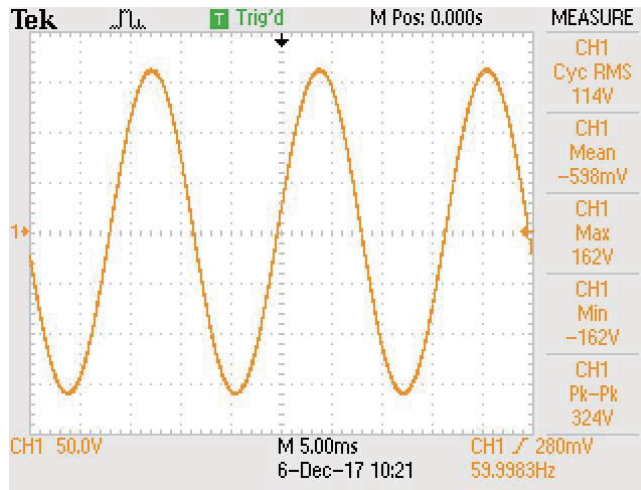
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 100% 1Cy le , 輸出符合規格



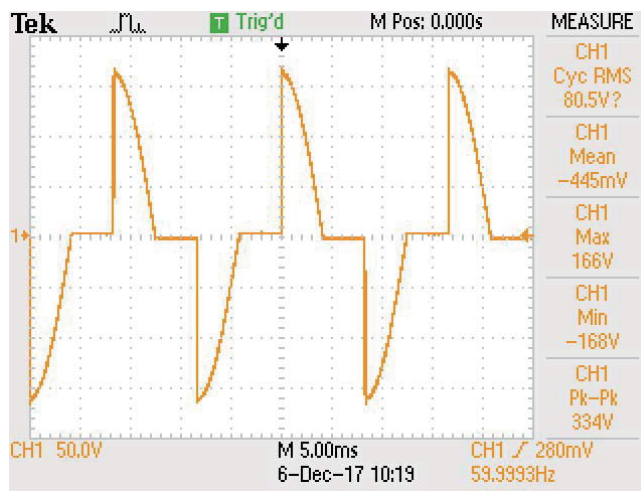
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 100% 5Cy le , 輸出符合規格



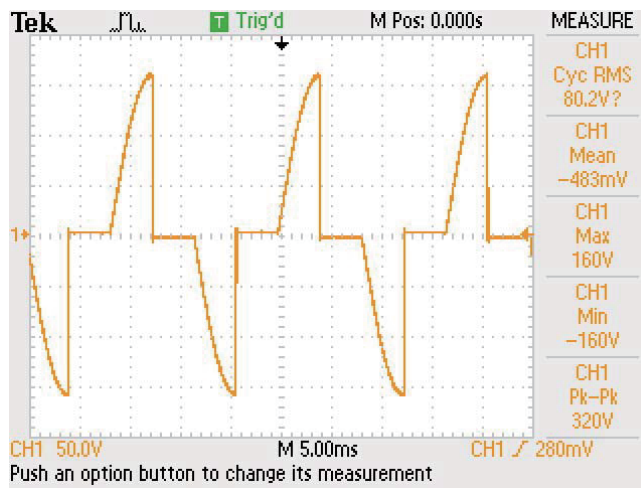
Channel 1 : AC output 、 Channel 2 : Voltage sag start 、 Channel 3 : DC output
Dip Voltage 100% 10Cy le , 輸出符合規格



AC output



TRIAC Leading mode <0 ~1 0 >



TRIAC Trailing mode <1 0 ~0 >

- 內建IEC61000-4-11規範，可模擬突波、陷波、瞬斷；僅需設定輸出電壓、頻率，即可完成IEC 61000-4-11試驗

AC Source							
MODEL : 5310							
Output Specification							
Power	Range	1KVAm _{max}					
	Type	Linear Amp					
Voltage	Range	150V	200V	300V	350V	450V	500V
	Resolution	0.1V	0.1V	0.1V	0.1V	0.1V	0.1V
	Accuracy	0.2%±0.2%F.S.					
Current	Range	7A	5A	3.5A	3A	2.3A	2A
Distortion	THD ≤ 0.5% (R load)						
Load Regulation	±0.5% ± 0.5V						
Frequency	Range	40.0 ~ 70Hz					
	Resolution	0.1Hz					
	Response Time	100uS					
Angle (ON / OFF)	Range	0~360°					
	Resolution	1°					
Triac Mode	Range	0~180°					
	Resolution	1°					
PQT (IEC61000-4-11)	Dip、Interrupt、Variation						
Protection	OCP, OTP, Short						
Meter Specification							
Voltage	Range	500V					
	Resolution	0.1V					
	Accuracy	± 0.5% OF (Reading + Range)					
Current	Range	7A					
	Resolution	0.001A					
	Accuracy	± 0.5% OF (Reading + Range)					
Watt	Range	1000W					
	Resolution	0.001W					
	Accuracy	± 0.5% OF (Reading + Range)					
Frequency	Range	40~70Hz					
	Resolution	0.1Hz					
	Accuracy	+/-0.4Hz					
PF	Range	+/-0.01~1.00					
	Resolution	0.01					
	Accuracy	Corresponds to V and A,1% of (Reading+Range)					
AC input Specification							
Voltage range	115Vac ± 10%			230 Vac ±10%			
Frequency range	47-63Hz						
Circuit Breaker	125/250Vac 20A						
Dimension	W440 / H88.9 / D577mm						
Weight	25.5kg						