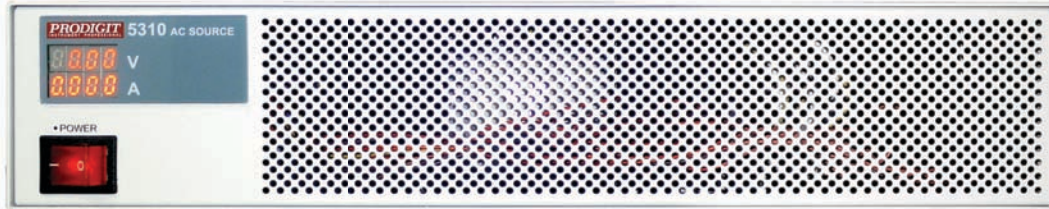


5310 AC Power Supply (0~500Vrms 1KVA)



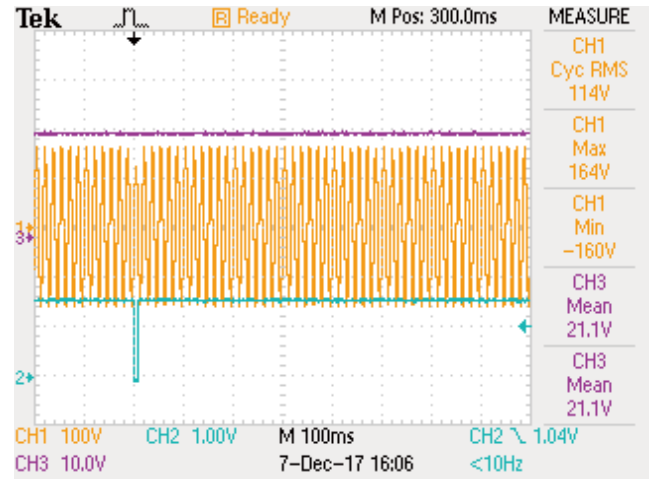
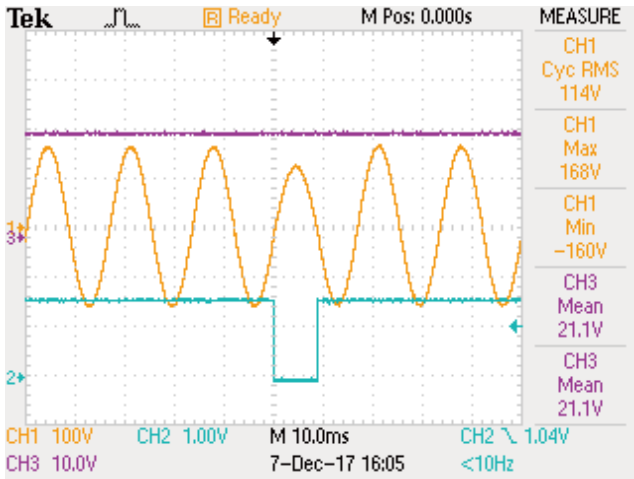
Feature

- Voltage output range : 0~500V
- Six ranges of Voltage output : 0~150V, 200V, 300V, 350V, 450V, and 500V
- Current output range : Maximum 7A
- Power output range : 0~1KVA
- Power ON / OFF angle control can be 0~360°
- Support USB PD Voltage Sag test
- Support simulate TRIAC (Leading or Trailing edge) power output
- Support IEC/EN 61000-4-11 Regulatory tests includes Voltage Dips 、 Voltage Short interruptions and voltage variations immunity tests
- Protection against I, W, Short and °C

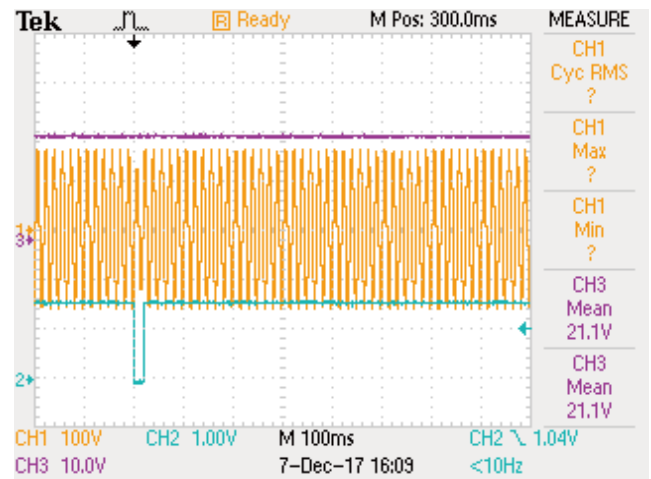
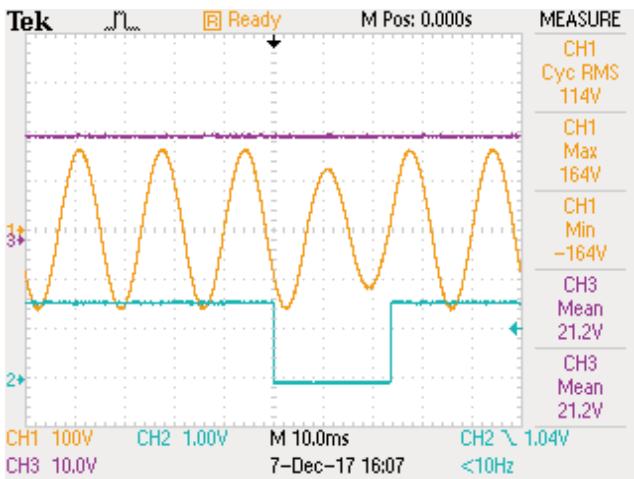
Description

- Voltage output has totally six ranges , maximum up to 500V , convenient for 300V above the voltage regulation test
- 0~360° Power ON / Power OFF angle control , making the unit under test Inrush Current or Hold-up Time measurement more convenient
- Built-in IEC61000-4-11 specification, can simulate the surge, trap, instantaneous off; just set the output voltage and frequency to complete the IEC 61000-4-11 test

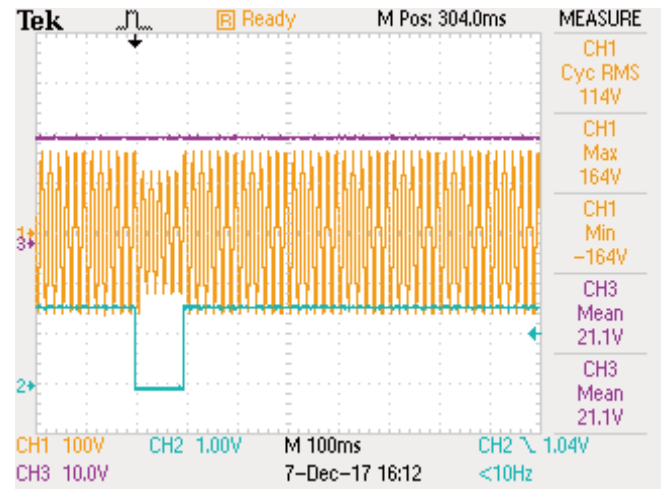
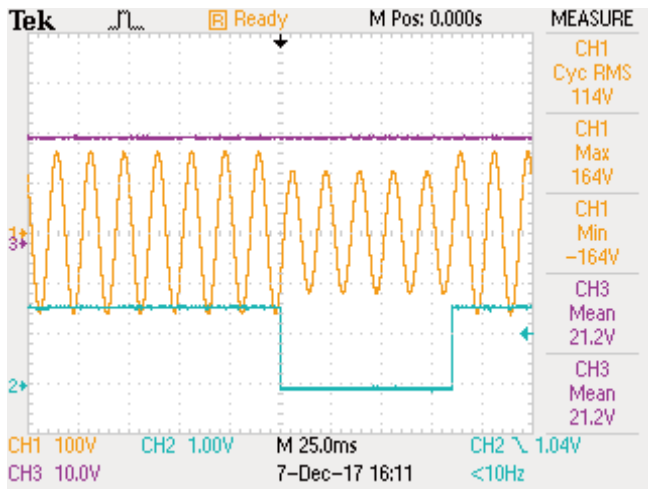
Duration times	Dip Voltage (Vin=110Vac/60Hz)			Dip Voltage (Vin=230Vac/50Hz)		
	25%	50%	100%	25%	50%	100%
0.5 cycle	S	S	S	S	S	S
1 cycle	S	S	S	S	S	S
5 cycle	S	R	R	S	R	R
10 cycle	S	R	R	S	R	R



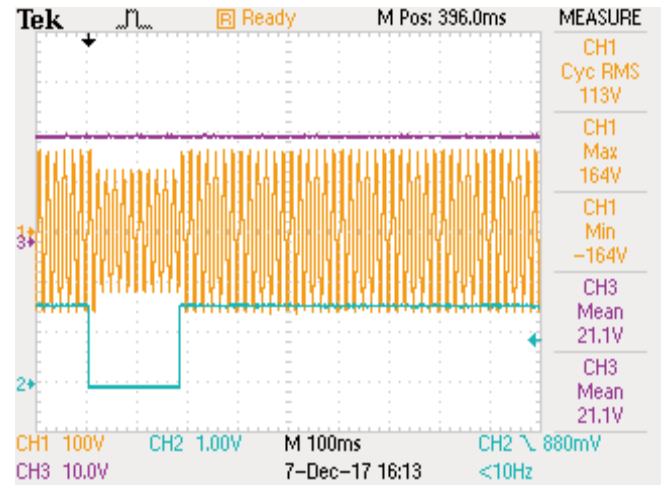
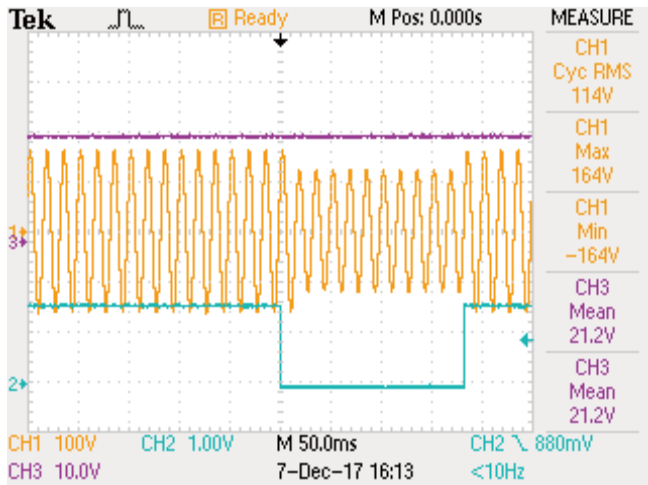
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
Dip Voltage 25% 0.5Cycle , output meets specifications



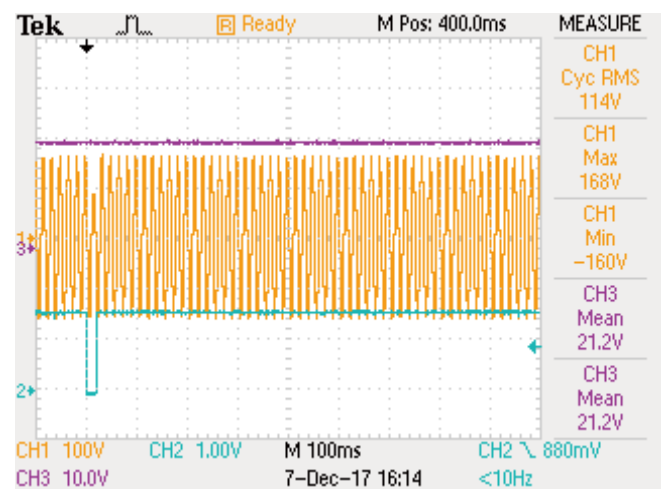
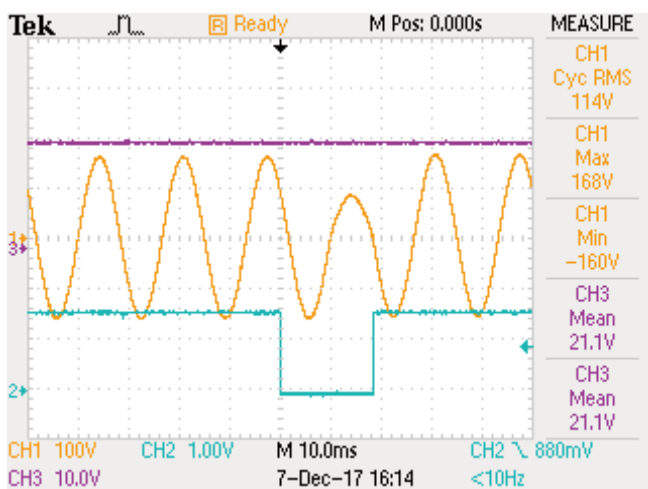
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
Dip Voltage 25% 1Cycle , output meets specifications



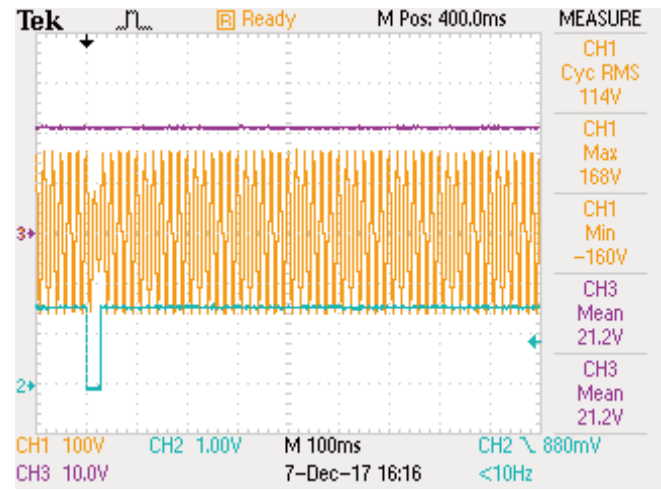
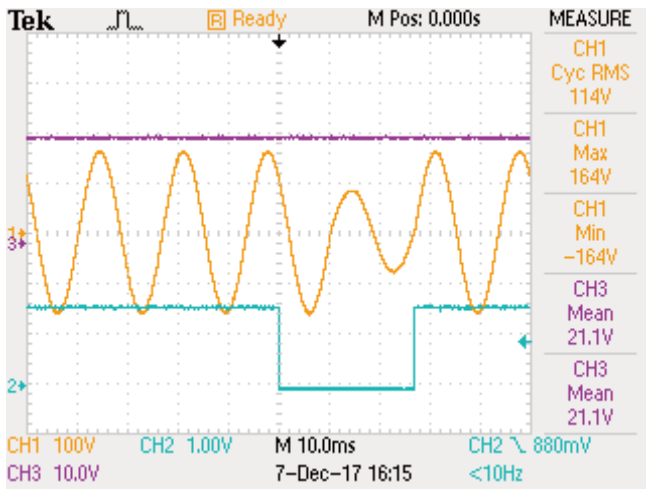
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
 Dip Voltage 25% 5Cycle , output meets specifications



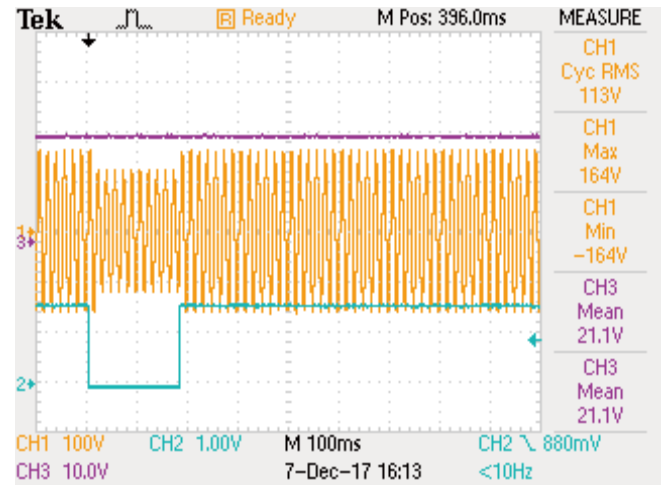
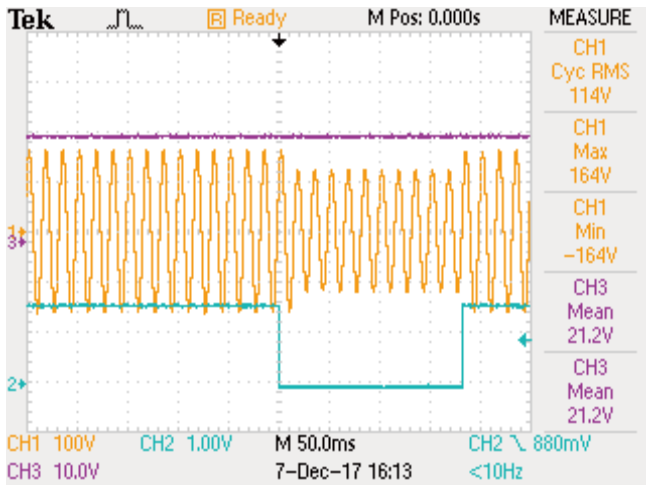
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
 Dip Voltage 25% 10Cycle , output meets specifications



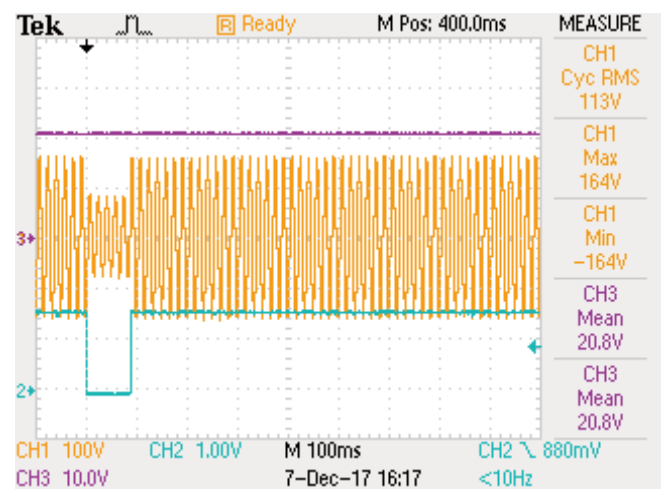
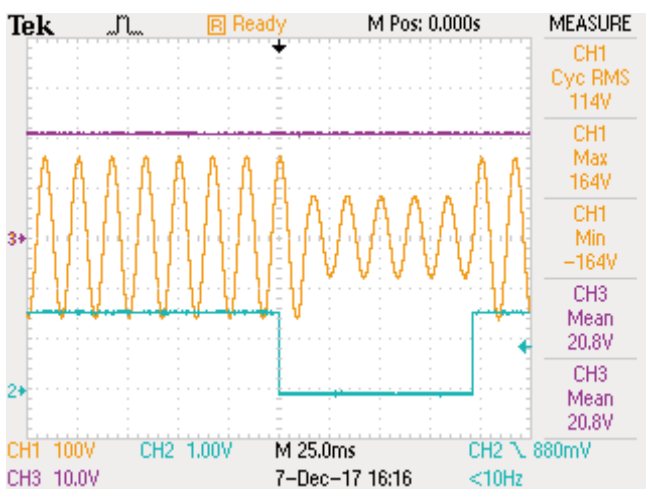
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
 Dip Voltage 50% 0.5Cycle , output meets specifications



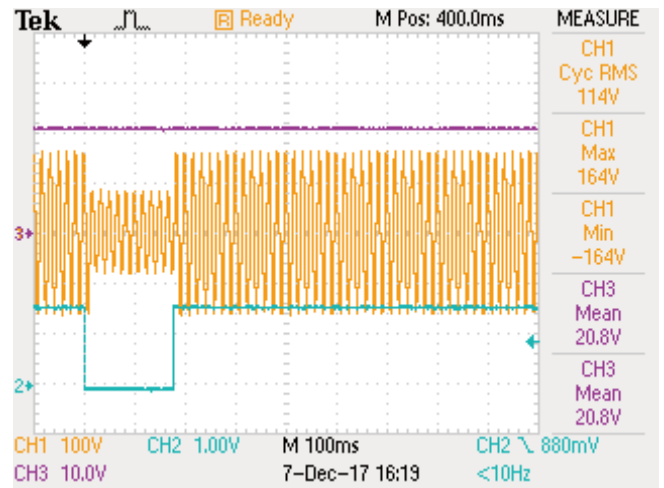
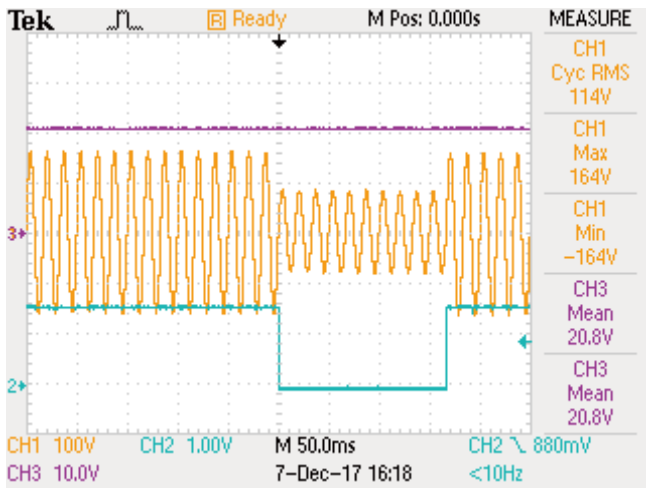
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
Dip Voltage 50% 1Cycle , output meets specifications



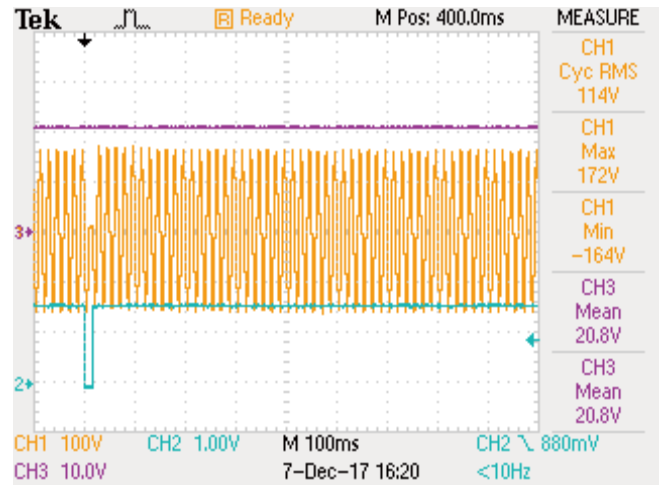
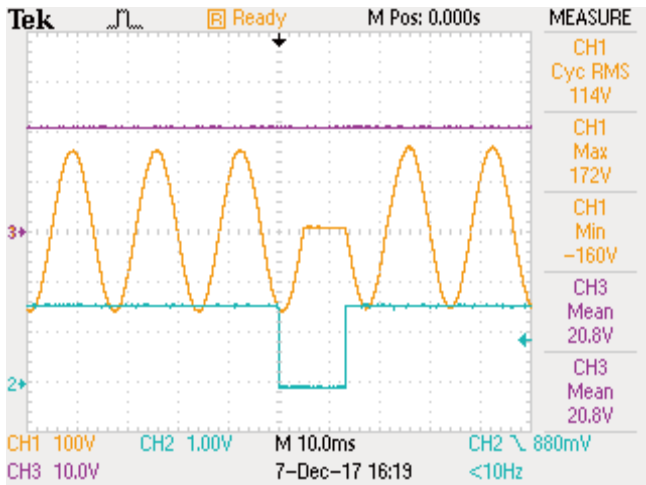
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
Dip Voltage 25% 10Cycle , output meets specifications



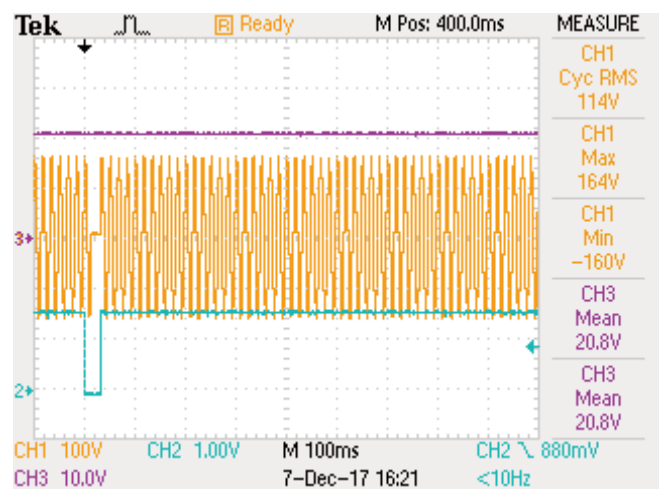
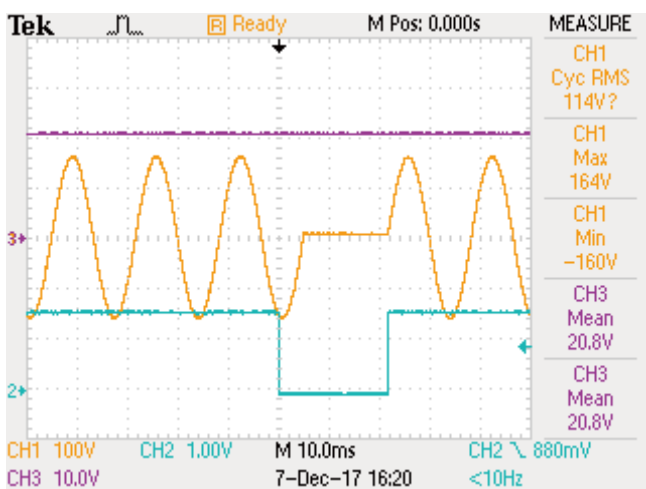
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
Dip Voltage 50% 5Cycle , output meets specifications



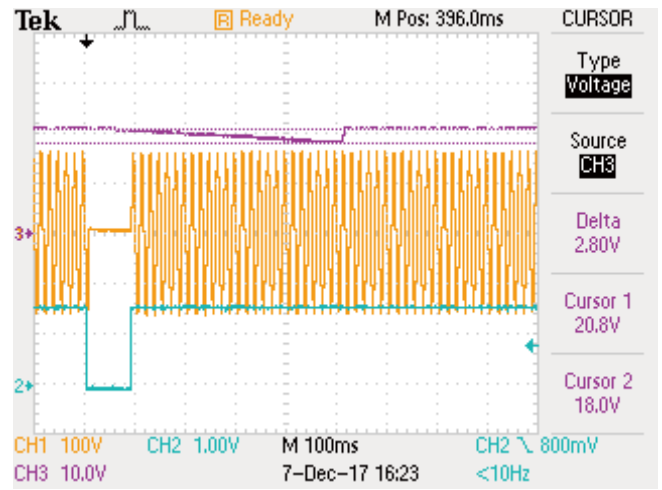
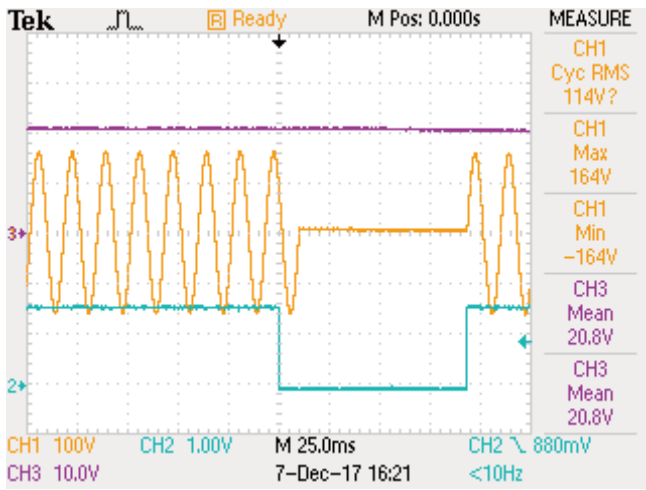
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
Dip Voltage 50% 10Cycle , output meets specifications



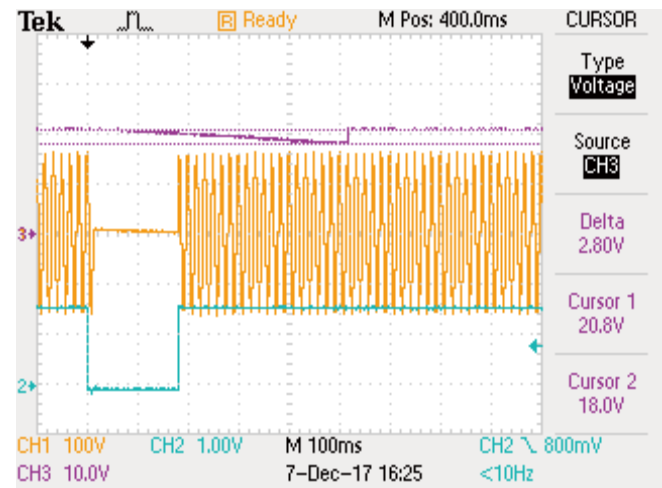
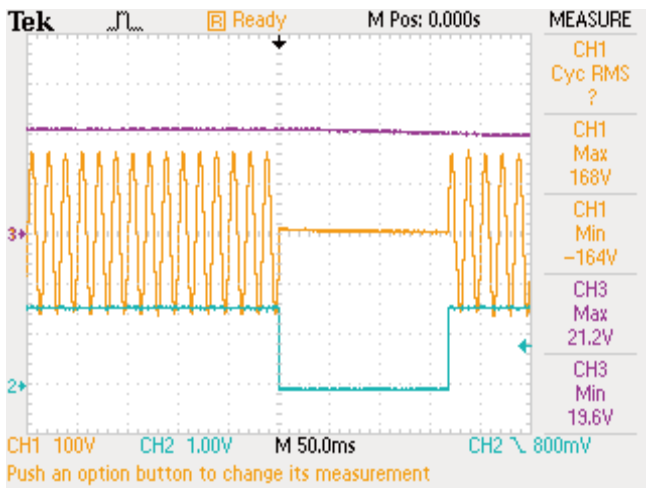
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
Dip Voltage 100% 0.5Cycle , output meets specifications



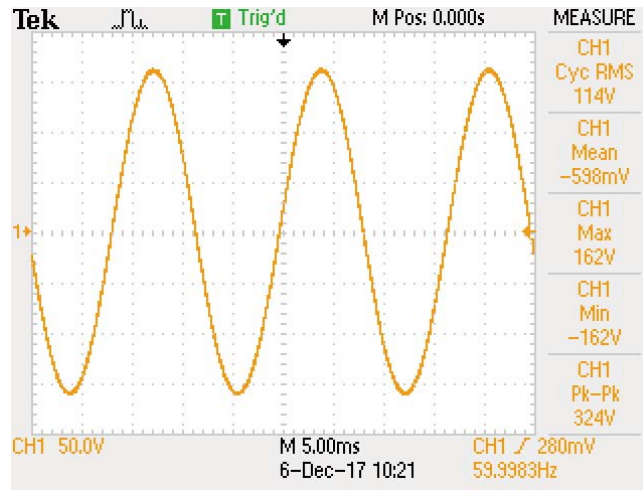
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
Dip Voltage 100% 1Cycle , output meets specifications



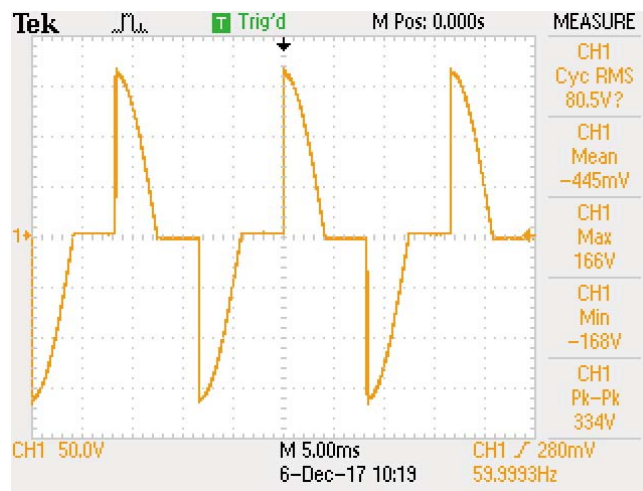
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
 Dip Voltage 100% 5Cycle , output meets specifications



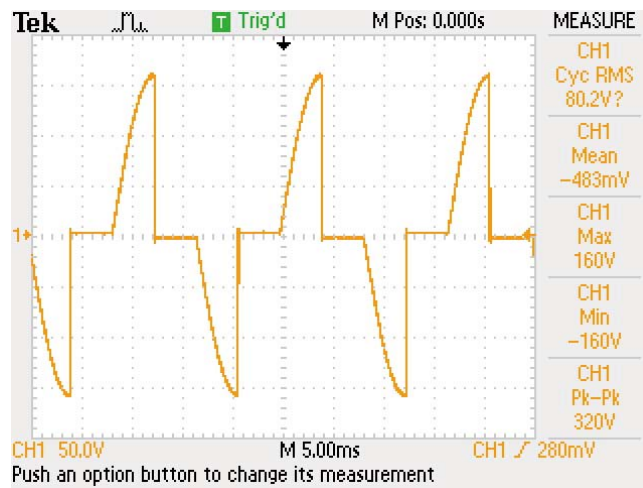
Channel 1 : AC output \ Channel 2 : Voltage sag start \ Channel 3 : DC output
 Dip Voltage 100% 10Cycle , output meets specifications



AC Output



TRIAC Leading mode $\langle 0^\circ \sim 180^\circ \rangle$



TRIAC Trailing mode $\langle 180^\circ \sim 0^\circ \rangle$

- Built-in IEC61000-4-11 specification, can simulate the surge, trap, instantaneous off; just set the output voltage and frequency to complete the IEC 61000-4-11 test

AC Source

MODEL : 5310

Output Specification

Power	Range	1KVAmx					
	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						