



# APS5000A Tri-phase High Power Programmable AC

## Power Source

- Advanced direct digital frequency synthesizer(DDS) waveform generation technology, high frequency stability, good continuity
- Measurement precision is high, suitable for current half-sinusoid and its similar waveforms with DC component measurement
- Provide embedded intelligent PC monitoring system
- Adjustable output voltage from 0 to 150V, 0 to 300V, step distance 0.1V
- Output frequency 45-120Hz(40-500Hz optional), step distance 0.1 Hz
- Output current limiting function
- With 9 sets of memory, you can store commonly used parameters for easy invocation when using them
- With RS232C communication interface [IEEE488.0(GPIB)optional] , instruction execution times is less than 10mS
- Protection mode: over voltage, over current, overload, short circuit,current limit, ect
- Provide RMS voltage, RMS current, active power, frequency, power factor, ect
- For 100% load removal, voltage stabilizing reaction time within 20ms, strong overload capacity, instantaneous
- current can with stand 3 times of rated current
- Voltage, frequency, time, digital key input, high precision
- The machine can set 30 sets of different voltage,frequency, rising thme and running time at one time, and can test continuously for 999999 times.

Single-phase series						
model	APS-5010A	APS-5015A	APS-5020A	APS-5030A	APS-5050A	APS-5050A
Output capacity	10KVA	15KVA	20KVA	30KVA	50KVA	100KVA
Operating mode	SPWM					
input power	1 $\phi$ 2W 220V $\pm$ 10%	3 $\phi$ 4W 220V $\pm$ 10%				

Output frequency	45 ~ 200Hz (40 ~ 500Hz 10Hz ~ 1000Hz Need to be customized), 0.01Step					
Frequency stability	0.01%					
The output voltage	0 ~ 150VAC / 0 ~ 300VAC AUTO					
Output current	84A / 42A	125A / 62.5A	168A / 84A	250A / 125A	420A / 210A	840A / 480A
Load regulation	1%					
Total waveform distortion	2% (pure resistive load)					
display	Vrms, Arms, Fre, Wattage, PF					
protective device	Overvoltage, overcurrent, overload, short circuit					
Operating environment	0 ~ 40 ° C 20 ~ 80% RH					
size	430 * 700 * 550mm			550 * 700 * 700mm	700 * 1350 * 1418mm	
weight	80	120	150	250	400	600
<b>Three-phase series</b>						
model	APS-5315A	APS-5320A	APS-5330A	APS-5360A	APS-53100A	APS-53150A
Output capacity	15KVA	20KVA	30KVA	60KVA	100KVA	150KVA
Operating mode	SPWM					
input power	3 $\phi$ 4W 380V $\pm$ 10%					
Output frequency	45 ~ 200Hz (40 ~ 500Hz 10Hz ~ 1000Hz Need to be customized), 0.01Step					

Frequency stability	0.01%					
The output voltage	0 ~ 150VAC / 0 ~ 300VAC AUTO					
Output current	42A / 21A	56A / 28A	84A / 42A	168A / 84A	278A / 139A	420A / 210A
Load regulation	1%					
Total waveform distortion	2% (pure resistive load)					
display	Vrms, Arms, Fre, Wattage, PF					
protective device	Overvoltage, overcurrent, overload, short circuit					
Operating environment	0 ~ 40 ° C 20 ~ 80% RH					
size	430 * 700 * 700mm	610 * 1030 * 1050mm		700 * 1350 * 1400mm		900 * 1730 * 161mm
weight	80	120	150	250	400	600