

# Storage AC Power Source

## APS-4000 Series



- The advanced direct digital frequency synthesizer (DDS) waveform is used to achieve high frequency stability, good continuity and accurate measurement
- Keyboard shortcuts: 110V, 220V, 50Hz, 60Hz shortcuts self-assembly
- Key LOCK function prevents inadvertent touch
- With key lock M1, M2, M3, M4 and M5 five sets of memory, can store the commonly used voltage V and frequency F, easy to recall them by one key
- Push-down infinite coding knob switch, adjusting cursor position by pressing the knob.
- Four window five digit display, display voltage V, frequency F, current I, power P, power factor PF simultaneously, and more accurate.
- Measuring function: voltage, current, frequency, power, power factor
- Strong overload capacity, 300% overload 2s;
- Intelligent analyzing function: automatically judge the cause of failure and situation, as well as display the code when alarming is reported;
- Equipped with 100% load and unload function, the voltage stabilizing reaction time is within 20ms
- Output voltage 0-150.00V、0-300.00V
- Input frequency 45.00-250.00Hz
- Input and output are isolated
- Has soft start function to avoid the damage to power supply caused by the instantaneous impulse current of the load (such as motor) when power on.

Model	APS-4000A	APS-4000B	APS-4000C	
Capacity	350VA	700VA	1200VA	
Working mode	SPWM			
The input				
Number of phase	1Φ2W			
Voltage	220V±10%			
Frequency	45Hz-250Hz			
The output				
Number of phase	1Φ2W			
Voltage	0-150VAC/0-300VAC AUTO			
Frequency	45-250Hz (0.1Step)			
Maximum current	L=120V	3A	6A	10A
	H=240V	1.5A	3A	5A
Load regulation	1%			
T.H.D	2% Low grade 120V, high grade 240V, with pure resistive load			
Frequency stability	0.01%			
Display	Vrms、Arms、Fre、Wattage、PF			
Voltage resolution	0.01V			
Frequency resolution	0.01Hz			
Current resolution	0.001A			
Storage	M1(V_F_A)、M2(V_F_A)、M3(V_F_A)			
Communication interface	RS-232C			
Set the current limit	0-MaxCurrent(P/240 Maximum current is: maximum capacity /240V is P/240)			
The output protection	OverCurrent	OverTemp	OverLoad	ShortCircuit
Operation environment	0-40℃ 20-80%RH			
Net weight (kg)	12.7	15	18.5	
Gross weight (kg)	14.5	16.7	20	
Instrument size (W*H*D)	365*150*430	365*150*430	365*150*430	
Packing size (W*H*D)	510*255*550	510*255*550	510*255*550	