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 quick switch
- 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 simulta neously, and more accurate.

- Measuring function: voltage, current, frequency, power, power factor
- Strong overload capacity, 300% overload 2s;
- Intelligent alarming 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