



APS-4000A/APS-4000B/APS-4000C

Storage AC Power Source

- 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 stabilizingreaction 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
Operating mode		SPWM (Sinusoidal Pulse Width Modulation)		
Input				
Phase		1 ϕ 2W		
Voltage		220V \pm 10%		
frequency		45-250Hz (0.01step)		
Output				
Phase		1 Φ 2W		
Voltage		0 ~ 150VAC / 0 ~ 300VAC AUTO		
frequency		45 ~ 250Hz (0.01step)		
Maximum current	L = 120V	3A	6A	10A
	H = 240V	1.5A	3A	5A

Load regulation		1%		
Waveform distortion		2% (low-end 120V, high-end 240V, with pure resistance load)		
Frequency stability		0.01%		
display		Voltage / current / frequency / power / power factor		
Voltage resolution		0.01V		
Frequency resolution		0.01Hz		
Current resolution		0.001A		
storage		M1 ~ M5 (V_F_A)		
Test accuracy	Voltage	$\pm 0.5\% \text{ FS} + 5\text{dgt}$		
	Electric current	$\pm 0.5\% \text{ FS} + 5\text{dgt}$		
	frequency	$\pm 0.01\% \text{ FS} + 5\text{dgt}$		
	power	$\pm 0.5\% \text{ FS} + 5\text{dgt}$		
Setting accuracy	Voltage	$\pm 1\% \text{ FS}$		
	frequency	$\pm 0.1\% \text{ FS}$		
Current limit setting		0 ~ Max Current (The maximum current is: maximum capacity / 240V or P / 240)		
Output protection		Overcurrent, overtemperature, overload, short circuit		
Operating environment		0 ~ 40 ° C ≤80% RH		
Bare metal size	mm	365 * 150 * 430	365 * 150 * 430	365 * 150 * 430
Packing size	mm	510 * 255 * 550	510 * 255 * 550	510 * 255 * 550
net weight	kg	12.7	15	18.5
Gross weight	kg	14.5	16.7	20

