

## Storage AC Power Source

- The advanced direct digital frequency synthesizer (DDS) waveform is used to achieve high frequency stability, good continuity and accurate measurements
- 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, just adjust 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 accurately
- Measuring functions: Voltage, Current, Frequency, Power, Power Factor
- Strong overload capacity: 300% overload 2s
- Intelligent analysing function: automatically judges the cause of failure and situation, as well as displays the code with alarm
- Equipped with 100% load and unload function, the voltage stabilising 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 damage to power supply caused by instantaneous impulse current of the load (such as motor) when powering on



Model	APS-4002	APS-4003	APS-4005
capacity	350VA	700VA	1200VA
Operating mode	SPWM (Sinusoidal Pulse Width Modulation)		
Input			
Phase	1φ2W		
Voltage	220V ± 10%		
Frequency	45-250Hz (0.01step)		

\*Technical Specifications & Appearance are subject to change without prior notice

Output	APS-4002		APS-4003	APS-4005
Phase	1Φ2W			
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	± 0.5% FS + 5dgt		
	Electric Current	± 0.5% FS + 5dgt		
	Frequency	± 0.01% FS + 5dgt		
	Power	± 0.5% FS + 5dgt		
Setting Accuracy	Voltage	± 1% FS		
	Frequency	± 0.1% FS		
Current Limit Setting	0 ~ Max Current (The maximum current is: maximum capacity / 240V or P / 240)			
Output Protection	Overcurrent, Over Temperature, 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



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