

Programmable AC Power Source

APS-8000 Series



- Lock key, shortcut key input, knob operation
- Single phase output 500VA-5kVA: Customization is supported for specifications above 5KVA
- Adjustable voltage and frequency in output state: can also be pre-set and called
- Equipped with power-off memory function, automatically remembering the last output parameters
- Overcurrent, overload, over temperature, and input undervolt age protection
- Can be set to store 30 sets of programming parameters and 9999 cycles of testing
- Strong impact resistance, can easily drive motors, compressors, and other equivalent power impact loads

Standard RS-232 Synchronous signal output

Optional RS485

Model	APS-8050	APS-8100	APS-8200	APS-8300	APS-8500	
Capacity	500VA	1KVA	2KVA	3KVA	5KVA	
Input specification						
Number of phases	1φ2W+PE					
Voltage	220V±10% (other input voltages will be notified separately)					
Frequency	50/60Hz±5%					
Output specifications						
Number of phases	1φ2W+PE					
Maximum current	0-150v range	4.2A	8.4A	16.8A	25A	42A
	0-300v range	2.1A	4.2A	8.4A	12.5A	21A
Voltage	Low-end (L-N)	0-150V continuously adjustable (0-300V optional)				
	Top grade (L-N)	0-300V continuously adjustable (0-600V optional)				
Transient recovery time	5ms					
Frequency	45~500Hz continuously adjustable					
Degree of distortion (THD)	≤0.3% (resistive load)					
Source effect	≤0.1%					
Load effect	≤0.5% (resistive load)					
Frequency stability	≤0.01%					
Productiveness	≥75% (full load)					
Protect	Overcurrent protection, short circuit protection, overtemperature protection, overload protection, undervoltage protection, low voltage protection, alarm device					
Overload capacity	100%<output ≤110%27min cut output; 110%<output ≤130%10s cut output; 130%<output ≤ 150%5s cut off the output; 150%<output immediately cut off the output.					
Measurement function	Current(RMS)	Resolution: 1mA/10mA or 10mA/100mA				
	Voltage (RMS)	Resolution: 0.1V				
	Frequency	Resolution: 0.01Hz/0.1Hz				
Work environment						
Working temperature	0°-40°C/32°-104°F					
Relative humidity	10-90%(non-condensable)					
Computer case size						
Volume (w×h×d) (mm)	480×192×595		480×285×630	430×490×650		
Weight (kg)	40	50	65	80	100	