Programmable AC Power Source

APS-7000 Series

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APS-7105/7100

APS-7200/7300

- 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 and M3 three sets of memory, can store the commonly used voltage V and frequency F, easy to recall them by one key
- Five display windows: voltage V, frequency F, current I, power P/power factor PF, display more accurately

- Overload capacity, 300% overload 2S
- Intelligent analysis function: automatically determine the cause of failure ,status and display the code when the alarm is reported
- With 100% loading and unloading, the stabilizing reaction time is within 20ms
- RS485, RS232, Ethernet communication interface or simulation control mode (optional)
- Adopt input and output isolation mode
- 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.

Standard RS232 ☑ Synchronous signal output ☑   Optional RS485 ☐

Model	APS-7105	APS-7100	APS-7200	APS-7300
Capacity	500VA	1KVA	2KVA	3KVA
Working mode	SPWM			
The input				
Number of phase	1Φ2W			
Voltage	220V±10%			
Frequency	47Hz-63Hz			
The output				
Number of phase	1Φ2W			
Voltage	0-150VAC/0-310VAC AUTO (0-600V Can be customized)			
Frequency	45-500Hz (0.1Step)			
Maximum current L=120V	4.2A	8.4A	16.8A	25A
Maximum current H=240V	2.1A	4.2A	8.4A	12.5A
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-232 standard, RS485 optional			
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			
Instrument size (W*H*D)	430*135*515	430*135*515	480*225*535	480*225*535
Packing size (W*H*D)	575*255*645	575*255*645	640*330*652	640*330*652
Net weight (kg)	20.6	20.6	30.5	33.3
Gross weight (kg)	23.1	23.1	33.5	36.3