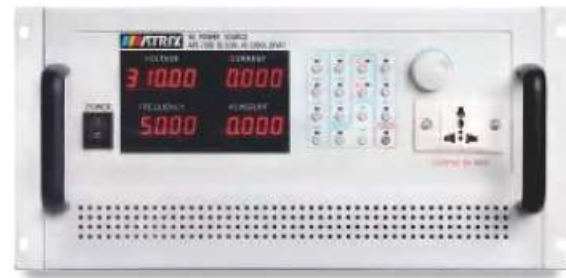


# Programmable AC Power Source

## APS-7000 Series



APS-7105/7100



APS-7200/7300/7500

- 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.

Model	APS-7105	APS-7100	APS-7200	APS-7300	APS-7500	APS-7110	
Capacity	500VA	1KVA	2KVA	3KVA	5KVA	10KVA	
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	42A	84A
	H=240V	2.1A	4.2A	8.4A	12.5A	21A	42A
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						
Net weight (kg)	20.6	20.6	30.5	33.3	48	80	
Gross weight (kg)	23.1	23.1	33.2	36	50.8	-	
Instrument size (W*H*D)	480*135*515	480*135*515	480*225*535	480*225*535	480*240*590	430*590*810	
Packing size (W*H*D)	575*255*645	575*255*645	575*255*645	575*255*645	575*255*645	-	