

APS-7000 Specifications

The specifications apply when the APS-7000 is powered on for at least 30 minutes under +20°C~+30°C.

Model		APS-7050		APS-7100	
Maximum Output Capacity					
Power Rating		500VA		1kVA	
Output Voltage Setting					
Range		0~155Vrms, 0~310Vrms, 0~600Vrms (APS-003), Auto			
Output Maximum Current					
Range		4.2A/2.1A/1.05A (APS-003)		8.4A/4.2A/2.1A (APS-003)	
OutputMaximumPeak Current					
Range		16.8A/8.4A/4.2A (APS-003)		33.6A/16.8A/8.4A (APS-003)	
Output Frequency Setting					
Range		45.0~500Hz	45~999.9Hz(APS-004)	45.0~500Hz	45~999.9Hz(APS-004)
Resolution		0.01Hz(45.0~99.99Hz) 0.1Hz(100.0~500.0Hz)	0.01Hz(45.0~99.99Hz) 0.1Hz(100.0~999.9Hz)	0.01Hz(45.0~99.99Hz) 0.1Hz(100.0~500.0Hz)	0.01Hz(45.0~99.99Hz) 0.1Hz(100.0~999.9Hz)
Setting Accuracy		±(0.02% of setting)			
Waveform					
Total harmonic distortion		≤ 0.5% at 45~500Hz (Resistive load)			
Voltage Regulation					
Line Regulation		0.1% of full scale			
Load Regulation		0.5% of full scale			
Measurement					
Frequency	Range	45~ 500Hz			
	Resolution	0.01Hz (45.0~99.99Hz) 0.1Hz (100.0~500.0Hz)			
	Accuracy	±0.1Hz			
With APS-004 Option	Range	45~ 999.9Hz			
	Resolution	0.01Hz (45.0~99.99Hz) 0.1Hz (100.0~999.9Hz)			
	Accuracy	±0.02% of setting			
Voltage (r.m.s)	Range	0.2~38.75 Vrms 38.76~77.5 Vrms 77.51~155.0 Vrms 155.1~310.0 Vrms			
	Resolution	0.01V at 0.00~99.99 Vrms 0.1V at 100.0~310.0 Vrms			
	Accuracy	±(0.5% of reading+ 2counts)			
With	Range	0.2~600Vrms			

APS-003 Option	Resolution	0.01V at 0.00~99.99 Vrms 0.1V at 100.0~600.0 Vrms	
	Accuracy	±(0.5% of setting+ 2counts)	
Current (r.m.s)	Range	2.00~70.00mA 60.0~350.0mA 0.300~3.500A 3.00~17.50A	
	Resolution	0.01mA 0.1mA 0.001A 0.01A	
	Accuracy	±(0.6% of reading+5 counts), 2.00~350.0mA ±(0.5% of reading+5 counts), 0.350~3.5A ±(0.5% of reading+3 counts), 3.500~17.5A	
Power (W)	Resolution	0.01W 0.1W 1W	
	Accuracy	±(0.6% of reading+5 counts), 0.2~99.99W ±(0.6% of reading+5 counts), 100.0~999.9W ±(0.6% of reading+2 counts), 1000~9999W	
Power Factor	Resolution	0.001	
	Accuracy	±(2% reading+ 2 counts)	
Crest Factor	Range	0.00~50.00	
	Resolution	0.01	
General			
Remote Output Signal		Pass, Fail, Test-in Process, Trigger in, Trigger out ,Out ON/OFF	
Sync Signal Socket		Output Signal 10V, BNC type	
Interface		USB Host, LAN Option : GPIB (APS-001) ; RS232/USB CDC (APS-002)	
Output Mode			
Memory		10 (0~9 numeric keys)	
AC Input		115/230 Vac±15%	
Others			
Phase		Single Phase, Two wire (1P2W)	
Protection		OCP, OPP, OHP and Alarm	
Dimension (W*H*D) & Weight		430x88x400, 24Kg	430x88x560, 38Kg