

Specifications of APS-7000 series

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)		
Output MaximumPeak 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)	0.01Hz(45.0~ 99.99Hz)	0.01Hz(45.0~ 99.99Hz)	0.01Hz(45.0~ 99.99Hz)	
	0.1Hz(100.0~ 500.0Hz)	0.1Hz(100.0~ 999.9Hz)	0.1Hz(100.0~ 500.0Hz)	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 APS- 003 Option	Range	0.2~600Vrms
	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	Pass, Fail, Test-in Process, Trigger in, Trigger out ,Out	

Output Signal	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