

APS-7000E Specifications

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

Model		APS-7050E	APS-7100E
Maximum Output Capacity			
Power Rating		500VA	1kVA
Output Voltage Setting			
Range		0~155Vrms, 0~310Vrms, Auto	
Output Maximum Current			
Range		4.2A/2.1A	8.4A/4.2A
Output Maximum Peak Current			
Range		16.8A/8.4A	33.6A/16.8A
Output Frequency Setting			
Range		45.0~500Hz	45.0~500Hz
Resolution		0.01Hz(45.0~99.99Hz) 0.1Hz(100.0~500.0Hz)	0.01Hz(45.0~99.99Hz) 0.1Hz(100.0~500.0Hz)
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	
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)	
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)	
Memory			

Memory	10 (0~9 numeric keys)	
Others		
AC Input	115/230 Vac±15%	
Phase	Single Phase, Two wire (1P2W)	
Protection	OCP, OPP, OHP and Alarm	
Dimension (W*H*D) & Weight	430x88x400,24Kg	430x88x560,38Kg