

APS-1102A Specifications

The specifications apply when the APS-1102A is powered on for at least 30 minutes under +20°C~+30°C.

MODEL	APS-1102A(AC + DC)		
Maximum Output Capacity			
AC (Input)	750VA (100 ~ 180V)		
	1000VA (180 ~ 250V)		
DC (Input)	750W (100 ~ 180V)		
	1000W (180 ~ 250V)		
Output Voltage			
AC	0.0V ~ 155.0Vrms (100V)		
	0.0V ~ 310.0Vrms (200V)		
DC	"-220.0V ~ +220.0V (100V)		
	"-440.0V ~ +440.0V (200V)		
Output Max. Current			
AC	10A (100V)		
	5A (200V)		
DC	10A (100V)		
	5A (200V)		
Output Maximum Peak Current			
Output Maximum Peak Current	40Apk (100V)		
	20Apk (200V)		
Frequency			
Setting Range	1.0Hz ~ 550.0Hz		
Setting Accuracy	±100ppm(23±5℃)		
Waveform			
Output Voltage Distortion	0.5% MAX(50Hz / 60Hz)		
Line Voltage Regulation			
	0.2% Maximum,Power input voltage 100V /120V/230V , no load, rated output		
Load Voltage Regulation			
	0.5% Maximum,At output terminal under no load and rated resistance load		
Measurement			
	Range(AC+DC)	Resolution	Accuracy(AC+DC), At DC 40~550Hz
Frequency Counter	1.0Hz ~ 550.0Hz	0.1 Hz	±100ppm(1Hz ~ 500Hz, 23±5℃)
RMS Voltage-Meter	Full Scale 100V : 250.0Vrms	0.1Vrms	±0.7% of rdg+0.9Vrms (at 23±5℃)
	Full Scale 200V : 500.0Vrms	0.1Vrms	±0.7% of rdg+1.8Vrms (at 23±5℃)
RMS Amp-Meter	Full Scale 15.00Arms	0.01Arms	±0.7% of rdg+0.08Arms (at 23±5℃)
Wattage Meter	Full Scale 1200W	1W	±3% of rdg+12W (at 23±5℃)
Load Power Factor	0.00 ~ 1.0	0.01	N/A
Load Crest Factor	0.00 ~ 50.00	0.01	N/A

Frequency Measurement	38.0 ~ 525.0Hz	0.1Hz	±0.2Hz(at 23±5℃)
phase When Output Is On	0.0 ~ 359.9	0.1	N/A
External Signal Input			
Gain Setting Range	100V range 0 ~ 220 times	0.1	±5%(DC or 45Hz to 65Hz)
	200V range 0 ~ 440 times	0.1	±5%(DC or 45Hz to 65Hz)
Output Mode	ACINT Mode : AC+DC-INT Mode AC - ADD Mode AC+DC - ADD Mode AC-EXT Mode : AC+DC-EXT Mode AC - SYNC Mode AC+DC - SYNC Mode		
Memory	Save / Recall 30 sets		
Power Source	AC100V ~ 230V ± 10% ; 50Hz / 60Hz±2Hz		
Power Consumption / Factor	1.4kVA max / 0.95min (AC100V) ; 0.9min(AC200V)		
Interface	USB & RS232 Standard		
Dimension(WxHxD) & weight	258 x 176 x 440; Approx. 9.7kg		