

A.C. POWER SOURCE



APS-9301/9501



APS-9102

FEATURES

- * True RMS Meter
- * Wide Range Variable Output Voltage/Frequency
- * 4 Sets of " Save/Recall " Voltage/Frequency Memory
- * Stable and Low-Distortion Output Waveforms
- * Software Calibration to Ensure Accuracy
- * Panel-Lock Function to Prevent Accidental Wrong-Operation
- * Over Current Protection and Over Temperature Protection
- * Frequency, Volts, Amps, Watts and Power Factor Display

The APS Series is dual output, 300 to 1000VA, linear AC power supply. OCP and OTP protect APS and loads from unexpected conditions. High accuracy and low distortion are maintained at true RMS and less than 0.5% THD, respectively. Panel lock feature preventing improper use and three LED displays showing frequency/voltage/current simultaneously provide comfortable operation. Configuration is simplified with output setting store/recall function. Software calibration feature reduce maintenance overhead. The APS Series is suitable for middle size laboratory and production test applications requiring high accuracy and security.

SPECIFICATIONS			
TYPE	APS-9301	APS-9501	APS-9102
OUTPUT CAPACITY	300 VA	500 VA	1k VA
OUTPUT VOLTAGE	0.0~300.0 VAC, 0.1V/step. (110,220V selectable)		
OUTPUT MAX. CURRENT			
0~150V	2.6 Arms	4.2 Arms	8.4 Arms
0~300V	1.3 Arms	2.1 Arms	4.2 Arms
FREQUENCY	45.0~500.0Hz (50Hz, 60Hz selectable) 0.1Hz/step(45.0~100.0Hz), 1Hz/step(100.0~500.0Hz)		
WAVEFORM	Sine Wave, $\leq 0.5\%$ THD (resistance load)		
LINE VOLTAGE REGULATION	$<0.1\%$		
LOAD REGULATION	$\pm 0.5\% + 0.1V$		
SAVE/RECALL	4 settings, Save/Recall operated by hand		
PROTECTION	Short-circuit protection, panel- lock, Over-high temperature protection, current overflow		
MEASUREMENT	Range	Resolution	Accuracy
Frequency Counter	0.0~999.9Hz	0.1Hz	$\pm 0.1\text{Hz}$
RMS Volt-Meter	0.0~380.0V	0.1V	$\pm (1\%rdg + 0.1V)$
RMS Amp-Meter	0.000~2.000A	1.0mA	$\pm (1\%rdg + 5mA)$
	1.80~35.00A	0.01A	$\pm (1\%rdg + 20mA)$
Wattage Meter	0.0~360.0W	0.1W	$\pm (1.5\%rdg + 0.5W)$
	320.0~3500.0W	1.0W	$\pm (1.5\%rdg + 1W)$
Power Factor Meter	0.000~1.000	0.001	$\pm 2\%rdg + 0.002$
POWER SOURCE	115V/230V $\pm 15\%$, 47~63Hz, single phase		
OPERATION TEMPERATURE/HUMIDITY	0°C~+40°C; <80% (non-concreting)		
ACCESSORIES	User Manual x 1 , Power Cord x 1		
DIMENSION	430(W) x 137(H) x 500(D)mm		430(W)x225(H x500(D)mm
WEIGHT	Approx. 20kg	Approx. 25kg	Approx. 35kg

ORDERING INFORMATION

APS-9102 1000VA A.C. Power Source
 APS-9501 500VA A.C. Power Source
 APS-9301 300VA A.C. Power Source