

A.C. POWER SOURCE



APS-9301/9501



APS-9102

FEATURES

- * True RMS Meter
- * Wide Output Voltage/Frequency Variable Range
- * Saves/Recalls 4 Sets of Voltage/Frequency Memory
- * Stable and Low-Distortion Output Waveforms
- * Software Calibration to Ensure Accuracy
- * Panel-Lock Function to Prevent Operation Error
- * Over Current Protection and Over Temperature Protection
- * Frequency, Volt, Amp, Watt and Power Factor Display

Rear Panel



APS-9501



APS-9102

The APS-Series are dual output, 300 to 1000VA linear AC power supplies. To protect the APS-Series and loads from unexpected conditions, over current, over temperature and short-circuit protection are standard. High accuracy and low distortion are maintained at true RMS and < 0.5% THD, respectively. The key lock feature prevents tampering and the three separate LED displays simultaneously show frequency, voltage and current to enable easy operation. Configuration is simplified with the store/recall functions for output settings. Software calibration reduces maintenance overhead. The APS-Series are suitable for medium-sized laboratories 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, 0 ~ 150V the above 22V≤0.5% THD (resistance load) 0 ~ 300V the above 44V≤0.5% THD (resistance load)		
LINE VOLTAGE REGULATION	<0.1%		
LOAD REGULATION	± 0.5% + 0.1V		
SAVE/RECALL	4 settings, Save/Recall operated by hand		
PROTECTION	Short-circuit protection, panel- lock, over temperature protection, current overflow		
MEASUREMENT	Range	Resolution	Accuracy
Frequency Counter	0.0~999.9Hz	0.1Hz	± 0.1Hz
RMS Volt-Meter	0.0~380.0V	0.1V	± (1% of rdg + 1 digit)
RMS Amp-Meter	0.000~2.000A 1.80~35.00A	1.0mA 0.01A	± (1% of rdg + 5 digits) ± (1% of rdg + 20 digits)
Wattage Meter	0.0~360.0W 320.0~3500.0W	0.1W 1.0W	± (1.5% of rdg + 5 digits) ± (1.5% of rdg + 1 digit)
POWER SOURCE	AC 115V/230V±15%, 47~63Hz, single phase		
OPERATION TEMPERATURE/HUMIDITY	0°C~+40°C; <80% (non-condensing)		
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 Supply
APS-9501 500VA A.C. Power Supply
APS-9301 300VA A.C. Power Supply

ACCESSORIES :
 User manual x 1 , Power cord x 1

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