

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