

OTHER POWER RELATED PRODUCTS

Other Power Related Products

GW Instek also provides other product lineups including AC Power Supply ranging from 300VA to 1k VA as well as DC Electronic Load at 300W.

A.C. POWER SUPPLY

Model	Main Function	Output Capacity	Output Freq.	Output Voltage	Max. Current	Display Type	Weight(kg)	Page
APS-9102		1k VA	45~500Hz	0~300V 0~150V	4.2A 8.4A	3 1/2 digit x 3	35	D30
APS-9501		500 VA	45~500Hz	0~300V 0~150V	2.1A 4.2A	3 1/2 digit x 3	25	
APS-9301		300 VA	45~500Hz	0~300V 0~150V	1.3A 2.6A	3 1/2 digit x 3	20	

D.C. ELECTRONIC LOAD

Model	Main Function	Operation Voltage	Operation Current	Power(W)	Weight(kg)	Page
PEL-300		3 ~ 60	60	300	9	D31

A.C. POWER SUPPLY



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

The APS-Series are dual output, 300 to 1000VA, linear AC power supply. OCP and OTP protect the APS-Series and their load from unexpected conditions. High accuracy and low distortion are maintained at true RMS and < 0.5% THD, respectively. The panel lock feature prevents improper use and three LED displays simultaneously showing frequency/voltage/current provide comfortable operation. Configuration is simplified with the output setting store/recall function. The software calibration feature reduces maintenance overhead. The APS-Series are 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, 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 + 1digit)
RMS Amp-Meter	0.000~2.000A	1.0mA	± (1% of rdg + 5digits)
	1.80~35.00A	0.01A	± (1% of rdg + 20digits)
Wattage Meter	0.0~360.0W	0.1W	± (1.5% of rdg + 5digits)
	320.0~3500.0W	1.0W	± (1.5% of rdg + 1digit)
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