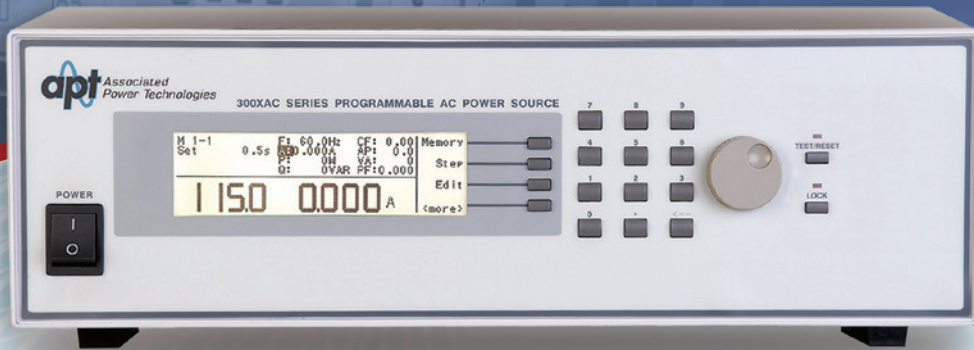


AC Power Sources

Manual - Automated - Modular



300XAC Series Modular AC Power Sources €€

7000 Series Automated AC Power Sources €€

6000 Series Automated AC Power Sources

5000 Series Manual AC Power Sources

LS Series Linear AC Power Sources €€

VariPLUS® Power Converter €€ *Model 104 Only*



APT...The Power of Value!

5000 Series

Manual AC Power Sources



Overview

Our 5000 Series manual AC power sources provide the features that your application requires at a price that you can afford. Switch-mode technology and a direct coupled output make these sources efficient and small enough to be used in bench-top applications. There are four LED displays that monitor voltage, current, frequency, power

and power factor while the easy-to-use local push-button interface allows operators to quickly set and change test parameters on the fly. Built-in safety features protect the instrument, the operator, and the DUT ensuring a safe work environment.

Features

- 3 built-in memory locations to store and quickly recall test parameters
- LED displays monitor voltage, current, frequency, power and power factor
- Independent, adjustable high and low limits for voltage, current, and frequency
- Power up feature configures the output relay for quick and efficient testing
- Constant current output with over current fold back feature
- Push-button interface for easy test setup
- Test/Reset key quickly disables output voltage
- Front panel lockout
- Front panel calibration

APT...The Power of Value!



Warranty



24 Hour
Guaranteed
Shipment

- ***Industry-leading standard 2-year warranty***
- ***Guaranteed 24-hour shipment or we pay the freight***
 - ***48-hour turnaround on all repairs***
 - ***45-day return policy – no questions asked***

48 Hour
Turnaround



On All Repairs



45 Day
Return
Policy

Specifications - 5000 Series

INPUT		5005	5010	5020	5040
Phase		1 Φ			
Voltage		115/230 VAC \pm 10%		208 VAC \pm 10%	
Frequency		47 - 500 Hz			
OUTPUT					
Voltage		0 - 300 V		5 - 300 V	
Max Power		500 VA	1 kVA	2 kVA	4 kVA
Max Current 1 Φ	0 - 150 V	4.6 A @ 110 V	9.2 A @ 110 V	18.4 A @ 110 V	36.8 A @ 110 V
	0 - 300 V	2.3 A @ 220 V	4.6 A @ 220 V	9.2 A @ 220 V	18.4 A @ 220 V
Phase		1 Φ			
Frequency		40.0 - 450 Hz			
THD		<1% (Resistive Load)			
Crest Factor		\geq 3			
Line Regulation		\pm 0.1 V			
Load Regulation		\pm (0.5% of output + 0.5 V) at Resistive Load			
MEASUREMENT					
Voltage	Range	0.0 - 400.0 V			
	Accuracy	\pm (1% of reading + 2 counts)		\pm (1% of reading + 5 counts) > 5 V	
Frequency	Range	0.0 - 500 Hz			
	Accuracy	\pm 0.1 Hz			
Current (rms)	Range	0.00 A - 6.50 A	0.00 A - 13.00 A	0.00 A - 26.00 A	0.05 A - 52.00 A
	Accuracy	\pm (1% of reading + 5 counts)			
Power	Range	0.0 W - 650 W	0.0 W - 1300 W	0.0 W - 2600 W	0.0 W - 5200 W
	Accuracy	\pm (2% of reading + 10 counts) at PF \geq 0.2			
Power Factor	Range	0.000 - 1.000			
	Accuracy	W/VA, Calculated and displayed to three significant digits			
OPTIONS					
230 VAC Input	Option 1	-		Yes	
Grounded Neutral	Option 2	Yes			
GENERAL					
Lockout	Key lockout				
Inrush Current	4 times the max rated current				
Enhanced Over Load Protection	4 times of rating current, Over Current 110% can be held for 1 sec w/o shutdown of output				
Over Current Foldback	Constant Current Mode (Voltage output varies to maintain current output based on load)				
Memories	3 Programmable Memory Locations				
Front Output	Universal Receptacle				
Rear Output	-	-	Universal Receptacle	Terminal Block	
Displays	4 LED Displays				
Operation Key Feature	Up/Down Arrow Keys				
Voltage Limits	Programmable High & Low Limits				
Frequency Limits	Programmable High & Low Limits				
Power Up Settings	Specify Output Power Condition on Power Up (On, Off, Last)				
Protection Circuits	Over Current, Over Voltage, Over Power, Over Temperature				
Efficiency	\geq 80% (at Full Load)				
Operation Environment	0 - 40°C / 20 - 80% RH				
Dimensions W x H x D - inches/mm	16.92 x 3.50 x 11.81 in	16.92 x 3.50 x 15.75 in	16.92 x 3.50 x 19.69 in	16.92 x 8.74 x 19.69 in	
	430 x 89 x 300 mm	430 x 89 x 400 mm	430 x 89 x 500 mm	430 x 222 x 500 mm	
Net Weight Lbs. (kg)	36.4 lbs (16.5 kg)	40 lbs (18.2 kg)	66 lbs (30 kg)	143.3 lbs (65 kg)	

Specifications subject to change

APT...The Power of Value!

AC Power Sources for All Applications

300XAC Series

Modular AC Power Sources



7000 Series

Automated AC Power Sources



6000 Series

Automated AC Power Sources



5000 Series

Manual AC Power Sources



LS Series

Linear AC Power Sources



VariPLUS®

Power Converter



***To order or for more information
please give us a call today!***

Toll Free: +1-877-322-7693 or +1-909-860-1646

apt *Associated
Power Technologies®*