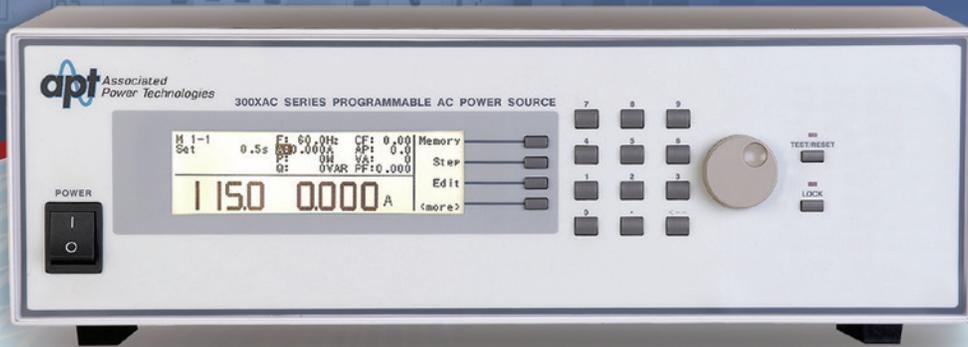


AC Power Sources

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!

LS Series

Linear AC Power Sources



Overview

Our LS Series linear AC power sources provide clean, regulated power at competitive prices. Linear technology and a direct coupled output reduce total harmonic distortion (THD) across the instrument's output frequency range and improves performance for high crest factor loads. 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



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



Return Policy

Specifications - LS Series

INPUT		LS 500		LS 1000	
Phase		1 Φ			
Voltage		115/230 VAC Selectable \pm 10% Variation			
Frequency		50/60 Hz \pm 5%			
OUTPUT					
Voltage		0 - 300 VAC			
Max Power		500 VA		1 kVA	
Max Current 1 Φ	0 - 150 V	4.2 A @ 120 V		8.4 A @ 120 V	
	0 - 300 V	2.1 A @ 240 V		4.2 A @ 240 V	
Phase		1 Φ			
Frequency		45 - 500 Hz			
THD		<0.5% @ 45-500 Hz (Resistive Load)			
Crest Factor		\geq 4			
Line Regulation		\pm 0.1 V			
Load Regulation		\pm 0.5% (Resistive Load)			
MEASUREMENT					
Voltage	Range	0.0 - 300.0 V			
	Accuracy	\pm (1.5% of reading + 2 counts)			
Frequency	Range	0.0 - 500.0 Hz			
	Accuracy	\pm 0.1 Hz			
Current (rms)	Range	L	0.000 - 3.500 A (2.0 mA Option 5)		
		H	3.0 - 35.00 A		
	Accuracy	\pm (2.0% of reading + 3 counts) for high range \pm (2.0% of reading + 5 counts) for low range (\pm 0.6% of reading + 5 counts Option 5)			
Power	Range	L	0.0 - 350.0 W (0.20 - 3500 W Option 5)		
		H	300 - 4000 W		
	Accuracy	\pm (5.0% of reading + 3 counts) for high range \pm (5.0% of reading + 5 counts) for low range (\pm 0.6% of reading + 5 counts Option 5)			
Power Factor	Range	0.000 - 1.000			
	Accuracy	W/VA, Calculated value			
OPTIONS					
Grounded Neutral		Option 2	Yes		
7 Memory Remote Recall		Option 4	Yes		
Low Range Meter Resolution		Option 5	Yes		
GENERAL					
Inrush Current		4 times the current rating			
Enhanced Over Load Capacity		105% overcurrent can hold for 500 ms w/o protection			
Operation Key Feature		Up/Down Arrow Key			
Memory		3 Memories (M1, M2, M3), (7 Memories Option 4)			
PLC Remote Interface		Input: Test, Reset Recall Memories 1-3 (1-7 Option 4), Output: Fail, Test-in-Process			
Fan		Yes			
Front Output		Universal Receptacle			
Rear Output		Terminal Block			
Displays		4 LED Displays			
Rack Mount Kit		Standard			
Protection Circuits		Over Current, Over Voltage, Over Temperature			
Calibration		Front panel software			
Dimensions W x H x D - inches/mm		16.92 x 3.50 x 15.75 in		16.92 x 3.50 x 22.05 in	
		430 x 89 x 400 mm		430 x 89 x 560 mm	
Net Weight Lbs. (kg)		55 lbs (25 kg)		79.4 lbs (36 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®*