

AC Power Sources

Manual - Automated - Modular



NEW! 300XAC Series

Modular AC Power Sources

Choose from USB, Ethernet, RS-232,
or GPIB at no extra charge!

6000 Series

Automated AC Power Sources

Choose from USB, Ethernet, RS-232,
or GPIB at no extra charge!



5000 Series

Manual AC Power Sources



LS Series

Linear AC Power Sources



APT...The Power of Value!

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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 improve performance for high crest factor loads. 4 LED displays monitor voltage, current, frequency, and power/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, and power/power factor
- Independent, adjustable high and low limits for voltage, current, and frequency
- Programmable output power status 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
- CE listing

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

APT MODEL		LS 500	LS 1000
INPUT			
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 - 150V	4.2 A @ 110V	8.4 A @ 110V
	0 - 300V	2.1 A @ 220V	4.2 A @ 220V
Phase		1 Φ	
Frequency		45 - 500 Hz	
THD		<0.5% @ 45-500Hz (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 (2.0mA - 350.0 mA Option 5)
		H	3.0 - 35.00 A
Accuracy		\pm (2.0% of reading + 2 counts), (\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), (\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	110% overcurrent can hold for 1000 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		
CE Mark	Yes		
Dimensions (W x H x D mm)	430 x 89 x 400 mm	430 x 89 x 560 mm	
Net Weight	25 kg	36 kg	

*Specifications subject to change



The Power of Value!

Our Promise to You



45-day return policy

We are so confident that you will see the benefits of an APT power source that if you are unsatisfied with your instrument for any reason, you may return it for a full refund within 45-days.



2-year standard warranty

All APT instruments include at no cost a standard 2-year warranty. This guarantees a new APT instrument to be free from defects in workmanship for a period of up to 2 years from the date of shipment. There are no costs to the user for this warranty and no requirements for calibration or inspection. APT is the only company in the industry to offer a 2-year warranty standard.



24-hour guaranteed shipping

Ordering a standard model? Every standard APT power source ships from our factory within 24-hours or we pay the freight.



48-hour turnaround on all repairs

If your instrument needs service for any reason, we guarantee to have it repaired and shipped out of our facility within 48-hours of receiving it.

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Changing the Way the Power Source Industry Does Business

The benefits of choosing APT only start when you purchase an instrument. We pride ourselves on providing you with the best service in the industry. When you choose APT, you're choosing a partner that will continue to help you for the life of your product, no matter what the application.

The Latest Technology

All APT instruments utilize the latest technology and come standard with a direct-coupled output, making them light weight and rugged. Our feature-rich user interfaces are designed with the operator in mind and include built-in safety features to protect the instrument, operator, and DUT.

Unparalleled Service and Support

No competitor can match our dedication to service and support. With 24-hour shipment on all standard models and 48-hour turnaround on all repairs, APT keeps your business up and running with minimal down-time.

Redefining Value

While our competitors focus solely on performance/price ratios, we believe value doesn't stop at the point of purchase. Our products come standard with a 2-year warranty. Should you ever experience a problem with your instrument, rest assured that we back your purchase with the best service and the fastest turnaround in the industry.

***For more information
check out our website at:
www.aspowertechnologies.com***



APT...The Power of Value!

AC Power Sources for All Applications

300XAC Series

Modular AC Power Sources



6000 Series

Automated AC Power Sources



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LS Series

Linear AC Power Sources



***To order or for more information
Please give us a call today!
Toll Free: +1-877-322-7693***

apt *Associated
Power Technologies™*

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