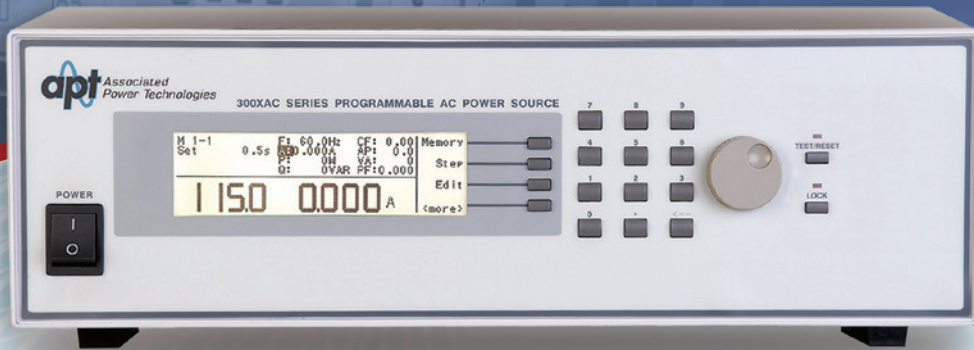


AC Power Sources

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!

VariPLUS®

Power Converter



Model 105



Model 104



Overview

The VariPLUS® is a product power converter specifically designed for electrical product manufacturers. The VariPLUS allows manufacturers to fully comply with international safety agency standards during routine production line testing without the need to purchase an expensive AC power source. With features and benefits far beyond those of a traditional variable transformer, the VariPLUS is an efficient solution for production line testing. The

VariPLUS utilizes accurate digital metering, safe high speed shut down circuitry, and an easy-to-use interface that will increase efficiency and improve performance on the production line. For manufacturers looking to sell products abroad, the VariPLUS can output voltages at both 50 and 60 Hz with the push of a button. The VariPLUS will outperform a variable transformer in every single aspect. Model 105 is a 500 VA Power Converter and Model 104 is a CE Listed 400 VA Power Converter.

Features

- Isolated Output ensures that the power provided to the DUT is free from distortion, voltage spikes, or other transients that can occur on the mains-input lines
- Push-Button Interface allows the operator to easily switch between 50 and 60 Hz output frequencies, view voltage, current, power information, and set voltage
- Digital Rotary Knob ramps up the output voltage smoothly and uniformly with your index finger
- Front Panel Lockout prevents damage to the DUT and reduces operator error by locking out the front panel during testing
- Voltage and Current Limits prevents dangerous over-voltage or over-current conditions that can harm the DUT
- Output/Reset Key maximizes operator safety by enabling and disabling the output voltage with a simple push-button
- smartVOLT® allows the operator to configure the instrument to power up at 0 volts or the previously used voltage before the instrument was turned off
- Power up feature configures the output relay for quick and efficient testing
- High Speed Shutdown Circuits (OTP, OCP, OVP) prevent harm to the instrument, DUT, and test operator
- Model 104 provides CE Compliance with EU requirements

APT...The Power of Value!



- **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**



Specifications - VariPLUS

INPUT		104	105
Phase		1 Φ	
Voltage		115/230 VAC Selectable \pm 10% Variation	
Frequency		47 – 63 Hz	
OUTPUT			
Voltage		0 - 300 VAC	
Max Power		500 VA @ \leq 400 W	500 VA
Max Current (rms)		2.3 A @ < 220 V, 4.6 A @ 110 V	
Phase		1 Φ 2W	
Frequency		50, 60 Hz Selectable	
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	
Response Time		< 400 μ sec	
MEASUREMENT			
Voltage	Range	0.0 - 400.0 V	
	Accuracy	\pm (1% of reading + 2 counts)	
Frequency	Range	50, 60 Hz Selectable	
	Accuracy	\pm 0.1% Hz of setting	
Current (rms)	Range	0.0 – 6.50 A	
	Accuracy	\pm (1% of reading + 5 counts)	
Power	Range	0 - 650 W	
	Accuracy	\pm (2% of reading + 10 counts) at PF \geq 0.2	
GENERAL			
Inrush Current		4 times the current rating	
Enhanced Over Load Capacity		4 times of rating current, Over Current 110% can hold for 1000 ms w/o Protection	
Operation Key Feature		Frequency, Display, System, Lock, Output	
Digital Encoder		Adjusts output voltage and system parameter values	
Fan		Temp. Control Two Fan Speed	
Front Output		–	Universal Receptacle
Rear Output		Terminal Block	–
Displays		LED	
Efficiency		\geq 80% (at full load)	
Protection Circuits		Over Current, Over Voltage, Over PP, Over Temperature	
Calibration		Front Panel Calibration	
Dimensions W x H x D - inches/mm		14 x 5.25 x 12 in	
		355 x 133 x 300 mm	
Net Weight Lbs. (kg)		28 lbs (13 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

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Power Technologies®*