

# There's a better solution... at a better price.



## Key Features & Specifications for the APS 3000 Series

- Output Power: 15 kVA to 150 kVA
- Output Frequency: 45-500 Hz (also available: 360-440 Hz)
- Output Voltage: Dual range, 150/260 V or 300/520 V, 3 phase  
Optional 300V/600V<sub>LN</sub> ranges available
- Isolated Output, THD: < 1%
- Input Requirements: 208, 220, 240, 380, 415, 480 VAC  
± 10%, 3 phase, 47-63 Hz (3kVA and  
90kVA through 150kVA models require 380VAC  
or higher)
- Intuitive Front Panel Controls: Frequency and Voltage
- Easy to Read LED Displays: Frequency, Voltage, Current,  
Power and Power Factor
- Memory Locations: Can save three desired settings  
of any voltage, frequency and current limit output  
parameters

The APS 3000 Series frequency and voltage converters are economically priced and offer top of the line performance.

The series consists of six 3 phase output instruments ranging in size from 15 kVA to 150 kVA. The converters allow the user to duplicate a utility grid of either 50 or 60 hertz for export product testing or operation of imported equipment. The frequency can be adjusted to 400 hertz for applications such as the testing of military/avionics equipment or for the operation of 400 hertz electronics that are onboard an aircraft or a military vessel. The adjustable frequency band of 45 to 500 Hertz in conjunction with the dual line to neutral voltage ranges of 0-150 volts or 0-300 volts provides full capabilities for testing and operating electronics worldwide.

Setup and operation of the APS 3000 Series is exceptionally easy. The simple front panel layout allows users to continuously vary voltage and frequency or to select preset standard frequency settings. Individual meter displays provide digital readouts for frequency, voltage and current while a digital multimeter displays power or power factor.

The APS 3000 Series converters are a simple and cost effective solution for all of your AC power conversion needs!

Worldwide Supplier of Power  
Conversion Equipment



ADAPTIVE POWER SYSTEMS

Toll Free 1-888-239-1619 [www.adaptivepower.com](http://www.adaptivepower.com)

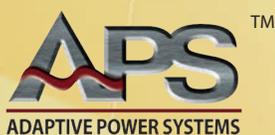
# APS 3000 Series



Cooling fans  
 Input circuit breaker  
 Output circuit breaker  
 Output connections  
 Input connections  
 Casters

## Instrument Specifications

MODEL		3015	3030	3060	3090	3120	3150
<b>INPUT SPECIFICATIONS</b>							
Phases							
Voltage		208V, 220V, 240V (3W+G), 380V, 415V, 480V (4W+G) ±10%			380V, 415V, 480V (4W+G) ±10%		
Frequency		47-63Hz					
<b>OUTPUT SPECIFICATIONS</b>							
Power Rating	Total Power	15 kVA	30 kVA	60 kVA	90 kVA	120 kVA	150 kVA
	Per Phase	5 kVA	10 kVA	20 kVA	30 kVA	40 kVA	50 kVA
Max Current per Phase 150V Range		42 A	84 A	168 A	252 A	336 A	417 A
Max Current per Phase 300V Range		21 A	42 A	84 A	126 A	168 A	208 A
Phases		3Ø / 5 Wire					
Voltage	Line to Neutral	0 - 150 V / 0 - 300 V Selectable (300V/600V Range available - Option 600)					
	Line to Line	0 - 260 V / 0 - 520 V Selectable					
	Resolution	0.1 V					
Accuracy		± ( 1.0% + 0.2 V )					
Frequency	Range	Standard models: 45-500 Hz, Also available as -400 version for 360-440Hz applications only					
	Resolution	0.1 Hz at 45 - 99.9 Hz, 1 Hz at 100 - 500 Hz					
	Accuracy	± 0.2%					
Harmonic Distortion		≤ 1% ( Resistance Load )					
Crest Factor		≥ 3 to 1					
Load Regulation		± 0.5%					
Protection		Over Current, Short Circuit, Over Temperature					
Efficiency		≥ 85% ( at full load )					
<b>ENVIRONMENTAL</b>							
Operating Temperature		32° - 104° F / 0° - 40° C					
Relative Humidity		80%, non-condensing					
Altitude		Below 6500 feet / 2000 m					
<b>DISPLAYS AND CONTROLS</b>							
4 Digit LED Meters		Frequency, Voltage, Current, Power or Power Factor ( simultaneously )					
PLC Remote Interface		Run Programs P1, P2, P3, and Output On/Off					
Memory		8 Memory Locations for Voltage, Frequency, Test Time, Delay Time, Current, Power and PF Limits					
Calibration		Front Panel Calibration					
Interface (Optional)		GPIB (Option 606) or RS-232 & USB (Option 643)					
Auto Voltage Adjust		Enables improved voltage regulation within ± 0.1 V					
<b>MECHANICAL SPECIFICATIONS</b>							
Model		3015	3030	3060	3090	3120	3150
Dimensions	Inches	34 x 36 x 24	38 x 39 x 24	62 x 39 x 35	71 x 39 x 48	71 x 47 x 48	71 x 47 x 63
	(H x D x W) mm	839x980x600	949x980x600	1557x1000x900	1805x980 x1200	1805x1180 x1200	1805x1180 x1600
Weights		(Kg / lbs.)	362/798	547/1206	909/2004	1505/3318	2139/4716



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