



## APS 3000 Series

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



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

The series consists of seven 3 phase output instruments ranging in size from 3 kVA to 90 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!

### Key Features & Specifications for the APS 3000 Series

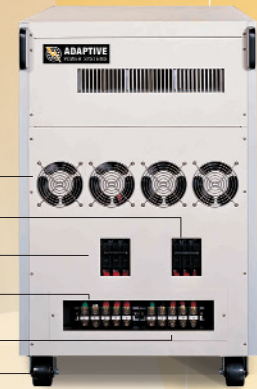
- **Output Power:** 3 kVA to 90 kVA
- **Output Frequency:** 45-500 Hz
- **Output Voltage:** Dual range, 150/260 V or 300/520 V, 3 phase
- **Isolated Output, THD:** < 1%
- **Input Requirements:** 220, 240, 380, 415, 480 VAC  
± 10%, 3 phase, 47-63 Hz (3kVA and 6kVA, 230VAC ± 15%, 1 phase)
- **Intuitive 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 covered in the output parameters

Worldwide  
Supplier  
of Power  
Conversion  
Equipment



**ADAPTIVE**  
POWER SYSTEMS™

# APS 3000 Series



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

## Instrument Specifications

MODEL	3003	3006	3009	3015	3030	3060	3090	
<b>INPUT SPECIFICATIONS</b>								
Phase	1Ø/2W + ground			3Ø/3W + ground				
Voltage	230V±15%			220, 240, 380, 415, 480V±10%				
Frequency	47-63Hz							
<b>OUTPUT SPECIFICATIONS</b>								
Power rating	Total Power	3kVA	6kVA	9kVA	15kVA	30kVA	60kVA	90kVA
	Per Phase	1kVA	2kVA	3kVA	5kVA	10kVA	20kVA	30kVA
Max Arms per Ø @ 0-150 V	8.4 A	16.8 A	25.2 A	42.0 A	84.0 A	168.0 A	252.0 A	
Max Arms per Ø @ 0-300 V	4.2 A	8.4 A	12.6 A	21.0 A	42.0 A	84.0 A	126.0 A	
Phase	3Ø/5W							
Voltage	Line to Neutral	0-150V/0-300V Selectable						
	Line to Line	0-260V/0-520V Selectable						
	Resolution	0.1V						
	Accuracy	±(1%+0.2V)						
Frequency	Range	45-500Hz						
	Resolution	0.1Hz at 45-99.9Hz, 1Hz at 100-500Hz						
	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)							
Operating Temperature	32°-104°F, (0°-40°C), 80% Relative Humidity							
Altitude	below 6500 feet							
<b>DISPLAYS AND CONTROLS</b>								
4 Digital LED meters	Frequency, Voltage, Current, Power or Power Factor (simultaneously)							
PLC Remote Interface	P1, P2, P3, and Output On/Off							
Memory	3 Programmable Memory Locations for Voltage, Frequency and Current							
Calibration	Front Panel Calibration							
Interface (optional)	GPIB, or RS-232							
Auto voltage adjust	Enable for improved voltage regulation within ±0.1V							
<b>MECHANICAL SPECIFICATIONS</b>								
	3kVA	6kVA	9kVA	15kVA	30kVA	60kVA	90kVA	
Dimensions (HxDxW) Inches	29x26x17	29x26x17	32x36x24	32x36x24	38x36x24	55x36x24	71x36x48	
Weights (Kg/lbs)	105/230	120/265	220/485	290/640	460/1010	760/1675	1200/2640	



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