# AC6900 Series Power Sources

# A Complete 3-Phase AC Power Solution

Keysight's AC6900 Series AC power sources provide a complete AC and DC power solution by combining the capabilities of a multimeter, harmonic analyzer, and power analyzer in one instrument. You can easily produce DC power, either alone or as a DC offset to an AC waveform, in a compact form factor.

### Easily Achieve Your Test Goals

The increasing demand for testing avionics devices such as air traffic management systems, sensors, and crewless aircraft systems demands a sophisticated AC and DC power solution. Test system designers are constantly looking for ways to optimize their avionic electronic systems.

A compact, high-performance AC power source with DC capability is ideal for achieving this goal. An avionics test software suite will help to accelerate pre-compliance testing that meets commercial and military standards.

Since your product will have to operate in the real world of unpredictable AC power, you need to design and verify its operation under a wide range of AC power inputs. For example, brownouts, dropouts, sags, and other irregularities are not unusual in many industries today.

You need to test using the compliance tests of the country where you plan to sell the product to ensure it meets their regulatory requirements for line voltages and frequencies.

The AC6900 Series AC power sources have the features you need to easily achieve your test goals in either a research and development environment or on the manufacturing test floor.

The five-inch LCD color display shows the main measurements for all phases simultaneously. The intuitive interface minimizes your team's learning curve while making measurements. The multiple IO connectivity – LXI-LAN, USB, and GPIB provides flexible synchronization.





#### Output

- Single-phase, single-phase threewire, or three-phase four-wire
- AC, DC, or AC plus DC mode
- maximum AC voltage at 320 Vrms
- maximum DC voltage at 452 V
- frequency up to 5 kHz
- parallel operation

#### **Built-in tests**

- power line disturbance
- sequencing
- harmonic analysis
- built-in waveform generation

#### Protection

- over and undervoltage including current protection
- output inhibit

#### **Programming**

- soft start / stop function
- analog and digital control
- LAN eXtensions, USB, and GPIB



### Simplify Test Setups with Accurate Measurement Capabilities

AC6900 Series AC power sources have extensive measurement capabilities that would typically require many complex measurement instruments encompassing multimeter, harmonic analyzer, and power analyzer. This solution is suitable for testing equipment in the avionics industry that operates at nominally 400 Hz, 800 Hz, or up to 5,000 Hz meet RTCA DO-160 and MIL-STD-704 standards. These two standards include both AC and DC immunity tests.

You will experience the following precision measurements:

- · AC, DC, AC plus DC voltage, and current
- · peak voltage and current
- · real, apparent, and reactive power; crest factor and power factor
- harmonic analysis of voltage and current waveforms providing amplitude and phase up to the 50th harmonic
- total harmonic distortion (THD)

Using the measurement capabilities of a Keysight AC6900 Series 3-phase AC power source simplifies your test setups, reduces test complexity, and helps you output accurate data quickly.

### Extensive Protection to Prevent Load Damage

In addition to overcurrent, overvoltage, overpower, and overtemperature protection, the AC6900 Series 3-phase AC power source offers output disconnect relays and remote inhibit capability to quickly disable the output of the AC power source via a transistor-transistor logic (TTL) signal to protect the DUT.

### Intuitive and Easy-to-Use Front Panel Interface and Flexible IO Connectivity

The five-inch LCD color display shows the primary measurements of all phases simultaneously. The interface is intuitive, minimizing the learning curve, enhancing the user experience and optimizing operation. The multiple IO connectivity – LXI-LAN, USB and GPIB provides the greatest flexibility.

### **Application Information**

- Avionics
  - o test instrumentation and automated test equipment (ATE) test stations
  - o simulate power interruption on cockpit electronics
  - o evaluate window heating system
  - o perform pre-compliance test
- Specialty testing
  - measure current harmonic content and creating custom AC power waveforms; combined AC and DC signals
  - o test current harmonics and voltage fluctuations for pre-compliance requirements
  - o ensure relays, transformers, power components, and fire alarms are operating correctly
  - test power products such as AC / DC adapters, AC / DC power supplies, and uninterruptible power supplies
  - check AC motors and electronic controllers

### Measurements at a Glance with Large Color Display

Meter view - default

Meter view – 1-phase view



Figure 1. View all 3 phases at a glance



Figure 2. View more information on a selected phase

#### Built-in powerline disturbance simulation

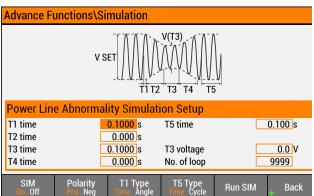


Figure 3. Simulate power outage, surge and sag for environmental testing on your devices

#### Built-in sequencer

Advan	Advance Functions\Sequence						
Step	Freq	ACV	DCV	Time	Outp On	•	
001 002 003	50.00	120.0 J 120.0 J 120.0 J	0.0	00:00:01 00:00:05 00:00:10	0000 🗸		
004 005 006	80.00 Z 90.00 Z	120.0 J 120.0 J	0.0 「	00:00:05 00:00:01 00:00:05	0000 🗸 0000 🗸		
007 008 009	80.00	150.0 / 180.0 / 230.0 /	0.0 「	00:00:10. 00:00:05. 00:00:01.	0000 🗸 0000 🗸		
010 Ad	50.00 「	120.0 I		00:00:00.		Back	

Figure 4. Easily generate output voltage and frequency transients over time for stress tests

#### Built-in harmonic analysis

Advance F Output Typ Harmonic T	e	Curr All	THD THD	(Phase U) (Phase V) (Phase W	,	100 % 100 % 100 %
Order	ØU deg	ØV deg	ØW deg	ØU Arms	ØV Arms	ØW Arms
0	0.0	0.0	0.0	-0.04	-0.04	-0.05
1	0.0	0.0	0.0	0.00	0.00	0.00
2	0.0	0.0	0.0	0.00	0.00	0.00
3	0.0	0.0	0.0	0.00	0.00	0.00
4	0.0	0.0	0.0	0.00	0.00	0.00
5	0.0	0.0	0.0	0.00	0.00	0.00
Type Harmonic Type All Odd Even				Back		

Figure 5. Analyze current or voltage harmonics up to 50th order

#### Built-in waveform generation

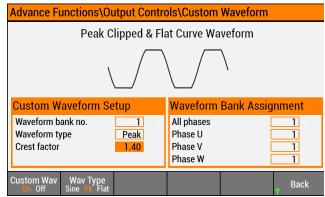


Figure 6. Generate sine wave, peak clipped and flat curve waveforms for cockpit electronics characterization

### **Operate Remotely**

Keysight's Pathwave BenchVue software for the PC enables you to operate the AC6900

#### Series remotely to:

- Track and record your AC outputs to understand the impact of events related to power draw.
- Create and execute a series of test steps using the sequencer function.
- Simulate power line abnormalities using the power simulation function.
- Facilitate harmonics measurement and analysis, providing the amplitude and phase of voltage and current waveforms in table and histogram chart.
- Capture and display power measurement as a waveform on the PC using the data log function.
- Export data quickly to a .csv file for further analysis.

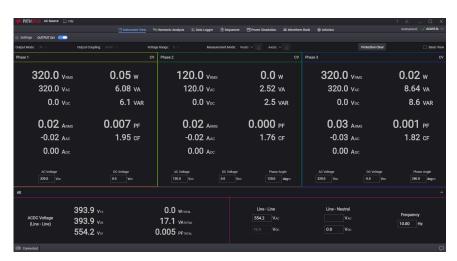


Figure 7. PathWave BenchVue AC source control software (BV0026B)

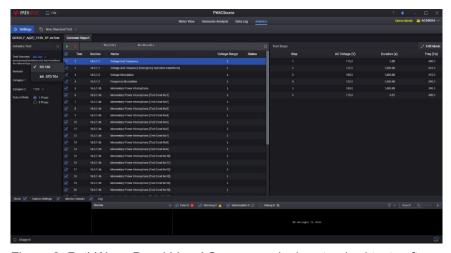


Figure 8. PathWave BenchVue AC source avionics standard test software (BV0028B)

### **Specifications**

Programming accuracy (at 23 °C ± 5 °C)	AC6903H 5 kHz AC6903L 550 Hz	AC6906H 5 kHz AC6906L 550 Hz	AC6912H 5 kHz AC6912L 550 Hz	AC6918H 5 kHz AC6918L 550 Hz	
Output AC <sup>1</sup>	71000002 000 112	71000002 000 112	71000122 000 112	71000102 000112	
AC voltage <sup>2</sup> (Low range/High range)	160 V / 320 V				
Setting range (Low range/High range)	0.0 ~ 161.0 V / 0.0 ~ 322.0 V				
Resolution	0.1 V				
Accuracy <sup>3 4</sup> (Low range/High range)	± (0.15% + 0.3 V) (45 ± (1% + 0.3 V) / ± (1%	,	5 kHz)		
Max rms current <sup>5</sup>					
1P	30 A / 15 A	60 A / 30 A	120 A / 60 A	180 A / 90 A	
1P3W or 3P	10 A / 5 A	20 A / 10 A	40 A / 20 A	60 A / 30 A	
Power capacity					
1P or 3P	3 kVA	6 kVA	12 kVA	18 kVA	
1P3W	2 kVA	4 kVA	8 kVA	12 kVA	
Load power factor	0 ~ 1 (leading or lagging)				
Frequency					
Range <sup>6</sup>	1 Hz~5 kHz (5 kHz -3 dB, < 40 Hz power de-rating is required)				
Resolution	0.01Hz (1.00 Hz ~ 99.99 Hz), 0.1Hz (100.0 Hz ~ 999.9 Hz), 1 Hz (1 kHz ~ 5 kHz)				
Accuracy <sup>7</sup>	± 0.01%, temperature				
Phase	1P (single-phase), 1P3W (single-phase three wire), 3P4W (three-phase four wire) switchable				
Resolution	0.1° (waveform bank	0 and 1 Hz ~ 500 Hz	z), 1° (500 Hz ~ 4 kH	z), 2° (> 4 kHz)	
Accuracy <sup>8</sup>	Within 120°± (0.4° + fo	$0 \times 0.9^{\circ}$ ); fo = output	frequency (kHz)		
Output DC <sup>1</sup>					
DC voltage <sup>9</sup> (Low range/High range)	± 226 V / ± 452 V				
Setting range (Low range/High range)	0 to ± 227.5 V / 0 to ± 455 V				
Resolution	0.1 V				
Accuracy	± (0.15% + 0.3V)				
Max current <sup>10</sup>	30 A / 15 A	60 A / 30 A	120 A / 60 A	180 A / 90 A	
Power capacity	3 kW	6 kW	12 kW	18 kW	

<sup>1</sup> Combined with AC and DC output, the peak voltage must be between -455 V to 455 V (High range) or -227.5 V to 227.5 V (Low range).

 $<sup>^2</sup>$  The specified guaranteed voltage range is 1 V to 160 V and 2 V to 320 V.

<sup>&</sup>lt;sup>3</sup> At no load, the response is in FAST or MID, using the compensation function.

<sup>&</sup>lt;sup>4</sup> At the phase angle of 120° for each phase for line voltage.

<sup>&</sup>lt;sup>5</sup> The maximum rms current is associated with the output voltage range. When the output voltage is between 100 VAC and 160 VAC or 200 VAC and 320 VAC, the output voltage reduces the output current. When the output frequency is between 1 Hz and 40 Hz, the output frequency reduces the output current. The output current is 70% at 1 Hz.

 $<sup>^{6}</sup>$  L models – the frequency is 1 Hz to 550 Hz for three-phase output.

<sup>&</sup>lt;sup>7</sup> Temperature coefficient applies when the environmental temperature is beyond 23°C ± 5°C. Example: At temperature 30°C and setting frequency 1kHz, frequency accuracy = 1kH±0.002kHz. (±0.01% + 0.005%/°C×2°C = ±0.02%).

<sup>&</sup>lt;sup>8</sup> Example: Performance of angle conversion at a given frequency within 120° ± 0.5° at 60 Hz output, within 120° ± 0.8° at 400Hz output.

<sup>&</sup>lt;sup>9</sup> Guaranteed voltage range is 1.4 VDC to 226 VDC; 2.8 VDC to 452 VDC.

<sup>&</sup>lt;sup>10</sup> The maximum rms current is associated with the output voltage range. When the output voltage is between 100 VDC and 226 VDC or 200 VDC and 452 VDC, the output voltage reduces the output current.

Measurement accuracy (at 23 °C ± 5 °C)	AC6903H 5 kHz AC6903L 550 Hz	AC6906H 5 kHz AC6906L 550 Hz	AC6912H 5 kHz AC6912L 550 Hz	AC6918H 5 kHz AC6918L 550 Hz	
Measurement					
AC voltage resolution	0.1 V				
	± (0.03% + 100 m	nV) (45 Hz~100 Hz)			
AC voltage accuracy	± (0.1% + 100 mV) (100 Hz ~ 999.9 Hz)				
	± (0.5% + 1 V) (1 kHz ~ 5 kHz)				
rms current resolution	0.01 A		0.1 A		
rms current accuracy <sup>1</sup>	± (0.15% + 0.2%	of fs) (45 Hz ~ 65 H	z)		
	± (0.5% + 0.5% of fs) (DC, 40 Hz ~ 999.9 Hz)				
	± (1.2% + 1.2% of fs) (1 kHz ~ 5 kHz)				
Peak current resolution	0.01 A		0.1 A		
Peak current accuracy <sup>2</sup>	4% of full scale				
Active power resolution	1 W		10 W		
Active power accuracy <sup>13</sup>	$\pm (0.7\% + 0.7\% \text{ of fs} + 0.001\% \text{ of fs/V}) / \pm (0.7\% + 0.7\% \text{ of fs} + 0.0005\%$				
(Low range/High Range)	of fs/V) (45 Hz ~ 100 Hz)				
Apparent power resolution	1 VA 10 VA				
Apparent power accuracy <sup>1 3</sup> (Low range/High Range)	$\pm$ (0.3% + 0.3% of fs + 0.001% of fs/V) / $\pm$ (0.3% + 0.3% of fs + 0.0005%				
(Low range/riigh Range)	of fs/V) (45 Hz ~ 100 Hz)				
Power factor resolution	0.01				
DC Voltage resolution	0.1 V				
DC Voltage accuracy	0.05% + 150 mV				
Output stability					
Line regulation <sup>4</sup>	± 0.1%				
Load regulation <sup>5 6</sup>					
(Low range/High Range)	± 0.1 V / ± 0.2 V		± 0.2 V / ± 0.4 V		
≤ 100 Hz			± 0.3 V / ± 0.6 V		
≤ 500 Hz	±1V/±2V			± 1 V / ± 2 V	
≤1 kHz					
Total harmonic distortion <sup>6</sup>	0.3% (≤100 Hz), 0.5% (≤330 Hz), 1.5%/kHz (≤5 kHz)				

 $<sup>^{1}</sup>$  At 10  $\,\%$  to 100  $\,\%$  of maximum rated current; sine wave. fs = full scale.  $^{2}$  Pulse height of sine wave.

<sup>&</sup>lt;sup>3</sup> Power factor of 1.

For input voltage changes within the rated range.
 For output current changes within 0 to 100 % of the rating when not using the compensation function.
 When the output phase voltage is 80 V - 160 V (Low range) or 160 V - 320 V (High range), the load power factor is 1, and the response is FAST at the output terminal block

C.	on la un a unta l		A C C C C C C C C C C C C C C C C C C C	A C C C C C L E L L L	A C C C A C L L L L L L L L L L L L L L	A C C C A C L L L L L L L L L L L L L L		
	oplemental aracteristics		AC6903H 5 kHz AC6903L 550 Hz	AC6906H 5 kHz AC6906L 550 Hz	AC6912H 5 kHz AC6912L 550 Hz	AC6918H 5 kHz AC6918L 550 Hz		
Output								
Max peak current <sup>1</sup>		4 times the maximu	um output current					
Inr	ush current ca	apacity	Current at 1.4 time	s the maximum outpւ	ut current for 0.5 s			
Те	mp coefficient	2	100 ppm/°C					
Tra	ansient respor	ise <sup>3</sup>	40 μs (Fast)					
Re	sponse speed	d Tr/Tf <sup>4</sup>	40 μs (Fast), 100 μs (Medium), 300 μs (Slow)					
Rip	ople noise <sup>5</sup>		0.25 Vrms 0.3 Vrms		0.3 Vrms	0.4 Vrms		
	riation accord		Output voltage corr	rection function enab	le:			
ou	tput frequency	67	± 0.3% (1 Hz~1 kH	lz), ± 10% (1001 Hz~	5 kHz)			
			Output voltage con	rection function disab	le: -3 dB (5 kHz)			
Har	monics measure	ement			,			
Fu	ndamental fre	quency	10 Hz ~ 1 kHz					
Up	per limit harm	onic	5 <sup>th</sup> to 50 <sup>th</sup>					
Me	easurement ite	ems	Rms voltage and current / phase angle THD					
Cu	irrent magnitu	de	0.15% + 0.20% of fs (Fundamental 50 Hz or 60 Hz)					
accuracy		1.2% + 1.2% of fs (Harmonics 2 <sup>nd</sup> to 50 <sup>th</sup> )						
Out	put impedance							
1P								
	Resistance		0 $\Omega$ to 667 m $\Omega$	0 $\Omega$ to 333 $m\Omega$	0 $\Omega$ to 167 m $\Omega$	0 $\Omega$ to 111 m $\Omega$		
Low		Fast	13 μH to 667 μH	7 μH to 333 μH	3 μH to 167 μH	2 μH to 111 μH		
ĭ	Reactance	Med	27 μH to 667 μH	13 μH to 333 μH	7 μH to 167 μH	4 μH to 111 μH		
		Slow	80 μH to 667 μH	40 μH to 333 μH	20 μH to 167 μH	13 μH to 111 μH		
	Resistance		0 Ω to 2667 mΩ	0 Ω to 1333 mΩ	0 Ω to 667 mΩ	0 Ω to 444 mΩ		
High		Fast	53 μH to 2667 μH	27 μH to 1333 μH	13 μH to 667 μH	9 μH to 444 μH		
王	Reactance	Med	107 μH to 2667 μH	53 μH to 1333 μH	27 μH to 667 μH	18 μH to 444 μH		
		Slow	320 μH to 2667 μH	160 μH to 1333 μH	80 μH to 667 μH	53 μH to 444 μH		
1P3	W or 3P							
	Resistance		0 Ω to 2000 mΩ	0 Ω to 1000 mΩ	0 Ω to 500 mΩ	0 Ω to 333 mΩ		
Low		Fast	40 μH to 2000 μH	20 μH to 1000 μH	10 μH to 500 μH	7 μH to 333 μH		
Ľ	Reactance	Med	80 μH to 2000 μH	40 μH to 1000 μH	20 μH to 500 μH	13 μH to 333 μH		
		Slow	240 μH to 2000 μH	120 μH to 1000 μH	60 μH to 500 μH	40 μH to 333 μH		
	Resistance		0 Ω to 8000 mΩ	0 Ω to 4000 mΩ	0 Ω to 2000 mΩ	0 Ω to 1333 mΩ		
High		Fast	160 μH to 8000 μH	80 μH to 4000 μH	40 μH to 2000 μH	27 μH to 1333 μH		
工	Reactance	Med	320 μH to 8000 μH	160 μH to 4000 μH	80 μH to 2000 μH	53 μH to 1333 μH		
		Slow	960 μH to 8000 μH	480 μH to 4000 μH	240 μH to 2000 μH	160 μH to 1333 μH		

<sup>&</sup>lt;sup>1</sup> Repeated output is possible when the crest factor is four.

<sup>1</sup> Repeated output is possible when the crest factor is four.
2 For changes within the operating temperature range at output phase voltage 100 V / 200 V; no load.
3 When the output voltage is 100 V / 200 V, the load pf is 1, the output current changes from 0 A to the rated value and from the rated value to 0 A.
4 At 10 % to 90 % of the output voltage.
5 5 Hz to 1 MHz components are in DC mode.
6 The voltage variation over 40 Hz to 5 kHz in AC mode with 55 Hz as the reference.
7 When the output phase voltage is 80 V to 160 V (Low range) or 160 V to 320 V (High range), the load power factor is 1, and the response is FAST.

Cumplemental	AC6903H 5 kHz	AC6906H 5 kHz	AC6912H 5 kHz	AC6918H 5 kHz		
Supplemental characteristics	AC6903L 550 Hz	AC6906L 550 Hz	AC6912L 550 Hz	AC6918L 550 Hz		
Output On/Off phase angle setting						
Setting range	•	0.0 degrees (0.0 deg	rees = 360.0 degree	s)		
Resolution	0.1 degrees					
Accuracy <sup>1</sup>	± 1 degree (≤1 kH					
Input	J (	,				
Apparent power	≤ 4 kVA	≤ 7.8 kVA	≤ 15.6 kVA	≤ 23.4 kVA		
Power factor <sup>2</sup>	0.93 (TYP)	0.95 (TYP)				
Efficiency <sup>2</sup>	82% (TYP)	85% (TYP)				
Hold-up time for power interruption <sup>2</sup>	10 ms					
Frequency (nominal)	50 ~ 60 Hz					
Frequency (variation)	45 ~ 65 Hz					
200V input model						
	100 to 120 Vrms					
Voltage (nominal)	1	200 to 230 Vrms				
	200 to 240 Vrms					
Voltage (variation)	85 to 132 Vrms / 170 to 250 Vrms	170 to 250 Vrms				
Phase	1P	3P3W				
Max input current (rms) <sup>3</sup>	48 A / 24 A	27 A	53 A	80 A		
Protective conductor current <sup>4</sup>	≤ 3.5 mA	≤ 10 mA	≤ 15 mA	≤ 20 mA		
400V input model						
Voltage (nominal)	-	380 to 480 Vrms				
Voltage (variation)	-	323 to 519 Vrms				
Phase	-	3P4W				
Max input current (rms) <sup>3</sup>	-	14 A	28 A	42 A		
Protective conductor current	-	≤ 3.5 mA	≤ 3.5 mA	≤ 3.5 mA		
Mechanical						
Net weight (200 V / 400 V) (kg)	28	47 / 49	71 / 72	104 / 106		
Net dimension, W x H x D (mm)	430 x 129.2 x 667.5	430 x 262 x 562	430 x 389 x 562	430 x 563 x 562		
Overall dimension (with wheel and safety cover), W x H x D (mm)	440 x 160 x 720	445 x 345 x 650	445 x 475 x 650	445 x 660 x 665		
Input terminal	M6	M5	M5	M8 (200 V input) M5 (400 V input)		
Output terminal	M6	M5	M5	M6		
	4 1 1 1 1					

<sup>1</sup> Lag in phase due to response speed not included.
2 Output voltage at 100 V/200 V, rated output current, sine wave, load power factor 1, output frequency 40 Hz to 1 kHz.
3 The current at the minimum voltage within the allowable variation range.
4 Output voltage at 100 V/200 V, rated output current, sine wave, load power factor 1, output frequency 45 Hz to 65 Hz.

General	All models
Insulation resistance: Primary-to-chassis Output-to-chassis Primary-to-output	500 Vdc, 10 MΩ or more
Withstand voltage: Primary-to-chassis Output-to-chassis Primary-to-output	1500 Vac, 2150 Vdc, 1 minute
Isolation to ground	320 Vrms / 452 Vdc
Electromagnetic compatibility (EMC)	Complies with requirements for the following directive and standards:  EMC Directive 2014/30/EU  EN 61326-1 (Class A¹),  EN 55011 (Class A¹, Group 1²)  Applicable under the following conditions:  The maximum length of all cabling and wiring connected to the product must be < 3 m (< 9.8 feet); excluding the cable which connects to the LAN
Safety	Complies with the requirements of the following directive and standards: Low voltage directive 2014/35/EU <sup>1</sup> EN 61010-1 (Class I <sup>3</sup> , Pollution Degree 2 <sup>4</sup> )
Environmental conditions	
Operating environment	Indoor use, overvoltage category II
Operating temperature range	0 to 40 °C (32 °F to 104 °F)
Storage temperature range	-10 to +60 °C (14 °F to 140 °F)
Operating humidity range	20% RH to 80% RH (no condensation)
Storage humidity range	90% RH or less (no condensation)
Altitude	Up to 2000 m (6561.7 feet)

<sup>&</sup>lt;sup>1</sup> This is a Class A instrument. The intended use for this product is in an industrial environment. This product may cause interference if used in residential areas. Avoid residential use unless the user takes special measures to reduce electromagnetic emissions to prevent

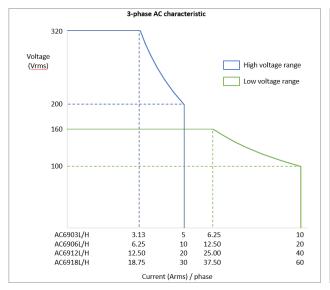
used in residential areas. Avoid residential use unless the user takes special measures to reduce electromagnetic emissions to interference to the reception of radio and television broadcasts.

2 This is a Group 1 instrument. This product does not generate and / or use radio frequency energy in the form of electromagnetic radiation, inductive and / or capacitive coupling for the treatment of material, or inspection / analysis purposes.

3 This product conforms to Class I. For safety reasons, be sure to ground the protective conductor terminal of this product.

<sup>&</sup>lt;sup>4</sup> Pollution in addition to foreign matter (solid, liquid, or gaseous) may produce a reduction of dielectric strength or surface resistivity. Pollution Degree 2 assumes only non-conductive pollution will occur except for an occasional temporary conductivity caused by condensation.

# **Output Characteristics**



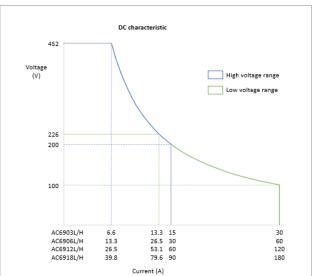


Figure 9. 3-phase AC characteristic

Figure 10. DC characteristic

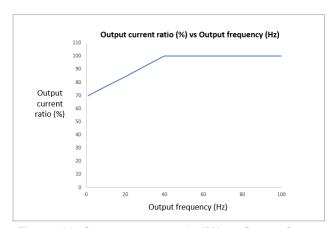


Figure 11. Output current ratio (%) vs Output frequency (Hz)



# **Ordering Information**

### Keysight AC6900 series 3-phase AC power sources

Model	Description
AC6903H	AC power source 320 Vrms, 3 kVA, 5 kHz, 3Φ
AC6903L	AC power source 320 Vrms, 3 kVA, 550 Hz, 3Φ
AC6906H	AC power source 320 Vrms, 6 kVA, 5 kHz, 3Φ
AC6906L	AC power source 320 Vrms, 6 kVA, 550 Hz, 3Φ
AC6912H	AC power source 320 Vrms, 12 kVA, 5 kHz, 3Φ
AC6912L	AC power source 320 Vrms, 12 kVA, 550 Hz, 3Φ
AC6918H	AC power source 320 Vrms, 18 kVA, 5 kHz, 3Φ
AC6918L	AC power source 320 Vrms, 18 kVA, 550 Hz, 3Φ
BV0026B	PathWave BenchVue AC source control software
BV0028B	PathWave BenchVue AC source avionics standard test software

#### Standalone accessories

Model	Description
AC69GPBU	GPIB interface board
AC69ALGU	Analog interface connector
AC69DIGU	Digital interface connector
AC69PAR1	Parallel operation cable (not applicable for AC6903L/H)
AC69SYN1	Synchronization cable (not applicable for AC6903L/H)

www.keysight.com/us/en/products/ac-power-sources.html

#### **Options**

Model	Factory input option	Rack kit
AC6903L/H	NA	AC69RAC3
AC6906L/H	200	AC69RAC6
AC0900L/H	400	ACOSKACO
AC6912L/H	200	AC69RAC12
AC0912L/H	400	AC09RAC12
AC6918L/H	200	AC69RAC18
AC09 TOL/FI	400	ACOSKACTO

### Power cords and terminations (plugs)

Due to the number of different power cords and terminations around the world, the AC6900 series power supplies do not come with power cords or terminations. Users will need to supply their own dependent on the local laws and codes of the country/region where the power supply will be used. Please refer to the user manual for power cord specifications. AC6900 Series User Manual

## Learn more at: www.keysight.com

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