

# **AGX Series**

### Introducing the AGX Series

The Industry's Most Flexible, High Performing, and Intelligent All-in-1 **Regenerative AC/DC Power Source** 







Constant Power



- All-in-1 AC/DC Power Source, Current Source & Load
  - » 4-Quadrant AC & DC Power Source
- » Current Source
- » AC/DC Electronic Load Option
- High Power Density Up to 21kW in 4U; Parallel up to 189kVA/kW per Cabinet, or Multiple Cabinets up to 252kW
- AC, DC and AC+DC Output Capability
- Single, Split, Three-Phase; Multi-Channel Mode » Isolated Neutrals Available (Option W)
- Constant Power Voltage Range: 350Vac L-N/606Vac L-L or ±500Vdc
- High Frequency Range:
  - » DC, 15Hz 1200Hz
- » Extended Frequency Range 1Hz 3000Hz
- Galvanic Isolation from Facility AC Input to Output and Between Output Phases / Channels
- Silicon Carbide (SiC) Based Technology
- Exceptionally High AC Current; Overload Capability
- Waveform capture and Scope display
- Built-in SmartSource Suite: Web Interface & Control

LXI **Flexible Control** 





Scalable

Power

Range

### **AGX Series**

#### All-in-1 Regenerative AC/DC Power Source

The AGX Series is a high performance, fully regenerative 4-quadrant AC and DC power source that can function as an AC/DC power supply, current source, and AC/DC load (optional). The AGX's high-power density provides 6kVA/ kW up to 21kVA/kW in a 4U chassis and can parallel up to 189kVA/kW in a 19" cabinet. Dual Cabinets can parallel up to 252kVA/kW.

The AGX has the highest performance and flexibility of its class. Get the ultimate flexibility with AC, DC, AC+DC, and DC+AC capability and highly versatile channel outputs. Ideal for dynamic applications that require advanced control and programming.

The wide selection of power, frequency, and phase angles allow you to test a range of renewable energy, electric vehicle charging, aerospace, and industrial markets in addition to bidirectional applications.

#### **Application Examples:**

- Aerospace & Defense Power and Compliance Testing
- EV Charging, On Board Chargers (OBC), V2G, V2H and V2X
- Solar PV/Grid-Tied Inverters
- Energy Storage Systems (ESS), Home ESS
- Smart-Grid Simulation
- EMC Compliance Testing

AGX Series

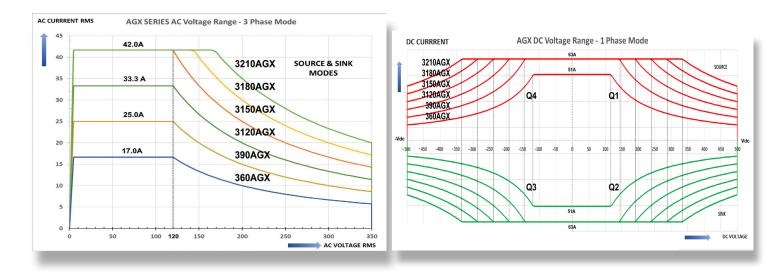
RS232



### **Constant Power Voltage Range**

The AGX Series uses a single, constant power voltage range for both higher current at lower voltage and higher voltages at lower currents eliminating the need to switch between voltage ranges.

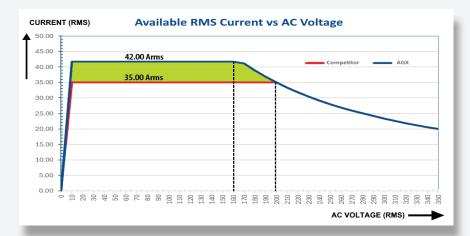
Typical dual range systems cause temporary output power loss when switching between ranges interrupting power to the unit under test. The AGX's constant power voltage range allows for testing a broad range of conditions and test requirements without interruption of output power.



### **More Current at Low Voltage**

The AGX provides a broader range of current eliminating the risk of over or under sizing the power source.

- Higher RMS current rating at lower voltage settings
- No over or over size AC Source to achieve required current levels
- Reduces capital investment
- Test Constant Power AC input products down to lowest rated input voltage



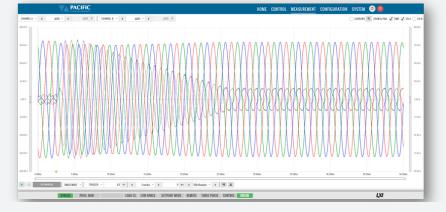
The AGX provides 20% more current from 120V to 200V compared to a typical unit that maxes out at 35A/phase.



### 130% Overload Capability for 2s

The AGX is designed to handle overload conditions with its capability of providing 130% of its rated current for a duration of 2 seconds. This is critical for applications that have inrush current conditions that arise due to start up, transient power demands, or sudden changes in loads. Applications include motors drives, industrial automation, power conversion systems applications.

- Higher RMS current rating at lower voltage settings
- No over or under-sizing AC Source to achieve required current levels
- Reduces capital investment



Waveform Example of Inductive Motor Emulation: 400Hz, 55A (AGX Series overload from 42A)

### **Ultimate Flexibility with Six Output Configurations**

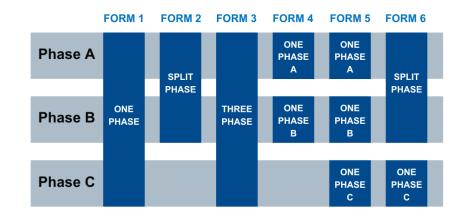
Flexibly test a wide range of grid-tied conditions and EUTs with six different output configurations in either AC, DC; source or load mode. Isolated neutrals enables operation on each phase as a different function: voltage source, current source, or load (option).

- Forms 1 through 3 are common for single, split or three-phase AC connections.
- Forms 4 through 6 allow for two or three EUTs' to be tested with the same AGX source or load.

This means that three independent single-phase 7 kW EUT's could be tested simultaneously using a single 21kW AGX unit.

• Form 5 supports different frequencies on each phase simultaneously.

#### Simultaneous AC & DC Operation on Single Phases and Automatic Switching of Operation Modes



Mixed Source / Load mode combinations available in Forms 4, 5 and 6.



### **Regenerative, Bidirectional Power**

Regenerative AC & DC power sources provide energy efficiency and significant cost savings by returning energy back to the facility or the grid. The AGX produces less heat, ensures a stable testing environment for reliability, reducing the need for additional cooling systems. Bidirectional power flows are also critical to prevent back-EMF in applications such as motors.



## **High Performance, Wide Frequency Range**

The AGX has a wide output frequency range which provides more flexibility from 15Hz to 1200Hz. T

his is ideal for avionics and defense applications that require both 400Hz steady state frequency as well as 360Hz to 800Hz wild frequency ranges.

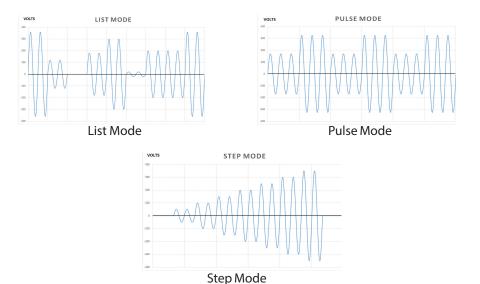


The AGX also offers extended frequency range from 1Hz to 3000Hz.

### **Powerful Waveform & Measurement Tools**

The AGX has a built-in waveform digitizer with scope function.

- Fast transient capabilities at 200µsec time resolution
- Over 200 Arbitrary Waveform
- 10 Standard, Sine, Square, Triangle, Clipped LIST, PULSE and STEP Transients
- Waveforms: 10 Standard, Sine, Square, Triangle, Clipped
- Harmonic generation (Inter-harmonics - Option C)





### **User Friendly Control Options**

Multiple integrated control options include:

- Intuitive Touch Screen LCD Display with Soft Key driven Menus
- SmartSource Suite Web Interface
- •LAN, GPIB, RS232 & USB Interfaces, and ModBus (optional)
- Supports external touch screen monitor via Video Output Interface

PROGRAM	ON			FF	SELECTED PHASE	ABC	A	в	с
OUT OT LINEDL	ON		ľ		SELECTED THASE	ABC	^	U	v
FREQUENCY	50.00	Hz	+	•	CURRENT LIMIT	1.00	A <sub>RMS</sub>	+	•
VOLTAGE AC	115.00	V <sub>RMS</sub>	+	-	POWER LIMIT	1.000	kW	+	•
VOLTAGE DC	0.00	$V_{\text{DC}}$	+	•	KVA LIMIT	1.000	kVA	+	•
		🖋 AI	PPLY	×	ANCEL S	SYNC			
MEASUREMENTS		Р	hase A	Phase	B Phase C	Total			
FREQUENCY		50.00 Hz 50.00		50.00	Hz 50.00 Hz				
VOLTAGE L-N RMS (AC+DC)		0.0	0.00 V <sub>RMS</sub> 0.00 V		MS 0.00 V <sub>RMS</sub>				
VOLTAGE L-N RMS (AC)		0.00 V <sub>RMS</sub> 0.00		0.00 V	MS 0.00 V <sub>RMS</sub>				
VOLTAGE L-N DC		0	0.00 V <sub>DC</sub> 0.00		DC 0.00 VDC				
CURRENT RMS (AC+DC)		0.0	DO A <sub>RMS</sub>	0.00 A	MS 0.00 ARMS				
CURRENT DC		0	OO A <sub>DC</sub>	0.00 A	DC 0.00 ADC				
POWER		0.	000 kW	0.000	W 0.000 kW	0.000 kV	V		
WATT-HOUR	ON RST	0.0	IOO kWh	0.000	Wh 0.000 kWh	0.000 kW	/h		
ELAPSED TIME						Os			
APP POWER		0.0	DOO kVA	0.000	VA 0.000 kVA	0.000 kV	A		
POWER FACTOR			0.00	0.00	0.00				
CURRENT CF	•								
			VAB	VBC	V <sub>CA</sub>				
VOLTAGE L·L RMS (AC+DC)			n/a	0.00 V	ms n/a				
VOLTAGE L-L RMS (AC)			n/a	0.00 V	ms n/a				
VOLTAGE L-L DC		0.00 V <sub>DC</sub> 0.00		0.00 \	oc 0.00 Voc	0.00 V <sub>DC</sub>			



#### Simplify Test Automation with SmartSource Suite Remote Control Platform

Easily monitor, control, and manage testing with the AGX's **SmartSource Suite** remote control platform. Use the embedded, web browser interface with real-time control. Access control panels and test sequences on-premises or on any mobile device (laptop, phone, tablet) via secure client access.

- •Full control and measurement capability
- Program settings and measurement read back including digital scope and harmonics data
- •Extensive safety protection settings
- •Waveform selection, preview and edit modes
- •Execution of user's custom test sequences
- •Transient data entry and execution screen using a spreadsheet layout

# **Built-in Galvanic Isolation Reduces Safety Risks**

The AGX provides both facility-to-output isolation, and phase to phase or channel to channel isolation. Galvanic isolation provides complete separation between the input and output so there is no electron flow between channels.

- Channel to channel isolation provides flexibility to use each phase as its own independent power source with FULL frequency and voltage control.
- Fully isolated design reduces safety risks for the operator and prevents unexpected UUT damage by preventing unwanted current or ground loops. This built-in capability doesn't require a transformer which saves significant costs and space.





# All-in-1 Capability

### **Current Source Included**

The AGX Series includes AC, DC, AC+DC and DC+AC output capablity. In addition to the AC/DC power source functionality, the AGX Series supports AC and DC Current Source mode. In this mode, AC or DC current is precisely controlled. Current and compliance voltage ranges are identical to this in source or load mode. Transient programming and user defined arbitrary current waveforms are available in this operating mode as well.

Current source mode is useful for applicatiaons that also include testing of protection devices like fuses, switches, transformers or circuit breakers. Maximum current range is available in single phase mode.

### Fully Test AC Power with 4-Quadrant Load (Option L)

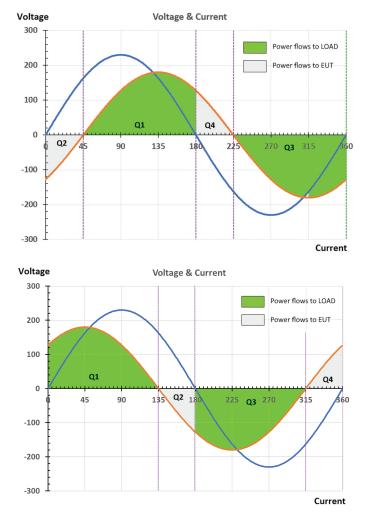
Optional load feature supports testing PV inverters, V2G, EV Chargers, EVSE, batteries, UPS, and AC/DC power supplies.

Fully operate in all four quadrants using programmable phase shift in CC or CS modes. This allows simulation of inductive and capacitive loads to fully test AC power sources, as shown in the leading and lagging power factor examples.

Simulate AC/DC linear and non-linear loads (rectified), inductive and capacitive loads with several operating modes.

AC Modes: Constant Current, Constant Power & Apparent Power, Constant Resistance, Constant Voltage, CC+CR, CC / CS Rectifier Mode 1ø & 3ø

DC Modes: Constant Current, Constant Power, Constant Resistance, Constant Voltage, CR+CC

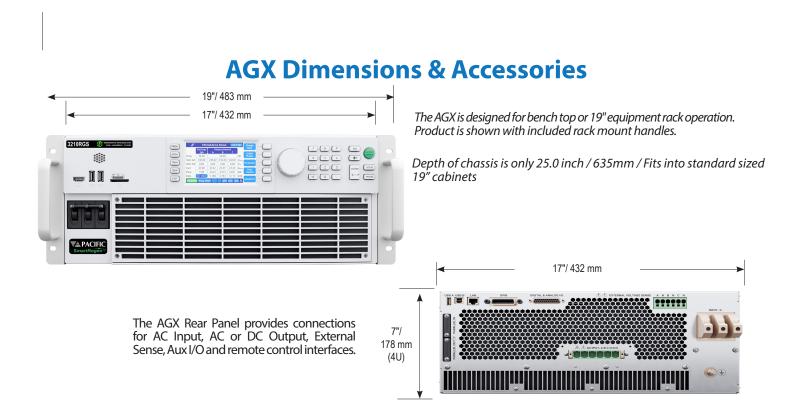




### **Rack Mount / Bench AGX Models**

MODEL	Phase Mode	Rated Power <sup>1</sup> AC / DC mode	Voltage Ranges² Vac L-N / Vdc	Max. AC/DC Current per Phase in 3 & 2 Phase Mode	Max. AC/DC Current 1 Phase Mode	Form Factor
360AGX-4U	1, 2 & 3 Phase	6 kVA, kW / 6 kW	0-350 Vac / 0-500 Vdc	17.0 Arms / 17.0 Adc	51 Arms / 25.0 Adc	4U Chassis
390AGX-4U	1, 2 & 3 Phase	9 kVA, kW / 9 kW	0-350 Vac / 0-500 Vdc	25.0 Arms / 21.0 Adc	75 Arms / 63.0 Adc	4U Chassis
3120AGX-4U	1, 2 & 3 Phase	12 kVA, kW / 12 kW	0-350 Vac / 0-500 Vdc	34.0 Arms / 21.0 Adc	100 Arms / 63.0 Adc	4U Chassis
3150AGX-4U	1, 2 & 3 Phase	15 kVA, kW / 15 kW	0-350 Vac / 0-500 Vdc	42.0 Arms / 21.0 Adc	126 Arms / 63.0Adc	4U Chassis
3180AGX-4U	1, 2 & 3 Phase	18 kVA, kW / 18 kW	0-350 Vac / 0-500 Vdc	42.0 Arms / 21.0 Adc	126 Arms / 63.0Adc	4U Chassis
3210AGX-4U	1, 2 & 3 Phase	21 kVA, kW / 21 kW	0-350 Vac / 0-500 Vdc	42.0 Arms / 21.0 Adc	126 Arms / 63.0Adc	4U Chassis

Note 1: Rated power shown is for Three Phase or Single Phase mode operation. For Split Phase mode, rated power is 2/3. Note 2: For Voltages above 350Vac some frequency and Vthd restrictions apply.



#### **Safety Cover & Strain Relief Kit Option**



This optional kit includes covers for AC input and AC & DC Output connections. Both covers include wire strain relief to prevent accidental release of input or output wiring.

Note: AC input and AC output wiring is NOT included.



### Modular Power up to 189kW / 378A per Cabinet

The AGX Series provides modular and scalable power to meet changing test requirements. Easily parallel multiple chassis to reach up to **189kW with 378Amps** per cabinet. Cabinets can be paralleled up to 252kW.

- Ease of reconfiguration allows for flexible test set ups and reduces downtime for repairs or maintenance.
- Flexibility to scale power now or later as you need it
- Paralleled units can have different power ratings
- Auxiliary no-controller models offer low-cost option
- Complete integrated 19" Rack systems; select from 18U, 32U, and 42U cabinet sizes







18U

42U

### Parallel Systems Installed in19" EIA Rack Cabinet

MODE	Rated Power <sup>1</sup> AC / DC mode	Voltage Ranges² Vac L-N / Vdc	Max. AC/DC Current per phase in 3 & 2 Phase Mode	Rack Space
3240AGX-4U	24 kVA, kW / 24 kW	0-350 Vac / 0-500 Vdc	68.0 Arms / 42.0 Adc	18U
3300AGX-4U	30 kVA, kW / 30 kW	0-350 Vac / 0-500 Vdc	84.0 Arms / 42.0 Adc	18U
3360AGX-4U	36 kVA, kW / 36 kW	0-350 Vac / 0-500 Vdc	84.0 Arms / 42.0 Adc	18U
3420AGX-4U	42 kVA, kW / 42 kW	0-350 Vac / 0-500 Vdc	84.0 Arms / 42.0 Adc	32U
3630AGX-4U	63 kVA, kW / 63 kW	0-350 Vac / 0-500 Vdc	126.0 Arms / 63.0 Adc	32U
3840AGX-4U	84 kVA, kW / 84 kW	0-350 Vac / 0-500 Vdc	168.0 Arms / 84.0 Adc	32U
31050AGX-4U	105 kVA, kW / 105 kW	0-350 Vac / 0-500 Vdc	210.0 Arms / 105.0 Adc	32U
31260AGX-4U	126 kVA, kW / 126 kW	0-350 Vac / 0-500 Vdc	252.0 Arms / 126.0 Adc	32U
31470AGX-4U	147 kVA, kW / 147 kW	0-350 Vac / 0-500 Vdc	294.0 Arms / 147.0 Adc	42U
31680AGX-4U	168 kVA, kW / 168 kW	0-350 Vac / 0-500 Vdc	336.0 Arms / 168.0 Adc	42U
31890AGX-4U	189 kVA, kW / 189 kW	0-350 Vac / 0-500 Vdc	378.0 Arms / 189.0 Adc	42U
32100AGX-4U	210 kVA, kW / 210kW	0-350 Vac / 0-500 Vdc	420.0 Arms / 210.0 Adc	2 x 32U
32310AGX-4U	231 kVA, kW / 231 kW	0-350 Vac / 0-500 Vdc	462.0 Arms / 231.0 Adc	2 x 32U
32520AGX-4U	252 kVA, kW / 252kW	0-350 Vac / 0-500 Vdc	504.0 Arms / 252.0 Adc	2 x 32U

Note 1: For Split Phase mode, rated power is 2/3.

Note 2: For Voltage ranges above 333Vac some frequency and Vthd restrictions apply.

Contact factory for cabinet output wiring modifications to support single phase AC mode on cabinets above 84kVA.

Parallel configuration kits available for system integrators using their own cabinets.



### **Technical Specifications**

MODEL:	360AGX-4U	390AGX-4U	3120AGX-4U	3150AGX-4U	3180AGX-4U	3210AGX-4			
Modes of Operation									
Grid Simulator, AC and/or DC Power Source, AC and/or DC Current Source. Electronic Load optional.									
AC Output									
Phase Modes (Form)	1, 2 or 3	1, 2 or 3	1, 2 or 3	1, 2 or 3	1, 2 or 3	1, 2 or 3			
Maximum Power (Total)	6 kW/kVA	9 kW/kVA	12 kW/kVA	15 kW/kVA	18 kW/kVA <sup>1</sup>	21 kW/kVA <sup>1</sup>			
Per Phase	2 kW/kVA	3 kW/kVA	4 kW/kVA	5 kW/kVA	6 kW/kVA	7 kW/kVA			
Voltage									
Range <sup>2</sup>	0 - 350 Vln / 0 - 606 Vll								
Resolution									
Accuracy	0.01								
Harmonic Distortion	± 0.25% F.S								
(Vthd) R Load	< 100	< 100 Hz $<$ 0.3% $ $ 100 Hz to 500Hz $<$ 0.5% $ $ 500 to 1000 Hz $<$ 1.0% $ $ $>$ 1000 Hz $<$ 1.5%							
Line Regulation									
		< 0.1% for 10% Line Change ± 0.02% (CSC Mode)							
Load Regulation			± 0.02% (C 0 - 35						
Phase Angle - Range - Phase B, C			0 - 35	9.9					
			0.1	0					
Phase Angle Resolution Maximum RMS Current			0.1						
	170 4		24.0.4	42.0.4	42.0.4	42.0.4			
3 & 2 Phase modes	17.0 A	25.0 A	34.0 A	42.0 A	42.0 A	42.0 A			
1 Phase mode	51.0 A	75.0 A	100.0 A	126.0 A	126.0 A	126.0 A			
Current Crest Factor	6.2 : 1	4.2 : 1	3.0 : 1	2.5 : 1	2.5 : 1	2.5 : 1			
Frequency									
Range <sup>2</sup>	15.00 – 1200.0 Hz								
Extended Range			1.00 - 30						
Resolution / Accuracy			0.01 Hz /	± 0.01%					
DC Output									
Phase Modes (Channels)	1, 2 or 3	1, 2 or 3	1, 2 or 3	1, 2 or 3	1, 2 or 3	1, 2 or 3			
Maximum Power (Total)	6 kW	9 kW	12 kW	15 kW	18 kW	21 kW			
Per Channel	2 kW	3 kW	4 kW	5 kW	6 kW	7 kW			
DC Offset	<20 mV								
Output Noise	< 150 mV rms								
(DC – 300 kHz)									
Voltage									
Range			0 - ±50	0 Vdc					
Resolution	0.01								
Accuracy	± 0.25% F.S								
Maximum DC Current									
3 & 2 Phase modes	17.0 Add	21.0 Add	21.0 ADC	21.0 Add	21.0 Add	21.0 ADC			
1 Phase mode	51.0 Add	62.5 Add	62.5 Add	62.5 Add	62.5 Add	62.5 Add			
AC Input									
Input Voltage Range	380Vac – 480Vac ± 10%, 4 Wire, L1, L2, L3 and PE								
Frequency	47 - 63 Hz								
Nominal Phase Current @	10 Arms	14 Arms	19 Arms	24 Arms	29 Arms	34 Arms			
400Vac									
Nominal Phase Current @	8 Arms	12 Arms	16 Arms	20 Arms	24 Arms	28 Arms			
480Vac									
Input Power Factor	>0.99	>0.99	>0.99	>0.99	>0.99	>0.99			
Efficiency			#	*	>0.90	>0.90			
Measurements (Range / Ac	curacy)	I							
Voltage RMS $0 - 350 V_{LN} / 0.606 V_{LL} / \pm 0.25\%$ F.S.									
Current RMS <sup>3</sup>	17.0 A/±0.5% F.S.		34.0 A/±0.5% F.S.		2.0 A / ± 0.5% F.S.				
Power <sup>3</sup>		$3 \text{ kW} / \pm 1.5 \% \text{ F.S.}$							
Scope Function	Z IXW / T IJ /01.J.			1024 Samples / Ban		, いい / ニーン / いい			
Transient Functions		Sumple nate. 549		102 T Juli pies / Dall					
nunsiener unetions									

Note 1: Maximum Power rating is reduced below 40Hz on 3180AGX and 3210AGX models. Note 2: Extended Voltage Range: 0 - 365 VLN / 0 - 632 VLL, with VTHD < 1.0% @ 50~60Hz

Note 3: Measurement range is times three in single phase mode.



# **Technical Specifications**

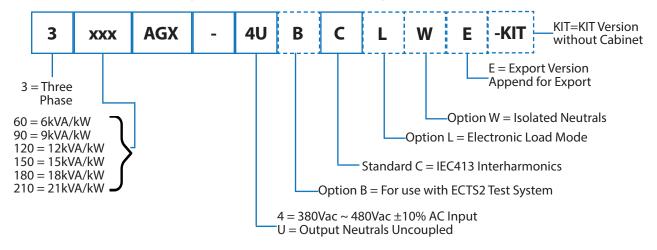
PARAMETERS / FUNCTIONS	SPECIFICATIONS						
Remote Control Interfaces							
Standard Interfaces	USB Type B, LAN, GPIB / IEEE488, RS232, all on rear panel						
LAN / Ethernet Interface	LXI compliant, Ethernet, RJ45, TCP/IP Protocol, Telnet Protocol Command Line						
GPIB Functions	IEEE488,1, IEEE488.2 (2003 incl., NI HS488) IEC 60488-1, IEC 60488-2 (2004) Functions: SH1, AH1, T6, L3, SR1, RL1, DC1, DT1						
WIFI (Optional)	Optional external USB connected WIFI adapter available.						
ModBus TCP (Optional)	Uses Power Source's LAN interface to connect to CANopen Fieldbus						
CAN/CAN-FD (Optional)	Uses USB to CAN-FD adapter to connect to CAN network						
Analog I/O (DB25 Connector Rear Panel)							
Analog Inputs (4)	Al1, Al2, Al3: Voltage A, B, C Al4: Frequency						
Range, Accuracy, Impedance	0 - 10Vdc for 0 - F.S.	± 0.1% F.S.	10 kOhm				
Analog Outputs (4)	AO1, AO2, AO3:	Vmeas A, B, C	AO4:	Pmeas All Phases sum			
Range, Accuracy, Impedance	0 - 10Vdc for 0 - F.S. ± 0.1% F.S. into 5kW 5 kOhm						
Digital I/O (DB25 Connector Rear Panel)							
Digital Inputs - Fixed (3)		sient Trigger, Phase Sy	/nc				
Digital Inputs - User (3)	DI1, DI2, DI3, Functions are user defined						
Digital Outputs - Open Collector (2)	External Relay Control to change output FORM, Relay Control for T Option						
Digital Outputs - TTL, Fixed (2)	Output Relay / Transient / Function Strobe / Phase Sync						
Digital Outputs - TTL, User (2)	DO1, DO2						
Output Voltage Levels	Low < 0.4V, High > 4.6V						
Environmental							
Cooling	Variable speed fan co	ooled, front intake, rea	ar exhaust				
Energy Saving Modes	Standby Mode:	Output Stages OFF	Sleep Mode:	All power stages OFF			
Temperature	Operating:	0 to 40 °C 32 to 104 °F	Storage:	-20 to 70 ℃ -4 to 158 °F			
Humidity & Altitude	<pre>&lt; 80%, non-condensing 2000 m / 6500 feet</pre>						
Miscellaneous System Features							
Front Panel Display Full Color, Touch LCD Display, 4.3" Diagonal size, 480 x 272 Pixels resolution							
USB Ports	2 on Front Panel, 1 on Rear Panel, All Type A						
SD Card	32 GB max. Capacity						
Video Output	Monitor Out, Front Panel						
Dimensions & Weights							
Chassis Size H x W x D	7.0" x 17.0" x 25.0" / 178 x 432 x 635 mm Shipping: 20" x 27" x 38" / 508 x 686 x 965 mm						
Weight Single 4U Height Unit	Net:	111.2 lbs. / 50.4 kg	Shipping:	151 lbs / 68.5 kg			
Regulatory Compliance							
Safety	IEC 61010-1:2010 (Ec	dition 3)					
EMC - Emissions / Immunity		2010 / EN 61000-4-2, -4	4-3, -4-4, -4-5, -4-6, -4-	8 and EN 61000-4 -11			
Product Category		easurement, Laborato					
Agency Approvals	CE Mark						
RoHS (DIRECTIVE 2011/65/EU)	Product Category EN50581:2012						
	El category El						



### **Ordering Information**

#### **AGX Series Model Number Encoder:**

Note: Solid outlined fields must be specified. Dashed outlined fields are optional.



NOTE: 4U indicates that the shorting bar for output neutrals will be installed on the units by default. If Option W is selected, the units will be shipped with shorting bar for neutrals removed and provided in the ship kit instead.

Order Example: 3210AGX-4CLWTypical Delivery ItemsAvailable Accessories• Bench Model, 21 kVA, 3-Phase, AC & DC<br/>Regenerative Power Source with USB,<br/>RS232, LAN, GPIB & AUX I/O• Power Source<br/>• Rack Mount Handles<br/>• Certificate of Compliance• Output shorting adapter for single<br/>phase output mode use. P/N 160086<br/>(not for W)

- Paralleling Cable, 1 Ft. (Included with Aux NC models). P/N 778036
- Rack slides. P/N 703251

Auxiliary Models (No controller) Order Example: 3210AGX-4UNC

#### **Software Options**

#### **Test Sequences**

- IEC Test Suite Includes IEC 61000-4-11p, IEC 61000-4-14, IEC 61000-4-17, IEC 61000-4-27p, IEC 61000-4-28, IEC 61000-4-29p and IEC 61000-4-34
- IEC 61000-4-13 (Option C)
- MIL-STD 1399-300B & -300-1 US
- DoD, Shipboard Power, AC Power Groups
- IEEE 1547.1-2020
- Semi-F47-0706
- KS C 9610-4-11, KS C 9610-4-29

#### **Avionics Test Sequences**

- ABD0100.1.8 Airbus A380, AC & DC Power Groups
- ABD0100.1.8.1 Airbus A350, AC & DC Power Groups
- AMD24C Airbus A400M, AC & DC Power Groups
- Boeing 787B3-0147 B787, AC & DC Power Groups
- MIL-STD704 US DoD, AC & DC Power Groups
- RTCA-DO160 Section 16, AC & DC Power Groups

Test Sequence Options require use of the standard SmartSource Suite via LAN or USB. Contact factory for details.



# Innovate the Way You Test

by making it simpler, safer, more productive, and sustainable.



### **Global Sales & Service Centers**



The Power of Expertise

#### **About Pacific Power Source**

Founded in 1971, Pacific Power Source is an industry leading manufacturer of AC and DC power test solutions. Our reputation as a market and technology leader stems from our best-in-class products, commitment to R&D investments, and exceptional worldwide customer support.

Pacific Power Source is a PPST Solutions Company.

#### **AMERICAS & INTERNATIONAL**

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