

Introducing the AGX Series

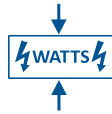
The Industry's Most Flexible, High Performing, and Intelligent All-in-1 Regenerative AC/DC Power Source



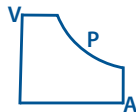
up to 21kVA in 4U



Regenerative



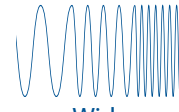
Power Density



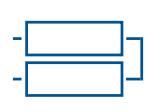
Constant Power



High Current



Wide Frequency Range



Scalable Power

Key Features

- 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 189kW per Cabinet, or Dual Cabinets up to 252kW
- Three-Phase High Power Systems up to 756kW
- 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 $\pm 500Vdc$
- 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
- IEC61000-4-13 Inter-Harmonics Test Option



Flexible Control

All-in-1 AGX Series

Regen AC/DC Power Source up to 756kW

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. Three-Phase High Power System configurations available up to 756kVA/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.

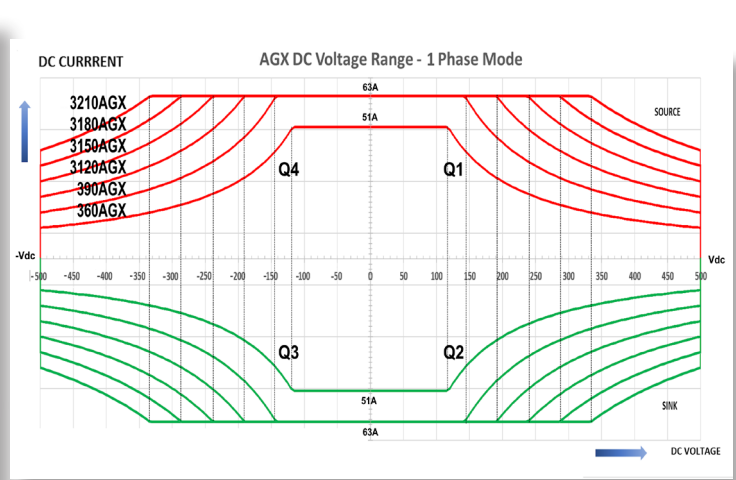
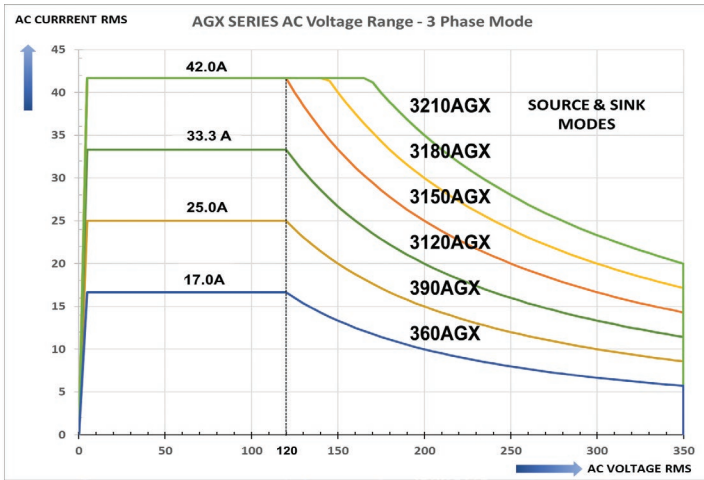
Application Examples:

- 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
- AI Power Servers
- EMC Compliance Testing

Constant Power Voltage Range

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

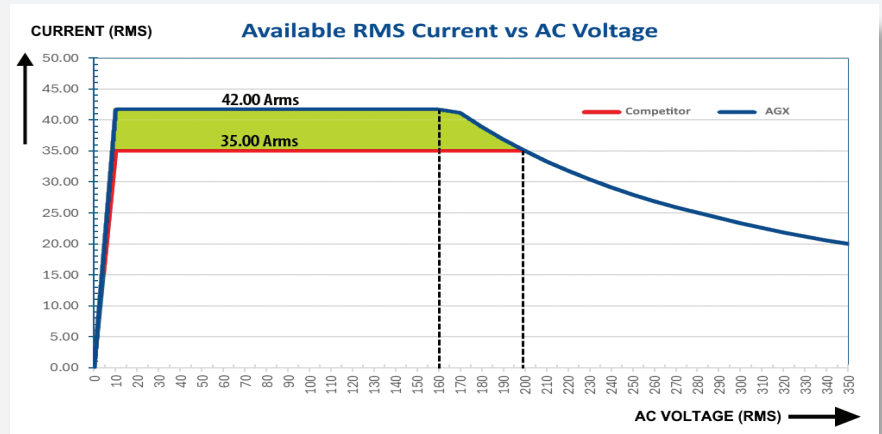
Typical dual range systems cause temporary output power loss when switching between ranges interrupting power to the unit under test. The AGX's constant power voltage range allows for testing a broad range of conditions and test requirements without interruption of output power.



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.

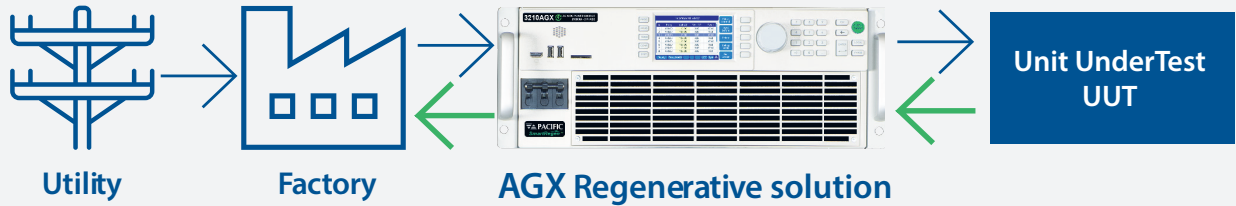
Simultaneous AC & DC Operation on Single Phases and Automatic Switching of Operation Modes

| | FORM 1 | FORM 2 | FORM 3 | FORM 4 | FORM 5 | FORM 6 |
|---------|-----------|-------------|-------------|-------------|-------------|-------------|
| Phase A | | | | ONE PHASE A | ONE PHASE A | SPLIT PHASE |
| Phase B | ONE PHASE | SPLIT PHASE | THREE PHASE | ONE PHASE B | ONE PHASE B | SPLIT PHASE |
| Phase C | | | | | ONE PHASE C | ONE PHASE C |

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.

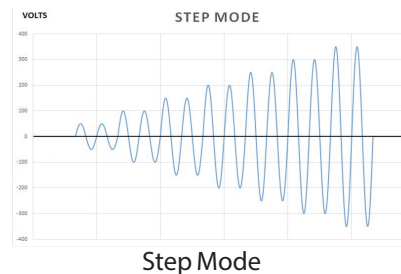
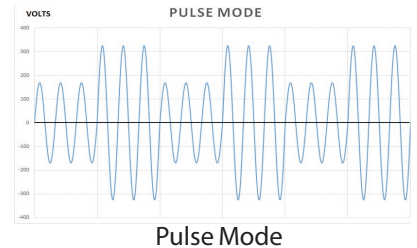
The AGX also offers extended frequency range from 1Hz to 3000Hz.



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



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.

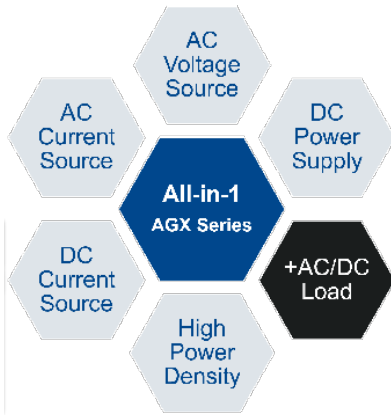
- Full control and measurement capability
- Program settings and measurement read back including digital scope and harmonics data
- Extensive safety protection settings
- Waveform selection, preview and edit modes
- Execution of user's custom test sequences
- Transient data entry and execution screen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



All-in-1 Capability

Current Source Included

The AGX Series includes AC, DC, AC+DC and DC+AC output capability. 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 applications 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)

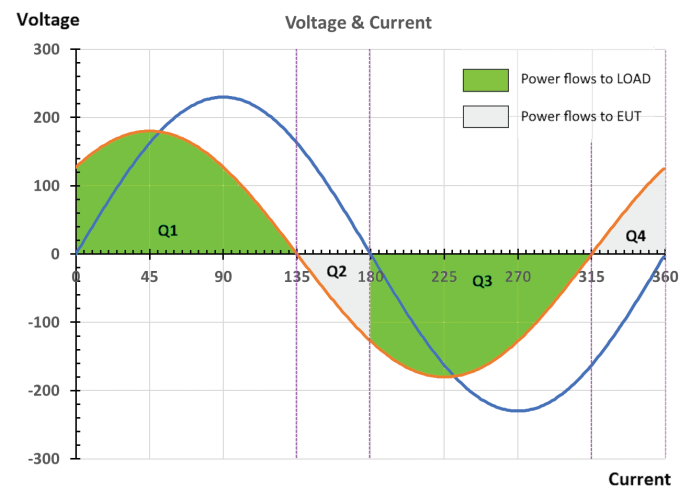
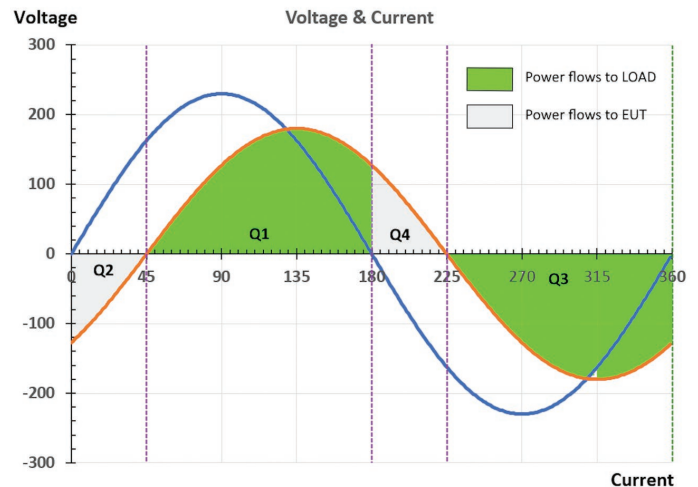
Optional load feature supports testing PV inverters, V2G, EV Chargers, EVSE, batteries, UPS, and AC/DC power supplies.

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 1 ϕ & 3 ϕ

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

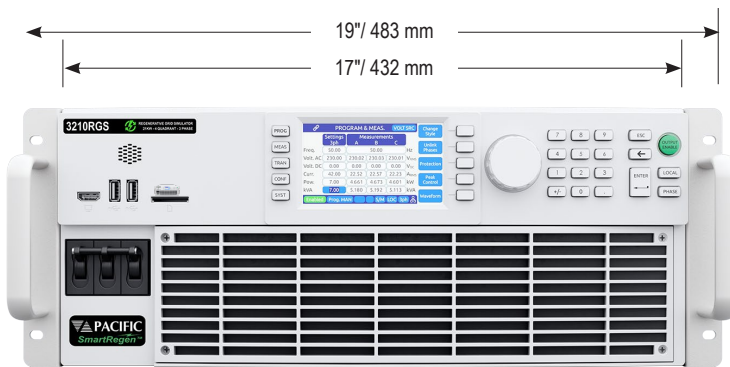


Rack Mount / Bench AGX Models

| MODEL | Phase Mode | Rated Power ¹ AC / DC mode | Voltage Ranges ² 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.

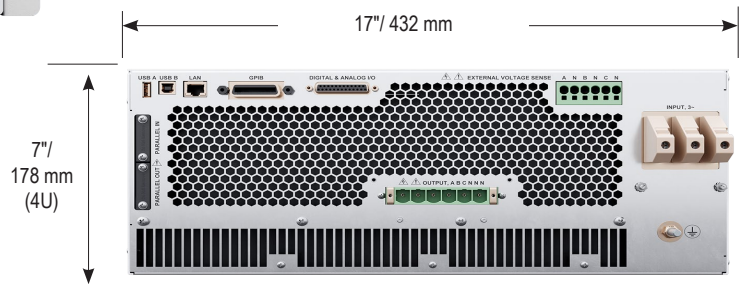
AGX Dimensions & Accessories



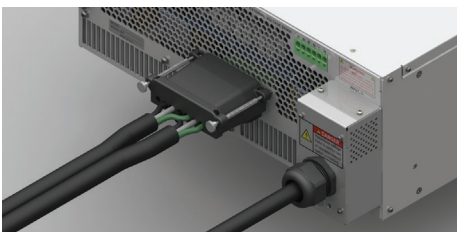
The AGX is designed for bench top or 19" equipment rack operation. Product is shown with included rack mount handles.

Depth of chassis is only 25.0 inch / 635mm / Fits into standard sized 19" cabinets

The AGX Rear Panel provides connections for AC Input, AC or DC Output, External Sense, Aux I/O and remote control interfaces.



Safety Cover & Strain Relief Kit Option



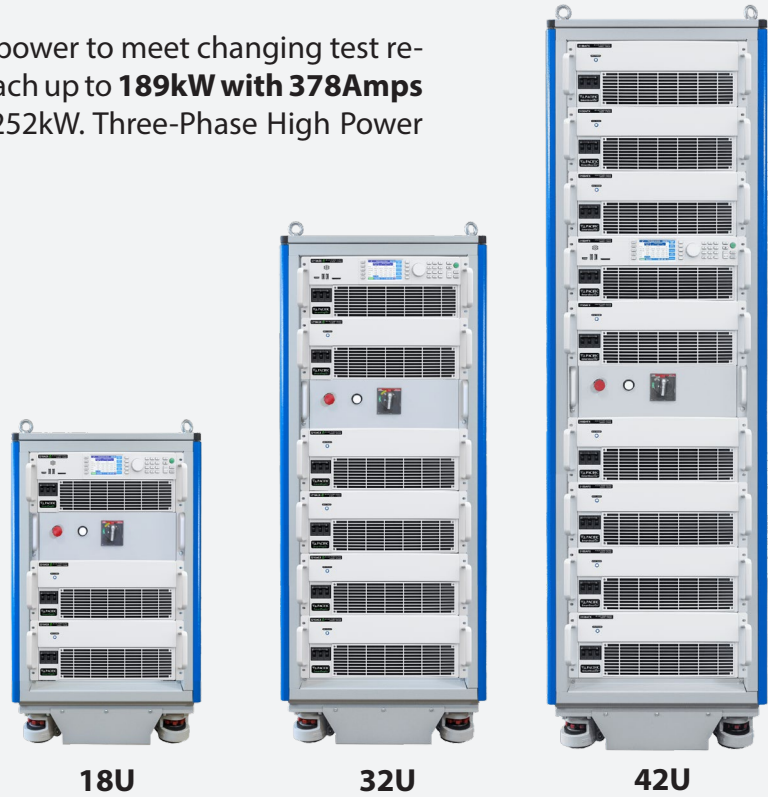
This optional kit includes covers for AC input and AC & DC Output connections. Both covers include wire strain relief to prevent accidental release of input or output wiring.

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. Three-Phase High Power System configurations available up to 756kW.

- 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 cabinets
- **Parallel configuration kits available** for system integrators using their own cabinets



Parallel Systems Installed in 19" EIA Rack Cabinet

| MODE | Rated Power ¹ AC / DC mode | Voltage Ranges ² 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 |

Three-Phase high power system configurations available up to 756kVA/kW; contact Factory for details.

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.

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 ¹ | 21 kW/kVA ¹ |
| Per Phase | 2 kW/kVA | 3 kW/kVA | 4 kW/kVA | 5 kW/kVA | 6 kW/kVA | 7 kW/kVA |
| Voltage | | | | | | |
| Range ² | 0 - 350 V _{LN} / 0 - 606 V _{LL} | | | | | |
| Resolution | 0.01 | | | | | |
| Accuracy | ± 0.25% F.S. | | | | | |
| Harmonic Distortion (V _{thd}) R Load | < 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 | | | | | |
| Load Regulation | ± 0.02% (CSC Mode) | | | | | |
| Phase Angle | Range - Phase B, C: 0 - 359.9° | | | | | |
| Phase Angle Resolution | 0.1° | | | | | |
| Maximum RMS Current | | | | | | |
| 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 | 15.00 – 1200.0 Hz | | | | | |
| Extended Range | 1.00 - 3000.0 Hz | | | | | |
| Resolution / Accuracy | 0.01 Hz / ± 0.01% | | | | | |
| DC Output² | | | | | | |
| 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 (DC – 300 kHz) | < 150 mV rms | | | | | |
| Voltage | | | | | | |
| Range | 0 - ±500 V _{DC} | | | | | |
| Resolution | 0.01 | | | | | |
| Accuracy | ± 0.25% F.S. | | | | | |
| Maximum DC Current | | | | | | |
| 3 & 2 Phase modes | 17.0 A _{DC} | 21.0 A _{DC} | 21.0 A _{DC} | 21.0 A _{DC} | 21.0 A _{DC} | 21.0 A _{DC} |
| 1 Phase mode | 51.0 A _{DC} | 62.5 A _{DC} | 62.5 A _{DC} | 62.5 A _{DC} | 62.5 A _{DC} | 62.5 A _{DC} |
| AC Input | | | | | | |
| Input Voltage Range | 380Vac – 480Vac ± 10%, 4 Wire, L1, L2, L3 and PE | | | | | |
| Frequency | 47 - 63 Hz | | | | | |
| Nominal Phase Current @ 400Vac | 10 Arms | 14 Arms | 19 Arms | 24 Arms | 29 Arms | 34 Arms |
| Nominal Phase Current @ 480Vac | 8 Arms | 12 Arms | 16 Arms | 20 Arms | 24 Arms | 28 Arms |
| Input Power Factor | >0.99 | | | | | |
| Efficiency | >0.90 | | | | | |
| Measurements (Range / Accuracy) | | | | | | |
| Voltage RMS | 0 – 350 V _{LN} / 0-606 V _{LL} / ± 0.25% F.S. | | | | | |
| Current RMS ³ | 17.0 A / ± 0.5% F.S. | 25.0 A / ± 0.5% F.S. | 34.0 A / ± 0.5% F.S. | 42.0 A / ± 0.5% F.S. | | |
| Power ³ | 2 kW / ± 1.5 % F.S. | 3 kW / ± 1.5 % F.S. | 4 kW / ± 1.5 % F.S. | 5 kW / ± 1.5 % F.S. | 6 kW / ± 1.5 % F.S. | 7 kW / ± 1.5 % F.S. |
| Scope Function | Sample Rate: 54932.47 Hz / Window: 1024 Samples / Bandwidth: 3000 Hz | | | | | |
| Transient Functions | | | | | | |
| Programming | 200 Steps / 400 Segments, LIST, PULSE & STEP Modes, Frequency, Volt AC, Volt DC, Waveform, Ramp Time, Dwell Time. Time range: 0.1 - 10000000.0 ms, Time resolution 0.2 ms | | | | | |
| Execution | Run from step # to step #, Run, Step, Restart, Stop | | | | | |

Note 1: Maximum Power rating is reduced below 40Hz on 3180AGX and 3210AGX models.

Note 2: Extended Voltage Range: 0 - 365 V_{LN} / 0 - 632 V_{LL}, with V_{THD} < 1.0% @ 50~60Hz

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

Note 4: Voltage Range values shown is for Source Mode

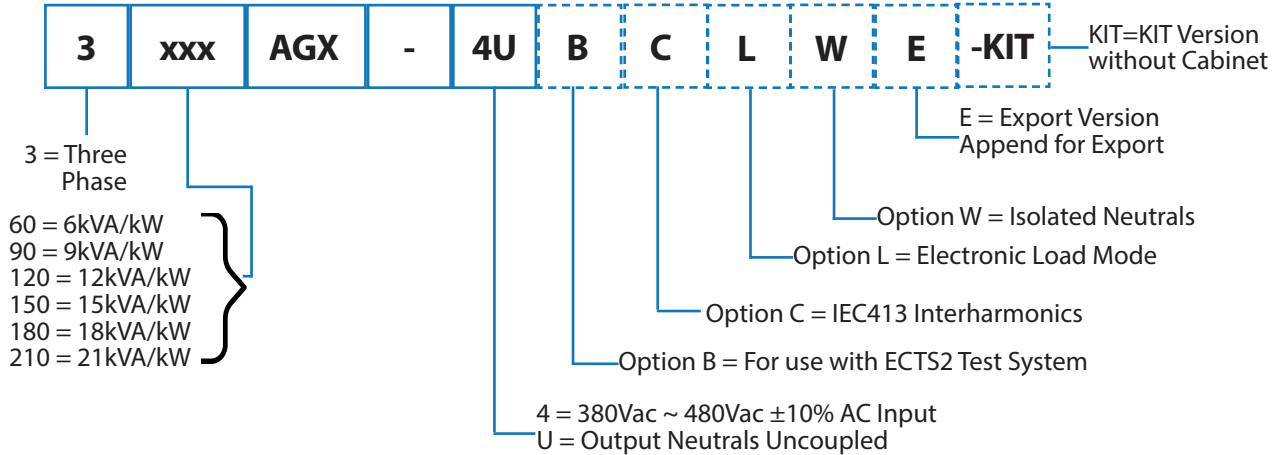
Technical Specifications

| 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) | AI1, AI2, AI3, AI4 | User defined functions | | | |
| Range, Accuracy, Impedance | -10 to +10V | ± 0.1% F.S. | 5 kOhm | | |
| Analog Outputs (4) | AO1, AO2, AO3, AO4 | User defined measurement functions | | | |
| Range, Accuracy, Impedance | 0 - 10Vdc for 0 - F.S. | ± 0.1% F.S. into 5kW | < 10 Ohm | | |
| Digital I/O (DB25 Connector Rear Panel) | | | | | |
| Digital Inputs - Fixed (3) | Remote Inhibit, Transient Trigger, Phase Sync | | | | |
| 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 cooled, front intake, rear 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 °C -4 to 158 °F | |
| Humidity & Altitude | < 80%, non-condensing | | 2000 m / 6500 feet | | |
| 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 (Edition 3) | | | | |
| EMC - Emissions / Immunity | EN 55011:2009+A1:2010 / EN 61000-4-2, -4-3, -4-4, -4-5, -4-6, -4-8 and EN 61000-4 -11 | | | | |
| Product Category | EN 61326-1:2013 (Measurement, Laboratory and Control Equipment) | | | | |
| Agency Approvals | CE Mark | | | | |

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-4CLW | Typical Delivery Items | Available Accessories |
|--|---|---|
| <ul style="list-style-type: none"> Bench Model, 21 kVA, 3-Phase, AC & DC Regenerative Power Source with USB, RS232, LAN, GPIB & AUX I/O | <ul style="list-style-type: none"> Power Source Rack Mount Handles Certificate of Compliance | <ul style="list-style-type: none"> Output shorting adapter for single phase output mode use. P/N 160086 (not for W) Paralleling Cable, 1 Ft. (Included with Aux NC models). P/N 778036 Rack slides. P/N 703251 |
| <p>Auxiliary Models (No controller) Order Example: 3210AGX-4UNC</p> | | |

Software Options

| Test Sequences | Avionics Test Sequences |
|--|---|
| <ul style="list-style-type: none"> 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 1275 Rev E 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 | <ul style="list-style-type: none"> 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.

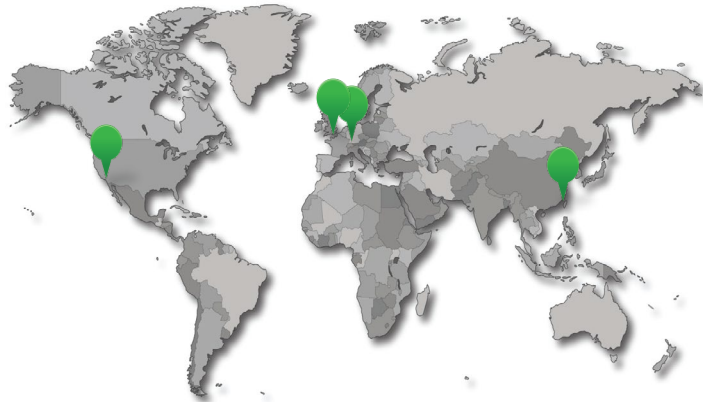


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