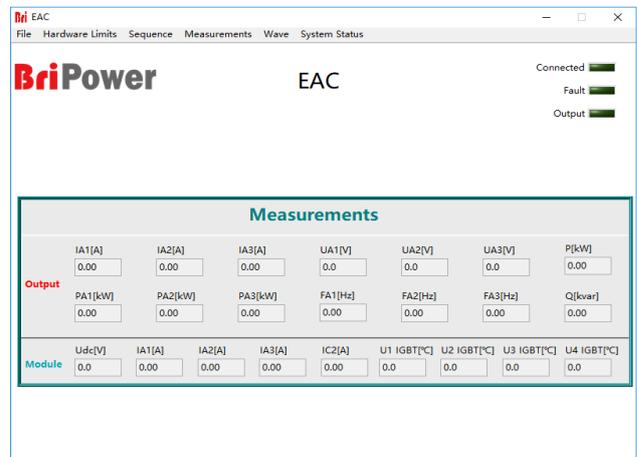
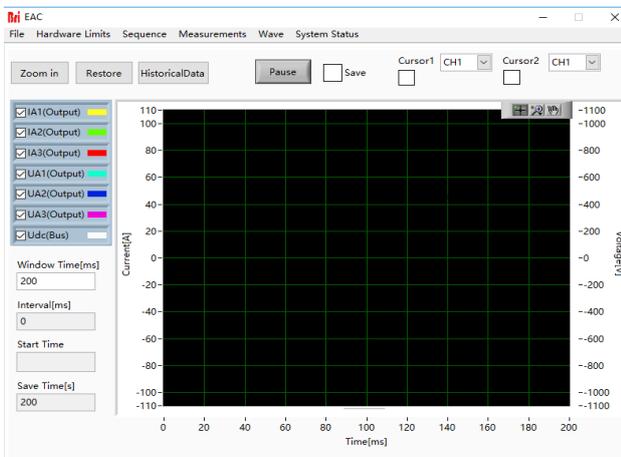
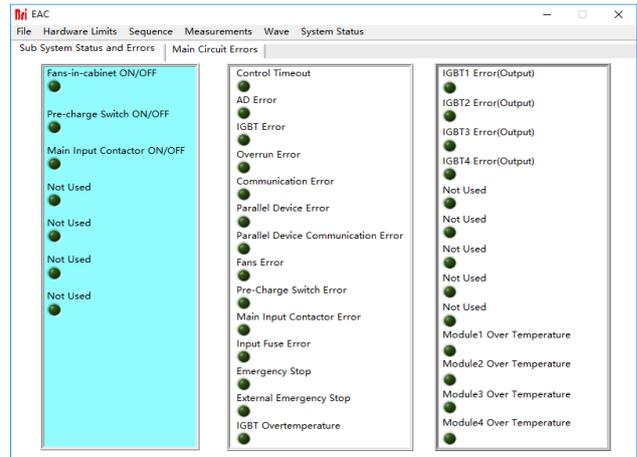
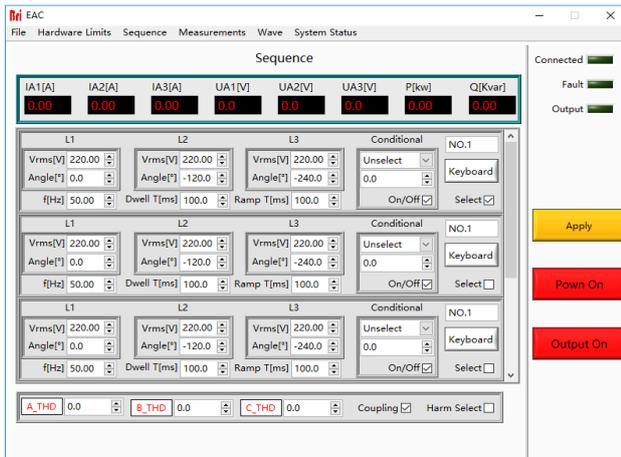


- Output power: 20 ~ 100kVA for single system
- Adjustable output voltage
- Adjustable frequency from 50 Hz to 400 Hz
- Fast dynamic response
- Independent three-phase output
- Output voltage is extended to 0 ~ 220 V (- HV option)
- LAN/RS485 interfaces
- TFT-Touch panel operation
- Mod-bus/SCPI protocols
- Emergency stop button
- Graphical user interface
  - GUI software is included, and is installed in front touch panel, which uses windows OS. The software provides following functions:
    - Output limits and output settings
    - Sequence mode output settings
    - Measurement display: voltage, current, power, etc
    - Capture, display and save output voltage and current waveforms
    - Display power failure
- Customizable voltage, current and power ranges

### Overview

BriPower AVS series AC power supply is a medium frequency power supply with high performance, multi-function and high reliability, which adopts advanced IGBT / PWM control technology and has the characteristics of low distortion sinusoidal output, fast dynamic response and high efficiency. AVS can be widely used in aerospace generators, electronic transformers, electronic components, low-voltage power distribution and other industries.

With touch panel on the front panel, user can control the power source with GUI software. System status indicators and emergency stop button are installed on the front panel. Programming interfaces including RS485 and LAN interfaces are standard for automated test applications.



**General Specification** (customized unit specification will be shown in the quotation)

Input	
AC input Voltage	3P+N+PE, 380VLL±10%(std)
Frequency	47-63Hz
Efficiency	≥90%
Power Factor	0.95
Output	
Output waveform	Standard sine wave
Circuit control	IGBT / PWM modulation
Phase	Independent three-phase output (3P + N)
Power Level	Single system: 20kVA – 100kVA, can be customized
Voltage Ranges	0-150V L-N (std), can be customized
Current Ranges	Customizable for customer need.

Frequency range	50-400Hz
Phase output	Phase B/C relative to phase A, 0.0~360.0°
Harmonic Generation	Up to 40 <sup>th</sup>
Load Regulation	0.2%FS
Line Regulation	0.1%FS
THD	<1% (Resistive Load)
Power Accuracy	0.5%FS
Voltage Accuracy	0.5%FS
Current Accuracy	0.5%FS
Frequency Accuracy	0.01Hz (~100Hz), 0.05Hz (>100Hz)
Phase accuracy	<1.2° (@50Hz)
Power Resolution	0.1kW
Voltage Resolution	0.1V
Current Resolution	0.1A
Frequency Resolution	0.01Hz
<b>Others</b>	
Protection	OVP, OCP, OTP
Regulatory	CE Conformity
Cooling	Forced Air Cooling
Altitude	<2000m
Temperature	Operating: 0~40°C Storage: -20~85°C
Operating Humidity	20-90%RH (None Condensing)

### Options

-HV Output voltage is extended to 0 ~ 220V

### AC Input Configuration

**Please specify the input voltage (L-L)**

/208, Input Voltage 208V±10%, 3-phase

/230, Input Voltage 230V±10%, 3-phase

/380, Input Voltage 380V±10%, 3-phase

/400, Input Voltage 400V±10%, 3-phase

/480, Input Voltage 480V±10%, 3-phase

### Model Configuration

#### AVS AAA-BBB-CCC-DDD/EEE

AAA: Power, kVA

BBB: Voltage (L-N)

CCC: Current (per Phase), A

DDD: Option

EEE: Input configuration



Picture of AVS 50kVA

### About BriPower

Bridge Technology is a company focusing on business of power supplies and test systems for new energy applications. We are devoted to providing high quality products and solutions for customers.

Bridge Technology has a top-class R&D team in China, works on modularization and standardization power supplies and systems. We have sales, technical support, R&D and manufacture in Shanghai, Nanjing and Chengdu.

Nanjing Bridge New Energy Technology was founded on Jan 12th, 2016, focusing on R&D and manufacturing BriPower brand power systems, including bi-directional AC sources for grid simulation, bi-directional DC sources for battery simulation, and regenerative loads. The BriPower AC&DC power systems are widely used in new energy and related fields.

Factory: Nanjing Bridge New Energy Technology Co., Ltd

Sales Company: Shanghai Bridge Electronic Technology Co., Ltd

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Repair & Calibration: service@bridgetech.cn

Tel: 40010-18618

Int'l Sales: contact@bridgetech.com.sg