



BRIDGE

BIP Series Dual Output Power Source

The BriPower BIP series power source integrates two independent outputs into one power system. Each output can be AC or DC, and the two outputs share the same input power.

The design of BIP series is a cost-effective solution for the applications, which requires different output, but not at the same time.

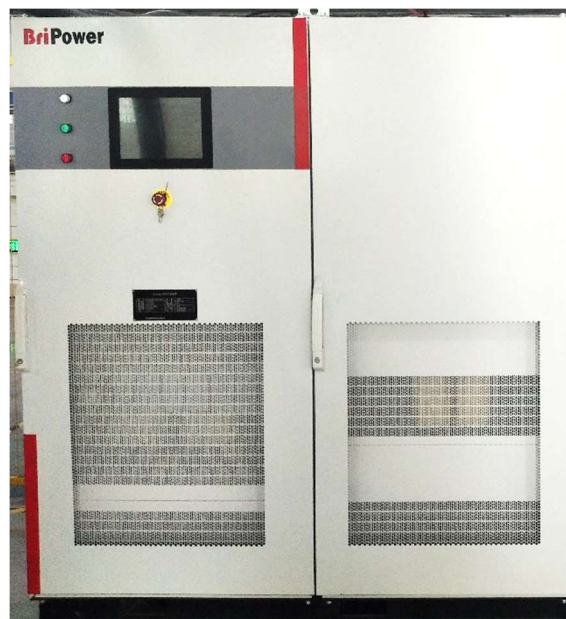
The AC or DC output of BIP series is the same as BriPower ESA or ESD series output.

Please refer to ESA and ESD datasheets for general specifications.

The output power level of the two channels can be different. And the input power covers the higher power requirement of the two output channels.

The two output channels can also be customized to work at the same time by increasing input power. (-S option)

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



ESA series AC power source features

- Independent three-phase output
- 4 quadrant operation, regenerative up to 100% of rated output power back to grid. (-R option)
- Voltage and frequency sequencing programming via GUI, slew rate can be programmed
- ON and OFF output phase angle can be programmed
- Voltage drop simulation (LVRT for inverter test)
- Current limit can be programmed, output terminals can be shorted for short circuit test
- Trigger out, TTL signal output for voltage or frequency change
- Up to 40th harmonic waveform generation
- Configured as regenerative AC load (-LD option)
- Configured as AC load for anti-islanding test (-RLC option)

ESD series DC power source features

- Output voltage up to 1500V
- Applications: battery simulation, battery test, PV simulation
- Program accuracy up to 0.1%

BriPower AC & DC Power Solutions



BRIDGE

BIP Series Dual Output Power Source

- Seamless transition between source and sink modes (-R option)
- Current rise time <1ms (-FST option)
- CC/CV/CP/CR mode available
- Customized voltage, current and power ranges
- Emergency stop button
- Switchable insulation monitoring
- Output contactor

Options

- 232 RS232 program interface
- CAN CAN-bus program interface
- SCPI SCPI program language

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

BIP AAA-BBB-CCC /DDD

AAA: Channel-1 Power

BBB: Channel-2 Power

CCC: Option

DDD: Input configuration

Note: For BIP series, detailed customized specifications are provided according to each project.



Contact Info

Web: www.bripower.cn

Phone: 40010-18618

Mail: info@bridgetech.cn

International Sales: adnan.kolbasi@bridgetech.cn