

# 100kW LOAD BANK



- 10. RS-485 interface.
- 11. RS-485 interface.
- 12. Ignition switch.
- 13. Power supply input interface working.

- 1. Meter.
- 2. Failure.
- 3. Control mode selector switch.
- 4. Emergency stop.
- 5. Voltage selection switch.
- 6. Fan power supply.
- 7. Confirm loading.
- 8. Power adjustment switch.
- 9. Charging power supply input interface.

## MAIN FUNCTIONS:

- A** Users can seamlessly configure adjustable charging power within the rated power limit.
- B** Comprehensive display options for current, voltage, frequency, and power factor, in addition to active, reactive, and apparent power.
- C** Equipped with sophisticated software-programmable control, it provides detailed graphical displays of current, voltage,

frequency, and power metrics. This data can be easily saved and printed for analysis. Control Mode: Choose from intuitive manual control via the control panel, remote control box, or opt for advanced PC control.

Display Meters: Versatile multifunction digital meter or specialized generator tester available.

Protection: The comprehensive protection suite includes overload, overheating, and short-circuit protection, along with an emergency stop switch, ensuring maximum safety.

### TECHNICAL PARAMETERS

Capacity Voltage/Frequency	240/480VAC 3 phases 3 wires, 50Hz/60Hz
Rated power	Resistive load: 100 kW
Loading step	Total of 5 charging steps: 5/10/20/25/40. Minimum step starting at 5 kW.
PF (Power Factor)	1
Load tolerance	±3%
Display Accuracy	0.5 class
Power control	External 85~240VAC/50~60Hz/1kW
Cable connection	quick plug
Communication interface	RS485
Isolation	F
Duty cycle	Continuous
Refrigeration	Forced-air cooling, horizontal air intake & exhaust
Transport	Lift handles on top / Suitcase
Color	White/Dark Gray/White Dark Gray/Customer's preference
Dimencion	Approximately 666mm x 310mm x 637mm (L/W/H)
Weight	About 35 kg

### OPERATING ENVIRONMENT PARAMETER

Workplace	Inside
ambient temperature	-20C°~+50C°
Relative humidity	≤95%
Altitude	≤2500 meters
Atmospheric pressure	86~106kPa