

HF-BT-403

Intelligent AC Load Bank Tester



AC Load Bank Tester simulates actual electrical loads to conduct comprehensive testing for generators, UPS systems and power equipment. It validates output performance, temperature rise and protection functions, widely used in factory acceptance, on-site commissioning and regular maintenance of power supply units.

Key features

- Large touch screen display with touch operation for convenience and intuition; all data shown on one screen.
- Single unit continuously adjustable power from 0~100kW; higher power available via parallel operation.
- Three-phase current adjustable between 0~160A; the unit can operate under unbalanced three-phase load conditions.
- Dual AC & DC load function: automatically identifies AC and DC voltages. Works as both AC load and DC load, meeting discharge test requirements for UPS battery packs.
- Load duration configurable as required, continuously adjustable from 0~99 hours in minute increments.

Technical specifications

Parameter	Value
Load Power	Optional 1-100kW
Load Duration	Adjustable 0-100 hours
Load Voltage	Upper & lower voltage limits configurable; full discharge data record storage
Rated Load Voltage	3-phase 380V
Cooling Method	Air cooling
Voltage Measurement Range	0-480V Resolution: 0.1V Accuracy: $\pm 1V$
Current Measurement Range	0-200A Resolution: 0.1A Accuracy: $\pm 1A$
Power Measurement Range	0-100kW Resolution: 0.1kW Accuracy: $\pm 1\%$
Communication Interface	USB data transmission
Working Power Supply	220V/50Hz $\pm 10\%$ (power can be taken from mains or equipment itself)
Dimensions	1100 mm * 500 mm * 1000 mm
Weight	80kg

Compliance and documents

Applicable standards	[TO BE CONFIRMED] standard applied to this model
Calibration certificate	[TO BE CONFIRMED]
Optional accessories	[TO BE CONFIRMED]

Warranty and support

12-month warranty on every exported instrument. English operation manual and remote video guidance at commissioning. T/T, L/C at sight and deposit terms for bulk orders; sea, air or rail shipping.