

# 100kW LOAD BANK



## OPERATING ENVIRONMENT PARAMETER

Place of work	Interior
Ambient temperature	-20C° ~ +50C°
Relative humidity	≤95%
Altitude	≤2500 meters
Atmospheric pressure	86~106kPa



## TECHNICAL PARAMETERS

Capacity Voltage/ Frequency	400VAC 3-phase 4-wire, 50HZ/60HZ
Power rating	Resistive load: 100 kW
Load step	Total 8 load steps: 1kW, 2 kW, 2 kW, 2 kW, 5 kW, 10 kW, 20 kW, 20 kW, 40kW. Can freely switch from 1 kW to 100 kW, the step value is 1 kW.
PF(Power Factor)	1
Load tolerance	±3%
Display accuracy	class 0.5
Power control	External 85V~240VAC/50-60Hz/1kW
Cable connection	Load power input--Copper bus bar (star "Y" coupling) Control power input--3-core power plug.
Communication interface	RS485
Isolation	F
Duty cycle	Continuo
Cooling	Forced air cooling, horizontal air inlet and air outlet
Transportation	There are lifting lugs at the top
Color	White aluminum alloy
Dimension	Approximately 540mm×292mm×604mm
Weight	Approximately 35kgs
Packing dimensions	Aproximadamente 660mm *370mm*850mm
Packing weight	About 52 kg



## MAIN FUNCTIONS:

The user can load any power within the nominal range and verify parameters such as three-phase voltage, current, active/reactive/apparent power, power factor, frequency and genset running time.

Charging/discharging can be done from the local panel or via PC software, allowing power to be preset and activated with a single button.

**Control modes:** Local manual: panel with load steps from 1 kW, controlled by buttons.

**Automatic by PC:** software for automatic charging/discharging, display, logging, data management, curve formation and printable graphs.

An interlock switch on the panel allows selection of the control mode; only one can be active at a time.

Includes one-key load/unload function and 3-line multifunction LED display.