

2000kW RESISTIVE BENCH

PRODUCT NAME	LOAD BANK
Model	2000kW
Charging power (KW)	2000kW Resistive Load
Load step adjustment (KW)	1kW,2kW,2kW,5kW,10kW,10kW,20kW,50kW,100kW,9*200kW
Power factor (Cos ϕ)	1
Nominal voltage and frequency	480 V AC, 3-phase, 4-wire, 50/60 Hz
Power control	External 380VAC, three-phase 4-wire 50/60Hz
Control mode	1.Local manual 2.Remote control 3.PC software
Refrigeration system	Forced air cooling, using an axial fan; horizontal air intake, vertical exhaust cooling
Dimension (mm)(reference)	4000mm*2100mm*2100mm (L*A*A)
Net weight (kg) (reference)	5000
Transport	Lifting, there are lifting lugs on the top of the housing.
Communication interface	RS485, RS232
Enclosure	Container type with a ladder, air inlet and outlet with mesh enclosure, and a protective door; adequate internal lighting will be provided.
Protection	IP55
Loading accuracy (for each step)	±5%
Load accuracy (for each load bank)	±3%
Display Accuracy	0.5 class
Isolation	F
Operating status	Continuous
Atmospheric pressure	86-106kPa
Conditions environment	Temperature: -20~+50 degrees, humidity: ≤95%, altitude: ≤2500m;
Relative humidity	Outdoor use is permitted
Connection mode	Load bank input--Copper bar (star-Y coupling) Control power input--Connecting bar



APPLICATION

It is used in ships, oil, offshore platforms, data centers, telecommunications, finance, nuclear energy, military, mobile power plants, power plant safety, rail transit, aviation, aerospace, renewable energy, smart grids (microgrids), instrument switches, research and teaching, etc.

The Power Rent load bank is available from 50-6000kW with AC 110V-20kV, resistive or inductive resistive.



SCOPE OF SUPPLY

load bank	Resistive; Awning type, outdoor use
Integrated control	Integrated control system with load step adjustment
Intelligent control	Self-developed system: prepared for manual loading and automatic loading
Contactor	Schneider
Fuse	Miro
PCL	Siemens
Others	RS485 cable (10 m), RS485, RS232, USB converter, data processing software