



DATA CENTER LOAD SOLUTIONS

A MANUFACTURER  
IN CHINA

# RATA LOAD BANK

For Data Center



**Power supply equipment performance testing expert**

**Deyang Rata Technology Co., Ltd**

Sales Department | [sales@cnloadbank.com](mailto:sales@cnloadbank.com)



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## RATA

### DATA CENTER LOAD TESTING EXPERT

Rata is an ISO9001:2015 certified enterprise and a national high-tech enterprise. Rata has been focusing on R & D and production of load bank for nearly 10 years. It has 23 utility model patent certificates and 8 computer software copyright certificates. Rata makes unremitting efforts to become a global power equipment performance testing expert.

**Head office** Deyang Rata Technology Co., Ltd  
**Address** Deyang, Sichuan, China  
**Branch office** Beijing Rata Technology Co., Ltd  
**Address** Changping, Beijing, China

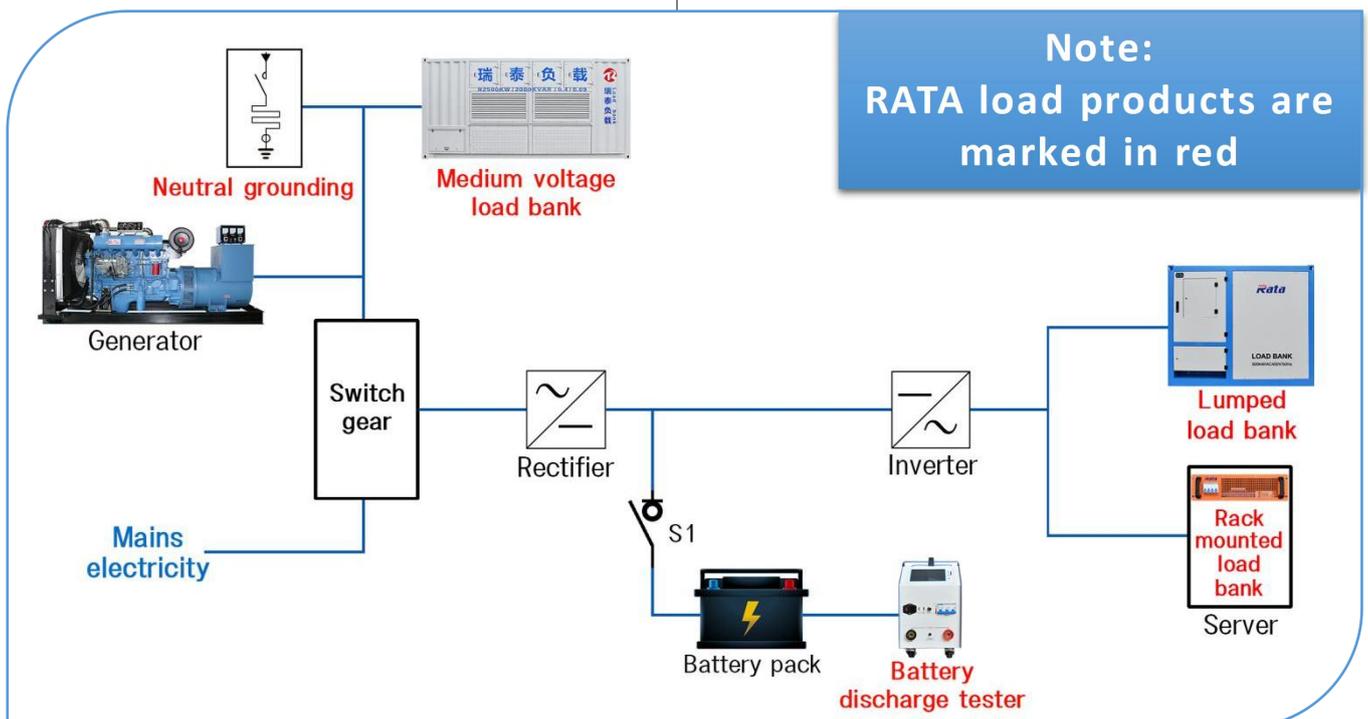


## OUR PRODUCTS

- **Medium and low voltage resistive load bank**
- **Resistive reactive load bank**
- **Rack mounted load bank**
- **Charging pile load bank**

## MAIN CUSTOMERS

Huawei, Cummins, Tellhow power supply, Everbright Group, CSIC, China Electric Power Research Institute, Chengdu Airlines Group, Shenyang Airlines Group, and Xi'an Airlines Group.



### RACK MOUNTED LOAD BANK



#### OPTIONAL:

- Customizable voltage range: 110V/220V/230V/240V.
- Display instrument can be added.
- The fan speed regulation function can be added .
- Double power input interface for automatic switching can be added.
- Inductive or resistive inductive rack mounted load bank can be customized.
- By default, only 6kW to 12KW are equipped with high temperature protection function. All models support adding all protection functions.



### PARTIAL PARAMETERS:

Load accuracy:	±2%
Control power:	AC220V/50Hz
Control mode:	Load switching of manual miniature circuit breaker
Cooling mode:	Forced air cooling,forward air,rear air
Insulation class:	F
Color:	Customized
Ambient temperature	-20℃ to 50℃



### PRODUCT SERIES TABLE:

Model	Power	Voltage	Size	Fan
RT-RM-3	3kW	AC230V	3U	120DC
RT-RM-3.5	3.5kW	AC230V	3U	120DC
RT-RM-4	4kW	AC230V	4U	150AC
RT-RM-4.5	4.5kW	AC230V	4U	150AC
RT-RM-5	5kW	AC230V	4U	150DC
RT-RM-5.5	5.5kW	AC230V	4U	150DC
RT-RM-6	6kW	AC230V	6U	120DC
RT-RM-7	7kW	AC230V	6U	120DC
RT-RM-8	8kW	AC230V	8U	150AC
RT-RM-9	9kW	AC230V	8U	150AC
RT-RM-10	10kW	AC230V	8U	150DC
RT-RM-12	12kW	AC230V	8U	150DC

**LOW VOLTAGE  
RESISTIVE LOAD BANK**



**OPTIONAL:**

- Voltage 380V/400V/415V/440V
- The protection level can be customized IP54
- Customizable remote automatic control mode
- Can add casters
- Optional local touch screen operation
- Customized customer logo and color
- The wiring mode can be copper bar or quick plug



**PARTIAL PARAMETERS:**

Control method	Local manual
Cooling method	Forced air cooling
Line entry	Down line
Protection function	High temperature, air volume, overcurrent, phase sequence, emergency stop
Use environment	Indoor
Protection class	IP23
Display accuracy	0.5
Sampling accuracy	0.2
Application scenarios	UPS lumped load test
Ambient temperature	-20°C to 50°C
Humidity	Up to 100%



**PRODUCT SERIES TABLE**

Model	Power	Voltage	Frequency	PF
RT-L-R-200	200kW	AC400V	50Hz/60Hz	1
RT-L-R-300	300kW	AC400V	50Hz/60Hz	1
RT-L-R-500	500kW	AC400V	50Hz/60Hz	1
RT-L-R-800	800kW	AC400V	50Hz/60Hz	1
RT-L-R-1000	1000kW	AC400V	50Hz/60Hz	1
RT-L-R-1200	1200kW	AC400V	50Hz/60Hz	1

**LOW VOLTAGE  
RESISTIVE CAPACITIVE LOAD BANK**



**OPTIONAL:**

- Voltage 380V/400V/415V/440V
- The protection level can be customized IP54
- Customizable remote automatic control mode
- Can add casters
- Optional local touch screen operation
- Customized customer logo and color
- The wiring mode can be copper bar or quick plug



**PARTIAL PARAMETERS:**

Control method	Local manual
Cooling method	Forced air cooling
Line entry	Down line
Protection function	High temperature, air volume, overcurrent, phase sequence, emergency stop
Use environment	Indoor
Protection class	IP23
Display accuracy	0.5
Sampling accuracy	0.2
Ambient temperature	-20℃ to 50℃
Humidity	Up to 100%



**PRODUCT SERIES TABLE**

Model	Power	Voltage	Frequency	PF
RT-L-RC-200	200kW	AC400V	50Hz/60Hz	0.9
RT-L-RC-300	300kW	AC400V	50Hz/60Hz	0.9
RT-L-RC-500	500kW	AC400V	50Hz/60Hz	0.9
RT-L-RC-800	800kW	AC400V	50Hz/60Hz	0.9
RT-L-RC-1000	1000kW	AC400V	50Hz/60Hz	0.9
RT-L-RC-1200	1200kW	AC400V	50Hz/60Hz	0.9

**MEDIUM VOLTAGE  
RESISTIVE LOAD BANK**



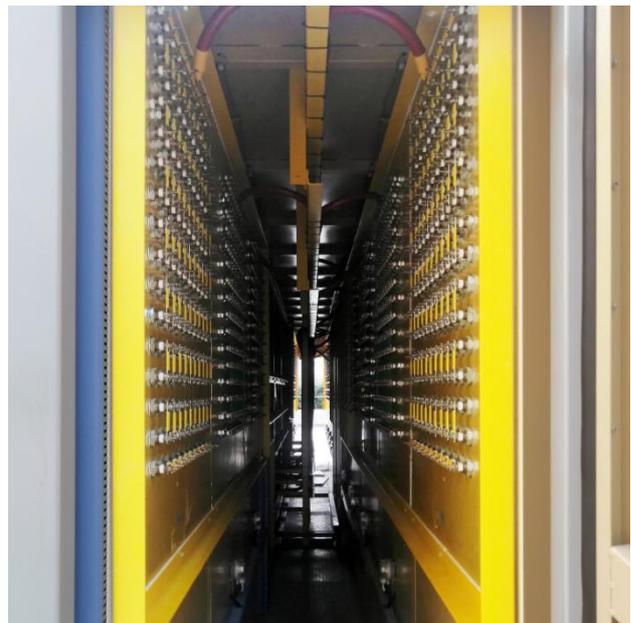
**OPTIONAL:**

- Voltage can be customized low voltage 380V/400V/415V/440V/690V , and 400V/690V can be switched
- Customizable top air outlet
- Customizable local touchscreen control
- Customized customer logo and color
- The wire entry method can be selected as bottom entry or side entry.
- Optional electric blinds.
- Configurable remote console.



**PARTIAL PARAMETERS:**

Control method	Local manual
Cooling method	Forced air cooling
Line entry	Down line
Protection function	High temperature, air volume, overcurrent, phase sequence, emergency stop
Protection class	IP23
Display accuracy	0.5
Sampling accuracy	0.2
Ambient temperature	-20℃ to 50℃



**PRODUCT SERIES TABLE**

Model	Power	Voltage	Frequency	PF
RT-MR-1500	1500kW	10.5kV	50Hz/60Hz	1
RT-MR-1600	1600kW	10.5kV	50Hz/60Hz	1
RT-MR-1800	1800kW	10.5kV	50Hz/60Hz	1
RT-MR-2000	2000kW	10.5kV	50Hz/60Hz	1
RT-MR-2200	2200kW	10.5kV	50Hz/60Hz	1

**MEDIUM VOLTAGE  
RESISTIVE CAPACITIVE LOAD BANK**



**OPTIONAL:**

- Voltage can be customized low voltage 380V/400V/415V/440V/690V , and 400V/690V can be switched
- Customizable top air outlet
- Customizable local touch screen control
- Customized logo and color can be customized
- The incoming line can be selected as bottom incoming line or side incoming line.
- Optional electric shutters .
- Configurable remote console .



**PARTIAL PARAMETERS:**

Control method	Local manual
Cooling method	Forced air cooling
Working mode	Continuous
Line entry	Down line
Protection function	High temperature, air volume, overcurrent, phase sequence, emergency stop
Use environment	Indoor
Protection class	IP54
Display accuracy	0.5
Sampling accuracy	0.2
Ambient temperature	-20℃ to 50℃
Humidity	Up to 100%
Warranty period	3 years
Delivery time	30 days



**PRODUCT SERIES TABLE**

Model	Power	Voltage	Frequency	PF
RT-MRC-1500	1500kW	10.5kV	50Hz/60Hz	0.9
RT-MRC-1600	1600kW	10.5kV	50Hz/60Hz	0.9
RT-MRC-1800	1800kW	10.5kV	50Hz/60Hz	0.9
RT-MRC-2000	2000kW	10.5kV	50Hz/60Hz	0.9
RT-MRC-2200	2200kW	10.5kV	50Hz/60Hz	0.9

**BATTERY DISCHARGER  
BATTERY LOAD BANK**



**OPTIONAL:**

- Single voltage detection module
- Fluke clamp instrument
- Extended load unit



**PARTIAL PARAMETERS:**

Current test accuracy	1%
Whole group voltage resolution	0.01V
Voltage test accuracy	0.5%
Modbus	RS232,USB
Control mode	7 inch LCD touch screen
Working voltage	AC 220V ± 15%
Insulated interface	Equipped with grounding point



**PRODUCT SERIES TABLE**

Rated voltage	Input Voltage	Discharge current	Applicable battery pack voltage
48V	19-60V	0-30A,50A,100A,150A,200A,300A,	24V,36V,48V
96V	57-132V	0-30A,50A,100A,150A,200A,300A	72V,96V,110V
110V	88-132V	0-30A,50A,100A,150A,200A,300A	96V,110V
220V	176-264V	0-30A,50A,100A,150A,200A,300A	220V,240V
380V	304-456V	0-30A,50A,100A,150A,200A	380V
480V	384-600V	0-30A,50A,100A,150A	480V

**GROUNDING RESISTANCE CABINET**  
**NETR-100A-58Ω-10S**



◆ Neutral grounding through resistance is to connect a resistor in series between the neutral point of the power grid and the ground. Proper selection of the resistance value of the connected resistor can not only release the energy of the second half wave of the single-phase grounding arc, thus reducing the possibility of arc re ignition and suppressing the radiation value of the grid overvoltage, but also improve the sensitivity of the relay protection device to act on tripping, thus effectively protecting the normal operation of the system.

◆ The neutral grounding resistance cabinet of transformer is a complete set of grounding equipment including grounding transformer, which can be installed in the auxiliary power system of power plant, power supply system of substation and power distribution system of industrial and mining enterprises to realize the system operation mode of neutral grounding through resistance for these power grids.



## ABOUT RATA:



◆ Rata is an original manufacturer of load bank in China. Since its establishment, Rata has obtained 23 utility model patents and 8 computer software copyright registration certificates. In addition, Rata is a national high-tech enterprise and an enterprise certified by the ISO9001: 2015 quality management system.

◆ Since its establishment, Rata has continuously delivered nearly 10000 sets of load bank products to data centers and third-party testing institutions around the world. The quality of its products has been strongly recognized by buyers.

## PRE-SALES:

◆ **Implementation plan:** Before you purchase our products, our customer service will communicate with you about your technical requirements in detail, and provide you with professional production technical proposals and reasonable quotations. After you approve our plan and pay an advance payment, you can start the production task.

◆ **Signing the contract:** In order to provide you with reliable product quality assurance and delivery time assurance, we suggest to conduct transactions through Alibaba Sinosure orders.

◆ **Payment method:** We provide you with reliable payment methods, including 50% advance payment, 40% delivery of the preceding paragraph and 10% acceptance payment. We suggest TT payment, but you can also negotiate other payment methods with us.

## PRODUCTION AND DELIVERY:

◆ After the production task is officially started, our customers will confirm the necessary product requirements with you again to ensure that the finished products are as you want.

◆ Our product components are selected from international famous brands such as ABB, Schneider, etc.

◆ Our sales staff will provide you with production progress throughout the process, including but not limited to text, pictures and videos.

◆ Generally, the average production cycle time of our products is 30 days, which depends on the complexity of the products.

◆ At the time of delivery, we will try our best to provide you with all the accessories (including quality inspection reports) and vulnerable parts you want.

## AFTER-SALES:



◆ The warranty period is 3 years from the date of product acceptance. In addition, we provide lifelong free technical consultation.

◆ During the warranty period, the Seller shall provide 7 \* 24h remote technical support for any quality problem of the system.

◆ In case of a difficult problem, we will come to your place to deal with it, and will not leave until the problem is solved.

◆ If necessary, the seller will upgrade the system for users at the most favorable price.