



**LOAD BANK**  
**Fully Customizable**

Power equipment performance testing expert

Generator Test  
UPS Power Supply Test  
Data Center Test  
Transformer Test  
Emergency Power Supply Vehicle Test  
Other Power System Test

# Table of contents

Company profile	1
Certificates	2
Product Introduction	3
Product overview	3
Field of use	3
Characteristic	4
Production process	4
Product catalog	6
Resistive load bank	6
Product series	7
Product parameters	8
Product example	9
Inductive load bank	11
Product series	12
Product parameters	13
Product example	14
Resistive inductive load bank	15
Product series	16
Product parameters	17
Product example	18
DC load bank	19
Product series	19
Product parameters	20
Product example	21
Rack mounted load bank	22
Product series	23
Product parameters	23
Product example	24
Electronic load	25
Product series	26
Product parameters	27
Product example	27
Battery discharger	28
Product series	28
Product parameters	29
Product example	29
Service	30

## Company profile >>>



Deyang Rata Technology Co., Ltd., founded in 2013, is located in Jinshan Industrial Park, Deyang, Sichuan, China, close to the entrance and exit of Jinshan G5 of Beijing Kunming expressway, with convenient transportation.

The company integrates R & D, production, sales and service of high and low voltage load bank, resistance bank and Inductor. The company has a scientific research team composed of excellent high-tech talents with rich experience and high professional level, and a high-quality technical management team. It has many years of professional load bank design and manufacturing experience, perfect design innovation system and strong R & D ability.

The company has passed ISO9001:2012 quality system certification, and all products have independent intellectual property rights. It has obtained a number of patents, software copyright and various honors. It has been widely recognized by friends at home and abroad.

The company's products are widely used in large-scale power generation system testing, whole ship acceptance, generator set delivery inspection, daily maintenance, aging and resistance testing in the fields of aviation equipment, marine engineering and ship construction, power distribution infrastructure, micro module and construction quality testing in the data center, battery charging, discharging, activation and testing, as well as smart grid - micro grid Scientific research and teaching, electric vehicle charging management and other fields. It can provide users with the whole process services from design, manufacturing, installation, commissioning, training to maintenance, as well as OEM, leasing and on-site testing services, as well as the maintenance of various diesel generators.

# Certificates >>>

Since its establishment in 2013, Rata has obtained 16 utility model patent certificates, 8 computer software copyright registration certificates, and obtained high and new tech enterprise certificate in December 2020.



High and new tech enterprises



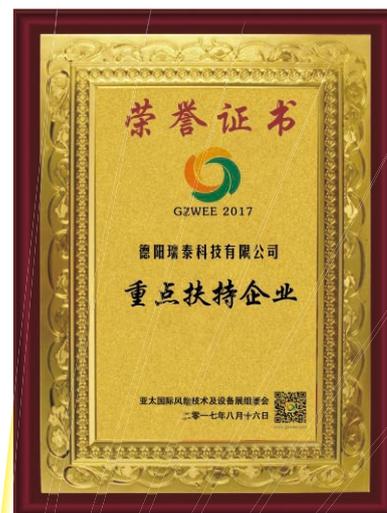
ISO:9001 quality management system



Member of Deyang Lighting Industry Association



Bronze member of engine house



Asia Pacific International key supporting enterprises

# Product Introduction >>>

## Product overview

Load bank is a kind of testing equipment, mainly for generator, uninterruptible power supply (UPS), power transmission equipment testing and maintenance. It can avoid the economic loss caused by the failure of standby unit and power supply startup, and also provides a scientific basis for the carrying capacity of new units.

The fuel used in the generator set is diesel. Under the condition of less than 50% load or no-load, light load will be formed, resulting in insufficient fuel, carbon deposition, lower efficiency of the whole machine, and eventually leading to start-up failure, insufficient power, excessive fuel, premature cylinder opening, maintenance and even scrapping.

The use of load can avoid the above situation and improve the reliability of diesel generator set. The load bank equipment can improve an effective test and maintenance means for the generator set and verify the characteristics under full load without interrupting the very important actual load.

## Field of use

Marine, land and ocean engineering power station testing

Testing, delivery and acceptance of generator set

UPS power testing and routine maintenance

Wind turbine testing

Solar photovoltaic power station testing

Frequency conversion power supply, frequency converter testing

Battery discharge testing

Power transmission testing

Gas turbine testing

## Characteristic

The operator can control the system through local manual control or remote PC to adjust the load capacity.

Load setting. With generator static electricity, dynamic, sudden loading, sudden unloading test, provide a variety of data chart visual display and automatic analysis, and provide analysis results (minimum 0.1kW / 0.1kva), thus greatly improving the work efficiency.

Suitable for 400V, 440V, 600V or other voltage levels.

Not affected by weather conditions, all-weather continuous work.

The high-power load bank is made of standard container box, with firm structure and easy lifting and moving.

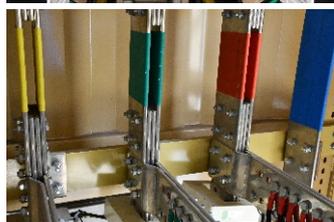
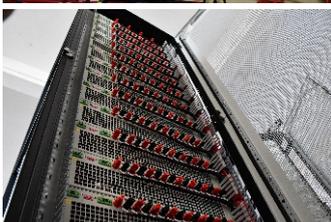
The system meets the test requirements of national standard, ship standard, military standard, telecommunication standard and international standard.

## Production process

The outer frame of the load bank is made of special cold-rolled steel plate, which can be customized indoors and outdoors as needed.

The resistance tube is made of stainless steel, and the temperature drift coefficient is less than or equal to 2%. The resistance value error of the resistance tube is between plus and minus 3%, the operating temperature is one third of the design temperature, and there is no red heat when working for a long time.

The cooling fan adopts large axial flow fan, and the designed air volume is more than 10% more than the actual required air volume, which ensures the outlet temperature of load bank.



## Resistive load bank >>>



Rata resistive load bank is a special equipment for generator type test and delivery inspection. The optional intelligent test system can automatically complete the measurement of all electrical parameters of the generator and automatically generate various charts, curves and reports. Our high-voltage load can directly measure the high-voltage power supply without transformer. They generally adopt remote operation mode, which is connected with the load body through the network cable of notebook or experimental platform to control the load and ensure the safety of operators.

## Product series >>>

**Note: all parameters are for reference only and can be customized**

Power(kW)	Voltage(kV)	Frequency(Hz)	Size(mm,L*W*H)	Weight(Kg)
<b>Low voltage</b>				
100	0.4	50	1100*900*1000	320
200	0.4	50	1350*1100*1100	450
300	0.4	50	1500*1200*1200	650
400	0.4	50	1700*1500*1500	830
500	0.4	50	1700*1600*1600	950
600	0.4	50	1800*1600*1600	1150
800	0.4	50	1900*1800*1700	1900
1000	0.4	50	2300*1700*2100	2100
1200	0.4	50	2500*1800*2200	2300
1500	0.4	50	2500*1860*2300	2600
1800	0.4	50	3000*2000*2300	4000
2000	0.4	50	3000*2000*2300	5000
2500	0.4	50	4000*2438*2500	6000
3000	0.4	50	6000*2438*2500	7000
<b>Medium voltage</b>				
1000	6/10.5	50/60	3000*2438*2500	3500
1200	6/10.5	50/60	4000*2438*2500	3900
1500	6/10.5	50/60	4000*2438*2500	4500
1600	6/10.5	50/60	5000*2438*2500	5000
1800	6/10.5	50/60	5000*2438*2500	6500
2000	6/10.5	50/60	6000*2438*2500	7500
2200	6/10.5	50/60	6000*2438*2500	8000
2500	6/10.5	50/60	6000*2438*2500	10000
3000	6/10.5	50/60	7000*2438*2500	12000
4000	6/10.5	50/60	8000*2438*2500	14000
5000	6/10.5	50/60	9000*2438*2500	15000
6000	6/10.5	50/60	12000*2438*2500	16000
7000	6/10.5	50/60	12000*2438*2500	17000
8000	6/10.5	50/60	12000*2438*2500	18000

## Product parameters >>>

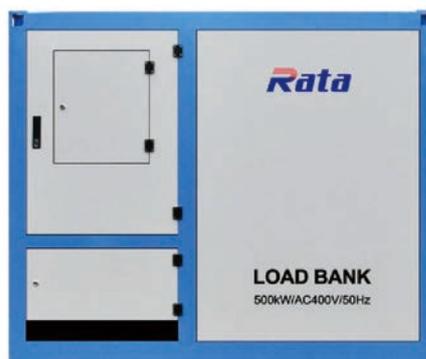
<b>Note: all parameters are for reference only and can be customized</b>	
Product name	Resistive load bank
Formation	One load bank(Including dry resistance load, electrical control components, measurement and control system)
Load step	According to customer needs
Load connection	Copper bar
Resistor	Each resistance element: insulation impedance DC1000V/100MΩ above Withstand voltage ac 2000v for 5min Resistance error of each resistance tube:±3%
Load control	Local manual control, local automatic control or remote automatic control can be selected
Loading accuracy	Less than or equal to 3%
Three phase balance	Unbalance degree less than or equal to 3%
Minimum step	1kW
Working mode	Continuous work
Load protection	Short circuit, overcurrent, high temperature, fan fault protection
External power	TN-C,380V/50Hz
Cooling mode	Forced air cooling, side air outlet or top air outlet
Insulation class	F
Measurement accuracy	The display accuracy is 0.5,the sampling accuracy is 0.2
Electrical parameter display	Three phase voltage, three-phase current, frequency, power, etc
Voltage rising mode	Realized by transformer
Load expansion	Parallel expansion of multiple load containers
Standard	Meet international standard, ship standard, military standard and telecommunication standard
Transport	The load bank has a load-bearing lifting hole, which meets the requirements of long-distance transportation
Color	Customized
Ambient temperature	-20°C to 50°C
Humidity	Up to 100%
Altitude	Up to 2500m
Atmospheric pressure	86 to 106kPa

# Product example >>>

## 200kW/400V resistive load bank



## 500kW/690V/400V resistive load bank



# Product example >>>

## 1000kW/690V/400V resistive load bank



## 5000kW/10kV resistive load bank



## Inductive load bank >>>



Rata inductive load bank is composed of full inductive load. Generally, the full inductive load needs to be matched with resistive load to realize the parallel use of multiple machines. The customer can specify whether to design the data acquisition function and control mode. Among them, the inductor is produced by rata with high reliability and strong maintainability. The customer can specify copper inductor or aluminum inductor.

## Product series >>>

<b>Note: all parameters are for reference only and can be customized</b>				
Inductive power(kvar)	Voltage(kV)	Frequency(Hz)	Size(mm,L*W*H)	Weight(Kg)
100	0.4/0.69	50/60	800*1200*1000	600
200	0.4/0.69	50/60	1000*1200*1500	1200
300	0.4/0.69	50/60	1200*1500*1600	1800
400	0.4/0.69	50/60	1500*1500*1800	3000
500	0.4/0.69	50/60	1500*1500*2000	3600
600	0.4/0.69	50/60	1500*1800*2000	4000
800	0.4/0.69	50/60	2000*1800*2000	4500
1000	0.4/0.69	50/60	2300*2000*2200	5000
1200	0.4/0.69	50/60	2300*2000*2500	6000
1500	0.4/0.69	50/60	2500*2000*2500	7000
1800	0.4/0.69	50/60	3000*2000*2200	8000
2000	0.4/0.69	50/60	3000*2438*2500	9000
2200	0.4/0.69	50/60	3000*2438*2500	10000
2500	0.4/0.69	50/60	3500*2438*2500	11000

## Product parameters >>>

<b>Note: all parameters are for reference only and can be customized</b>	
Formation	Outdoor container type, inductive load, data acquisition, electrical control part, heat dissipation device and load protection control (generally used with resistive load)
Load step	According to customer needs
Load connection	Copper bar
Inductor	Withstand voltage AC3000V 1 minute, inductance error of each Inductor:±3%
Load control	Local manual control, local automatic control or remote automatic control can be selected
Loading accuracy	Less than or equal to 3%
Three phase balance	Unbalance degree less than or equal to 3%
Minimum step	1kW
Working mode	Continuous work
Load protection	Short circuit, overcurrent, high temperature, fan fault protection
External power	TN-C,380V/50Hz
Cooling mode	Forced air cooling, side air outlet or top air outlet
Insulation class	F
Measurement accuracy	The display accuracy is 0.5,the sampling accuracy is 0.2
Electrical parameter display	Three phase voltage, three-phase current, frequency, power, etc
Voltage rising mode	Realized by transformer
Load expansion	Parallel expansion of multiple load containers
Standard	Meet international standard, ship standard, military standard and telecommunication standard
Transport	The load bank has a load-bearing lifting hole, which meets the requirements of long-distance transportation
Color	Customized
Ambient temperature	-20°C to 50°C
Humidity	Up to 100%
Altitude	Up to 2500m
Atmospheric pressure	86 to 106kPa

# Product example >>>

## 100kvar inductive load bank



## 500kvar inductive load bank



## Resistive inductive load bank >>>



Rata resistive inductive load bank is developed on the basis of resistive load bank. Shunt reactor or magnetic valve controllable reactor can be selected for inductive load, and the power factor is 0.8. Resistive inductive load bank has the advantages of simple operation, small volume and convenient transportation. According to the load capacity, it can be used in parallel. Load test has the advantages of high precision, convenient adjustment, no test preparation time, continuous and long-term use and so on. The intelligent test load system of generator set is divided into two parts: load group and control system; The load control of the bank is divided into local control, local control and remote control. In addition, customers can customize various specifications of load banks according to your own needs.

## Product series >>>

**Note: all parameters are for reference only and can be customized**

Active power (kW)	Inductive power (kvar)	Apparent power (kVA)	Voltage (kV)	P.F.	Frequency (Hz)	Size (mm,L*W*H)	Weight (Kg)
100	75	125	0.4/0.69	0.8	50/60	1500*1500*1500	900
200	150	250	0.4/0.69	0.8	50/60	1700*1600*1500	2000
300	225	375	0.4/0.69	0.8	50/60	1800*1600*1600	3200
400	300	500	0.4/0.69	0.8	50/60	2000*2000*2000	4000
500	375	625	0.4/0.69	0.8	50/60	2300*1800*1800	5000
600	450	750	0.4/0.69	0.8	50/60	2500*2000*1800	6000
800	600	1000	0.4/0.69	0.8	50/60	3000*2438*2000	7000
1000	750	1250	0.4/0.69	0.8	50/60	3000*2438*2500	8000
1200	900	1500	0.4/0.69	0.8	50/60	3500*2438*2500	9000
1500	1125	1875	0.4/0.69	0.8	50/60	4000*2438*2500	10000
1800	1350	2250	0.4/0.69	0.8	50/60	4500*2438*2500	11000
2000	1500	2500	0.4/0.69	0.8	50/60	5000*2438*2500	12000
2200	1650	2750	0.4/0.69	0.8	50/60	5500*2438*2500	13500
2500	1875	3125	0.4/0.69	0.8	50/60	6000*2438*2500	15000
3000	2250	3750	0.4/0.69	0.8	50/60	6500*2438*2500	17000

# Product parameters >>>

Note: all parameters are for reference only and can be customized		
Load bank	Formation	Outdoor container type,resistive load,inductive load,data acquisition,electrical control part,heat dissipation device and load protection control
	Test voltage	According to customer needs
	Test frequency	50Hz/60Hz
	Load character	Resistive inductive load,to meet the needs of multiple parallel work
	Power factor	0.8
	Load connection	Copper bar
	Loading accuracy	±3%
	Three phase balance	Inbalance: less than or equal to 3%
	Working mode	Continuous work
	Power supply	TN-C,380V/50Hz
	Cooling mode	Forced air cooling, side air outlet or top air outlet
	Insulation class	F
	Accuracy	The sampling accuracy of the instrument is 0.2; (Voltage:±0.5%,current:±0.5%,frequency:±0.1%,power:±1%,Cos:±1% )
	Load expansion	Parallel expansion of multiple load containers
Load protection	Short circuit, over voltage, over current, high temperature, air volume, emergency stop protection	
Resistive load	Minimum step	1kW
	Load step	According to customer needs
	Resistance tube	Insulation impedance of each resistance element DC1000V 20MΩ above, withstand voltage AC2000V 1 minute, Resistance error of each resistance tube:±3%
	Resistive material	Special alloy resistor
	Cold and hot state change	less than or equal to 2%
Inductive load	Minimum step	1kvar
	Load step	According to customer needs
	Inductor	Withstand voltage AC3000V 1 minute, inductance error of each Inductor:±3%
	Material	Aluminum reactor or copper reactor
Other	Protection level	IP56 when not in use, IP20 when in use
	Use occasion	Outdoors
	Transport	The box body has a load-bearing lifting hole, which meets the requirements of long-distance transportation
	Color	Customized
	Standard	Meet international standard, ship standard, military standard and telecommunication standard
	Color	Customized
	Ambient temperature	-20°C to 50°C
	Humidity	Up to 100%
	Altitude	Up to 2500m
	Atmospheric pressure	86 to 106kPa

# Product example >>>

**R2000kW/690V/400V resistive inductive load bank**



**R2500kW/L2000kvar/400V resistive inductive load bank**



**R2500kW/L2000kvar/10kV/400V resistive inductive load bank**



## DC load bank >>>

DC load bank (electric discharge load) is suitable for testing the output power and carrying capacity of communication and AC equipment such as power supply, UPS equipment, AC voltage regulator, inverter and switching power supply. It is used for daily maintenance test, engineering acceptance and factory inspection test of various DC power supply.

The DC load bank of our company adopts high reliability relay for switching, which is suitable for all voltage levels.



## Product series >>>

**Note: all parameters are for reference only and can be customized**

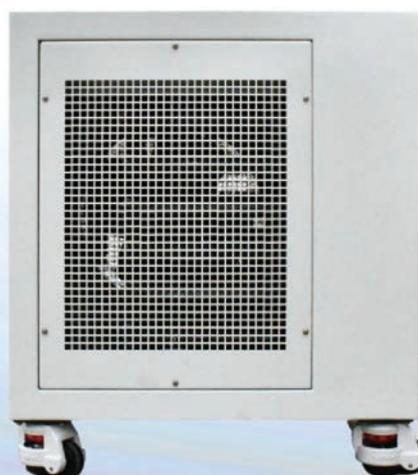
Electric current(A)	Voltage(V)	Size(mm,L*W*H)	Weight(Kg)
100	DC12-DC1000	380*680*1020	120
200	DC12-DC1000	600*680*1080	250
500	DC12-DC1000	700*1000*1500	400
1000	DC12-DC1000	800*1000*2000	500
1500	DC12-DC1000	1000*1000*2200	650
2000	DC12-DC1000	1000*1500*2200	800

## Product parameters >>>

<b>Note: all parameters are for reference only and can be customized</b>	
Rated voltage	According to customer needs
Load step	According to customer needs
Load accuracy	Each gear:±3%
Load accuracy	The whole machine is ±5%
Display accuracy	Grade 0.2
CONTROL POWER	External AC 220V/50Hz
Connection mode	Load first DC power input—copper bar (DC positive and DC negative)
	Load second DC power input—copper bar (DC positive and DC negative)
	Control power input - Terminals (L+N)
Insulation class	F
Protection level	IP23
Cooling mode	Forced air cooling,side air inlet,side air outlet and upper air outlet
Noise	3 meters away from the equipment, less than or equal to 80 dB
Transport	Lifting, the top of the chassis with load-bearing rings, bottom with casters
Control mode	Local intelligent control
Function	I、V、kW real time display, electrical performance index detection, system electrical parameters monitoring
Color	Customized
Ambient temperature	-20°C to 50°C
Humidity	Up to 100%
Altitude	Up to 2500m
Atmospheric pressure	86 to 106kPa

# Product example >>>

## DC 28.5V/800A load bank



## Rack mounted load bank >>>



The rack mounted AC dummy load equipment can fully simulate the power usage, heat dissipation and other air flow changes of the server. Through the use of rack mounted load bank for integration test, the effective operation of power supply and distribution system (including UPS system), air conditioning fresh air system, lightning protection and grounding system, monitoring system, comprehensive environment of computer room, it environment of cabinet and decoration engineering of computer room is ensured, and the design and operation requirements are verified.

Rack mounted AC dummy load is widely used in data center and switch room. Rack mounted AC dummy load can also be used as load in other industries.

## Product series >>>

Note: all parameters are for reference only and can be customized					
Power(kW)	Voltage(V)	Frequency(Hz)	Height	Loading step	Function
3	220/240	50/60	3U	0.5kW	Fan speed control, dual power switching
3.5	220/240	50/60	3U		
4	220/240	50/60	4U		
4.5	220/240	50/60	4U		
5	220/240	50/60	4U		
6	220/240	50/60	6U		
7	220/240	50/60	6U		
8	220/240	50/60	8U		
9	220/240	50/60	8U		
10	220/240	50/60	8U		
12	220/240	50/60	12U		

## Product parameters >>>

Note: all parameters are for reference only and can be customized	
Rated voltage	AC230V
Maximum load power	According to customer needs
Load grading	According to customer needs
Load accuracy (per gear)	±2%
Connection mode	Three input,independent control power input
Control power	AC220V/50Hz
Insulation class	F
Working mode	Continuous work
Cooling mode	Forced air cooling,forward air,rear air
Control mode	Load switching of manual miniature circuit breaker
Protection function	High temperature alarm(70°C) high temperature automatic unloading(85°C)
Color	Customized
Ambient temperature	-20°C to 50°C
Humidity	Up to 100%
Altitude	Up to 2500m
Atmospheric pressure	86 to 106kPa

# Product example >>>

## 6kW rack mounted load bank



## Electronic load >>>

The power density of RATAFE series electronic load is twice that of traditional load. It has wider current range and extremely high dynamic frequency, which effectively increases the test ability and application range. The powerful instantaneous overload capacity can reach more than 2 times of the rated power, which greatly improves the reliability of the load and effectively reduces the test cost. It has rich working modes and adjustable slope of voltage and current.

RATA electronic load can be used for discharge test of power cell, lead-acid cell and fuel cell; BMS and battery protection device test; Test of power electronic devices such as DC charging pile and charging module; High power switching power supply, UPS power supply, communication power supply, server power supply test and solar cell array, industrial motor virtual load test.

## Product series >>>

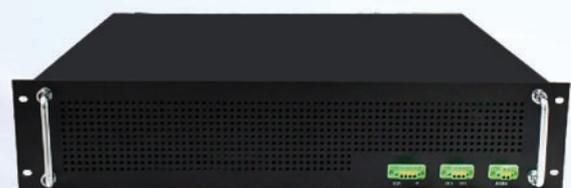
Model	Power	Voltage	Current	Model	Power	Voltage	Current
RT2500-3U				RT5000-6U			
RT2500-28-80	2.5kW	28	80	RT5000-28-160	5kW	28	160
RT2500-60-40		60	40	RT5000-60-80		60	80
RT2500-80-30		80	30	RT5000-80-60		80	60
RT2500-150-20		150	20	RT5000-150-40		150	40
RT2500-300-10		300	10	RT5000-300-20		300	20
RT2500-500-6		500	6	RT5000-500-12		500	12
RT2500-600-5		600	5	RT5000-600-10		600	10
RT2500-750-3		750	3	RT5000-750-7		750	7
RT2500-1000-3		1000	3	RT5000-1000-6		1000	6
RT7500-7U				RT10000-8U			
Model	Power	Voltage	Current	Model	Power	Voltage	Current
RT7500-28-240	7.5kW	28	240	RT10000-28-320	10kW	28	320
RT7500-60-120		60	120	RT10000-60-160		60	160
RT7500-80-90		80	90	RT10000-80-120		80	120
RT7500-150-60		150	60	RT10000-150-80		150	80
RT7500-300-30		300	30	RT10000-300-40		300	40
RT7500-500-18		500	18	RT10000-500-24		500	24
RT7500-600-15		600	15	RT10000-600-20		600	20
RT7500-750-10		750	10	RT10000-750-14		750	14
RT7500-1000-8		1000	8	RT10000-1000-12		1000	12
RT15000-10U				RT24000-13U			
RT15000-28-480	15kW	28	480	RT24000-28-770	24kW	28	770
RT15000-60-240		60	240	RT24000-60-390		60	390
RT15000-80-180		80	180	RT24000-80-300		80	300
RT15000-150-120		150	120	RT24000-150-200		150	200
RT15000-300-60		300	60	RT24000-300-96		300	96
RT15000-500-36		500	36	RT24000-500-60		500	60
RT15000-600-30		600	30	RT24000-600-48		600	48
RT15000-750-20		750	20	RT24000-750-35		750	35
RT15000-1000-16		1000	16	RT24000-1000-30		1000	30

## Product parameters >>>

<b>Note: all parameters are for reference only and can be customized</b>		
Voltage	According to customer needs	
Current	According to customer needs	
Power	According to customer needs	
Current Resolving power	1.4mA	14mA
Current Accuracy	0.05% + 0.05% F.S.	
Voltage Resolving power	2mV	10mV
Voltage Accuracy	0.025% + 0.025% F.S.	
Resistance Range	0.015Ω 2kΩ	
Resistance Accuracy	Vin divided by RSET multiplied by (0.2%) plus 0.2% F.S.	
Power Accuracy	0.2% plus 0.2% F.S.	
T1&T2	10us 60s	
Resolving power	2us	
Power Accuracy	1us + 20PPM	
Gradient	1mA/us 8A/us	
Rated voltage	AC 220V	
Rated frequency	50 60Hz	
Temperature	0-50°C	

## Product example >>>

### 28.5v/80A electronic load



## Battery discharger >>>

Battery discharger is mainly used for the discharge test of backup power lead-acid battery in Telecom, mobile, Unicom and DC power industry. It has three functions of battery fast capacity test, online monitoring and capacity check test. It has high integration, small volume and perfect function.

## Product series >>>

**Note: all parameters are for reference only and can be customized**

Model	Type of cell voltage measurement	Constant current discharge voltage range	Working voltage (DC / AC optional)	Weight
RATA-FDY48150	2V/6V/12V	40 ~ 56V	AC 220V ±15%	Less than 10.5Kg
RATA-FDY48300	2V/6V/12V	40 ~ 56V	AC 220V ±15%	Less than 13Kg
RATA-FDY48600	2V/6V/12V	40 ~ 56V	AC 220V ±15%	Less than 15Kg
RATA-FDY22030	2V/6V/12V	180 ~ 280V	AC 220V ±15%	Less than 10.5Kg
RATA-FDY22060	2V/6V/12V	180 ~ 280V	AC 220V ±15%	Less than 13Kg

## Product parameters >>>

<b>Note: all parameters are for reference only and can be customized</b>	
Voltage resolution of the whole set	0.01V
Voltage test accuracy	0.5%
Working range of discharge current	5-200A
Discharge battery capacity range	50AH ~ 2000AH
Constant current discharge voltage range	According to customer needs
Control accuracy of discharge current	0.1A
Current measurement accuracy	1%
Type of cell voltage measurement	2V\12V
Measurement range of cell voltage	0 ~ 15V
Cell voltage resolution	2V:0.001V /12V:0.01V
Number of monosomic segments detected	1 ~ 240
Working voltage	AC 220V±15%
Cooling mode	Strong wind cooling
Communication mode	RS232 communication and SD card communication
Display mode	7 inch color LCD display with touch

## Product example >>>

### RATA-FDY48600 battery discharger



## Service Quality control >>>

In the design, production and inspection process of the system, the Seller shall take the following measures to ensure the quality of the system and meet the needs of users:

The design and production of the system are conducted entirely in accordance with the formal technical agreement agreed by both parties.

Before production, provide the equipment appearance map to the user, and produce according to the drawings.

In the production process, a special inspection department conducts strict quality inspection of the raw materials used in the system.

Track the whole process of component processing, assembly and debugging, and establish product files. Ensure that all accessories are advanced, new, complete and reasonable combination arrangement, comply with the relevant national standards. The equipment is clean and wired, all wiring conforms to the drawings, interfaces and switches are correct and clearly marked.

Check the functions and parameters of the drawings, relevant standards and specifications to ensure that the final product can realize all the contents agreed in the technical agreement.

## Factory acceptance >>>

Both parties may check and accept the system through actual operation. After the production of the system, the user shall be notified of the performance experiment before leaving the factory 3 days in advance, and the factory can pass the acceptance. Observe the following items during the acceptance inspection:

The factory acceptance test shall be carried out in accordance with the technical agreement and the acceptance outline agreed by both parties.

The Seller shall appoint technical backbone to provide technical services and training.

When it first uses the system, the technicians involved in the acceptance will be fully guided and teach the methods.

Guide users to install and debug according to technical data and drawings.

The Seller is responsible for solving the problems arising in the manufacturing process.

Factory acceptance test is only functional test, load test as the final acceptance item, in the user formal load test.

## Site acceptance >>>

After the system, the Seller sends personnel to the site for complete function and load test acceptance, including the following:

The Seller is responsible for the transportation of the system and ensures that all accessories of the system reach the place designated by the user before the agreed date.

The Seller shall be responsible for the site installation and commissioning of the system. The site acceptance test shall be conducted in accordance with the technical agreement and the acceptance outline agreed by both parties (the test unit and fuel are provided by the user) and guaranteed to be delivered to the user before the agreed date.

The Seller provides relevant training for the user's technical personnel to meet the daily work and maintenance needs of the system.

During the training, the Seller assigns experienced technical personnel as guidance, and develops a detailed training outline for theoretical and practical content (to provide electronic training courses and materials).

Ensure that the trained personnel understand the working principle, operation methods, precautions, various abnormal response methods and daily maintenance methods of the system.

## After-sale service >>>

The Seller undertakes to provide lifetime technical services, including the following:

The system quality assurance period is calculated from the date of system acceptance for the period of 3 years.

The Seller shall provide technical support for any quality problems of the system during the warranty period.

After users encounter problems, they guarantee to reply within 2 hours.

If technical personnel need to send to the site to solve the problem, the Seller shall ensure to arrive at the site within 7 working days. The service personnel shall not evacuate before the problem is resolved.

Users can permanently enjoy a free technical consultation service.

Save a complete product technical profile for the user.

After the end of the 3-year warranty period, provide users with a lifetime paid maintenance service, only the cost.

The Supplier shall provide a cost price list of conventional parts, such as resistors and contactors.

## Contact us

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