



IPS

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YIBENYUAN

Guangdong Yibenyuan Power Equipment Co., Ltd.



GUANGDONG YIBENYUAN POWER EQUIPMENT CO.,LTD.

www.ybyps.com

COMPANY PROFILE

About Us

Guangdong Yibenyuan Power Equipment Co., Ltd. is a high-power DC power equipment manufacturer integrating production, R&D, sales and equipment maintenance.

We are a high-power DC power supply manufacturer covering various industries. The company's main products are: high-power regulated DC power supply, high-power high-voltage DC power supply, water treatment power supply, new energy vehicle parts test power supply, stainless steel plasma polishing power supply, pulse power supply, surface treatment power supply, industrial electrolysis power supply, electric heating power supply, aging experiment test power supply for various electronic or electrical products, etc.





COMPANY PROFILE


About Us

Our company is an ISO9001 quality management system certified enterprise. The company has a high-quality management team, professional technical R&D engineers and a group of skilled technical staff. We are determined to forge ahead, pioneer and innovate, and have independently developed more than ten patented technologies for high-power DC power supplies, and many patented technologies for DC power supply control and communication systems.


Our products are not only popular all over the country, but also exported to many countries and regions. We take science and technology as the guide, enter the market with high-quality products, and provide good after-sales service in order to become bigger, stronger and better.




COMPANY'S MAIN PRODUCTS




High power DC regulated
power supply




New energy vehicle test
power supply




High-power battery
charging power supply




Mineral rare earth
electrolysis power supply



Water electrolysis hydrogen
production power supply




Municipal sewage
treatment power supply



Aging and experimental test
power supply for various
electronic or electrical products



Pulse power supply



Various special or non-standard
power supply products can be
professionally customized
according to customer
requirements

I.PRODUCT DESCRIPTION

Guangdong Yibenyuan Power Equipment Co., Ltd.



80000A/12V DC power supply

Scope of application

Electric heating, electric heating smelting of silicon carbide, refractory heating, single crystal furnace heating, gemstone furnace heating, carbon heating, Graphite powder purification Electrolytic copper foil, industrial electrolysis, non-ferrous metal electrolysis, rare earth electrolytic smelting, Municipal sewage treatment.



1.1 High power regulated DC power supply

800V/150A Programmable DC Power Supply

Scope of application

Provide low ripple voltage or current regulated DC power supply, Electric motors, inverters, contactors, new energy vehicle components, electronic product aging tests
Experimental test power supplies for universities or scientific research institutions, etc.



1.2 New energy vehicle test power supply

PRODUCT DESCRIPTION

01

The shell surface is powder-coated, strong and corrosion-resistant. The bottom is equipped with rollers for easy movement.

02

This power supply adopts the world's most advanced control system PWM technology and a stable and reliable circuit topology design control circuit, equipped with Infineon brand module (IGBT) control.

03

You can choose the voltage stabilization or current stabilization working mode, and the voltage and current can be set arbitrarily from 0 to the maximum value. It has protection functions such as phase loss, overheating, overvoltage, overcurrent and short circuit.



PRODUCT DESCRIPTION

04

Intelligent touch screen display and operation interface, voltage and current 3 decimal point accurate digital display. Simple operation, can perform multiple functions and parameter settings.

05

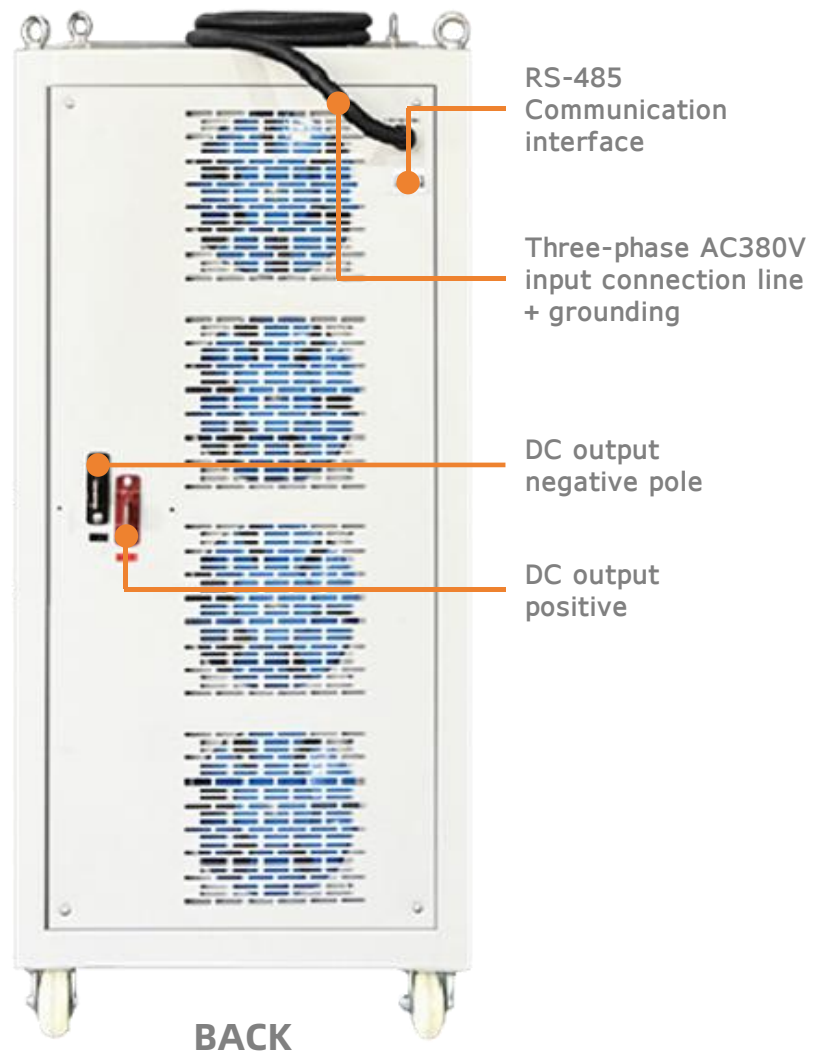
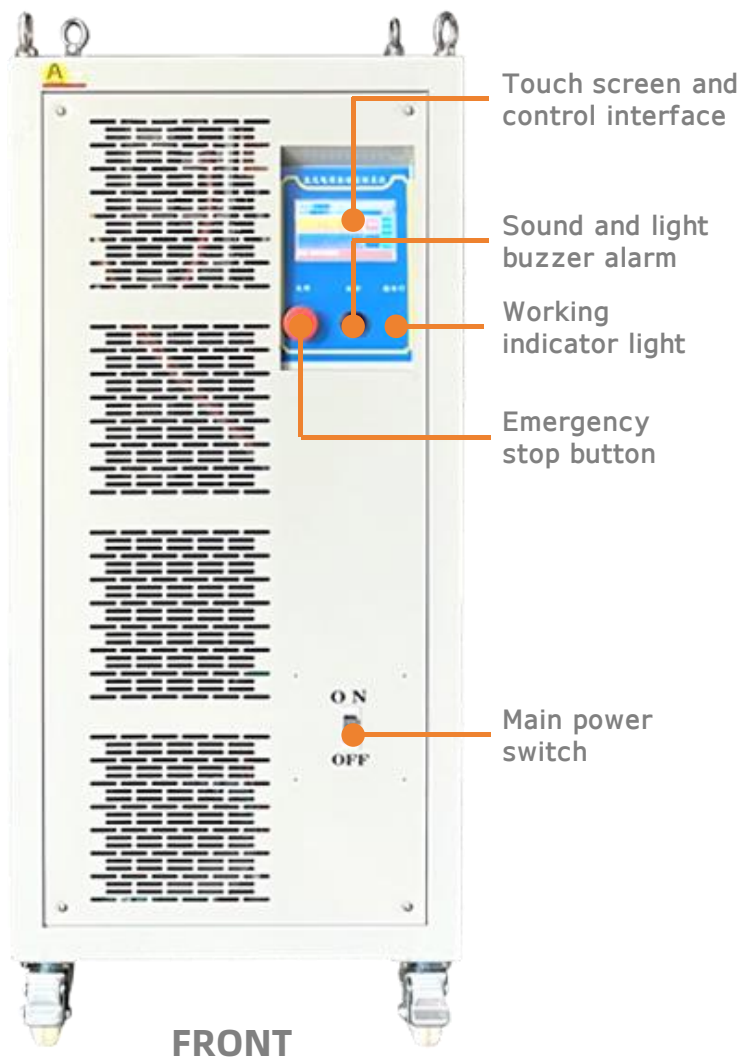
It has RS-485 remote communication interface and supports RTU and ASCII remote communication protocols. It can be configured with computer, host computer and other software control and monitoring.

06

The internal control circuit board is completely sealed and strictly isolated from the environment to prevent acid mist or dust pollution, which improves the safety and service life of the product.

07

The product is made of generous materials, has sufficient power, and has a large design margin for electronic components and important parts, which can ensure that the product can maintain full load and work continuously for a long time.



Scope of products

New energy vehicle charging station charging power supply, can charge multiple vehicles at the same time.

New energy vehicle pool simulator, for new energy vehicle accessories or vehicle aging test, etc.

500V/120A Charger

1.3 High power DC charging power supply



100V/3000A Power Supply

Scope of application

Ore rare earth extraction and smelting, electric heating, carbon heating, graphite heating, non-ferrous metal electrolysis, refractory heating, single crystal furnace heating, sapphire furnace heating, industrial electrolysis, university or scientific research institution experimental power supply, etc.

1.4 Ore rare earth extraction and smelting power supply

PRODUCT DESCRIPTION



01

The appearance structure of this product uses a patented design. It has a beautiful appearance, a solid structure, and a powder-coated shell surface, which is strong and corrosion-resistant.

02

This power supply adopts the world's most advanced control system PWM technology and a stable and reliable circuit topology design control circuit, equipped with Infineon brand module (IGBT) control.

03

The voltage and current can be switched, and the voltage and current can be continuously adjusted from 0 to the maximum value. It has automatic protection functions for phase loss, overheating, overvoltage, overcurrent, short circuit and other faults.

1.4 Ore rare earth extraction and smelting power supply

PRODUCT DESCRIPTION



04

Equipped with a PLC interface, it supports remote control and monitoring through computer and host computer software, enabling networking and parallel control of multiple units.

05

The internal control circuit board is fully sealed and isolated, safeguarding against environmental contaminants and insect-induced short circuits, thereby enhancing product safety and lifespan.

06

Constructed with high-quality materials, the product is designed with ample power and generous margins for electronic components and key parts, ensuring reliable full-load and long-term continuous operation.

1.4 Ore rare earth extraction and smelting power supply

200V/250KW Power Supply



Scope of application

Electrolysis of water to produce hydrogen, water treatment, electrochemistry, industrial electric heating, non-ferrous metal electrolysis, rare earth electrolytic smelting, industrial electrolysis, experimental power supply for scientific research institutions, etc.

Product Description

01

You can choose the voltage stabilization or current stabilization working mode, and the voltage and current can be continuously adjusted from 0 to the maximum value. It has automatic protection functions for faults such as phase loss, overheating, overvoltage, overcurrent, and short circuit.

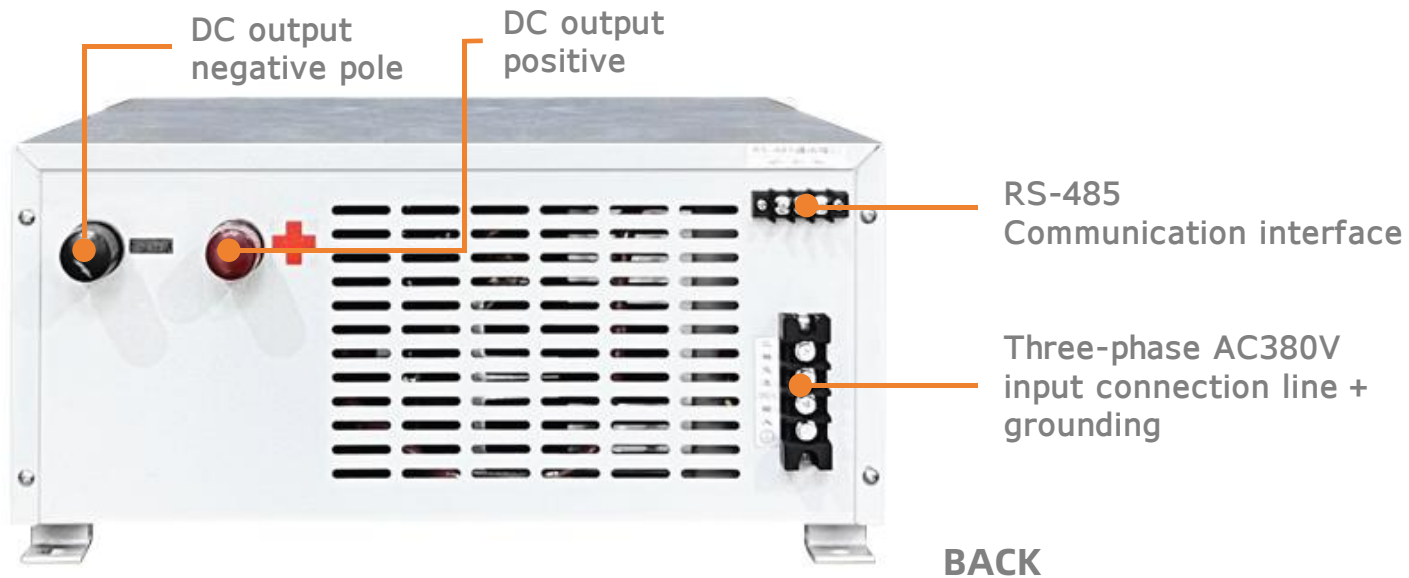
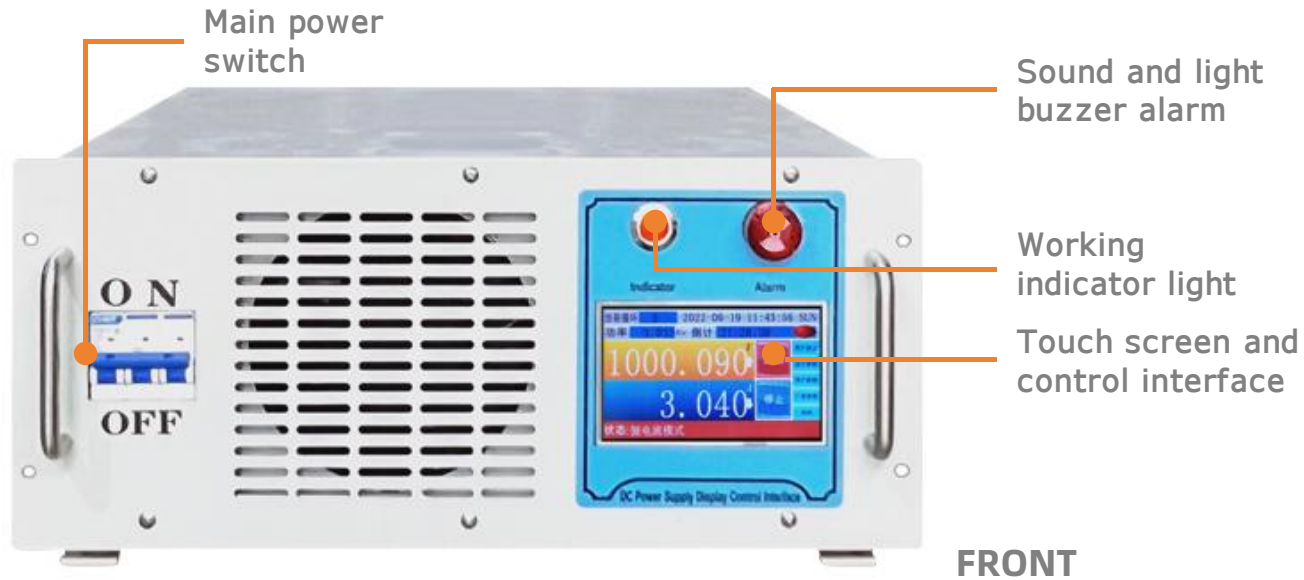
02

Intelligent touch screen display and operation interface, accurate digital display of voltage and current with 3 decimal points. Simple operation, multiple functions and parameter settings can be performed. It has a programming storage function, which can execute multiple groups of different voltage and current, delay time, and running time settings at one time, and can be continuously cycled 99999 times.

03

It has an RS-485 remote communication interface and supports RTU and ASCII remote communication protocols. It can be configured with computer, host computer and other software control and monitoring.

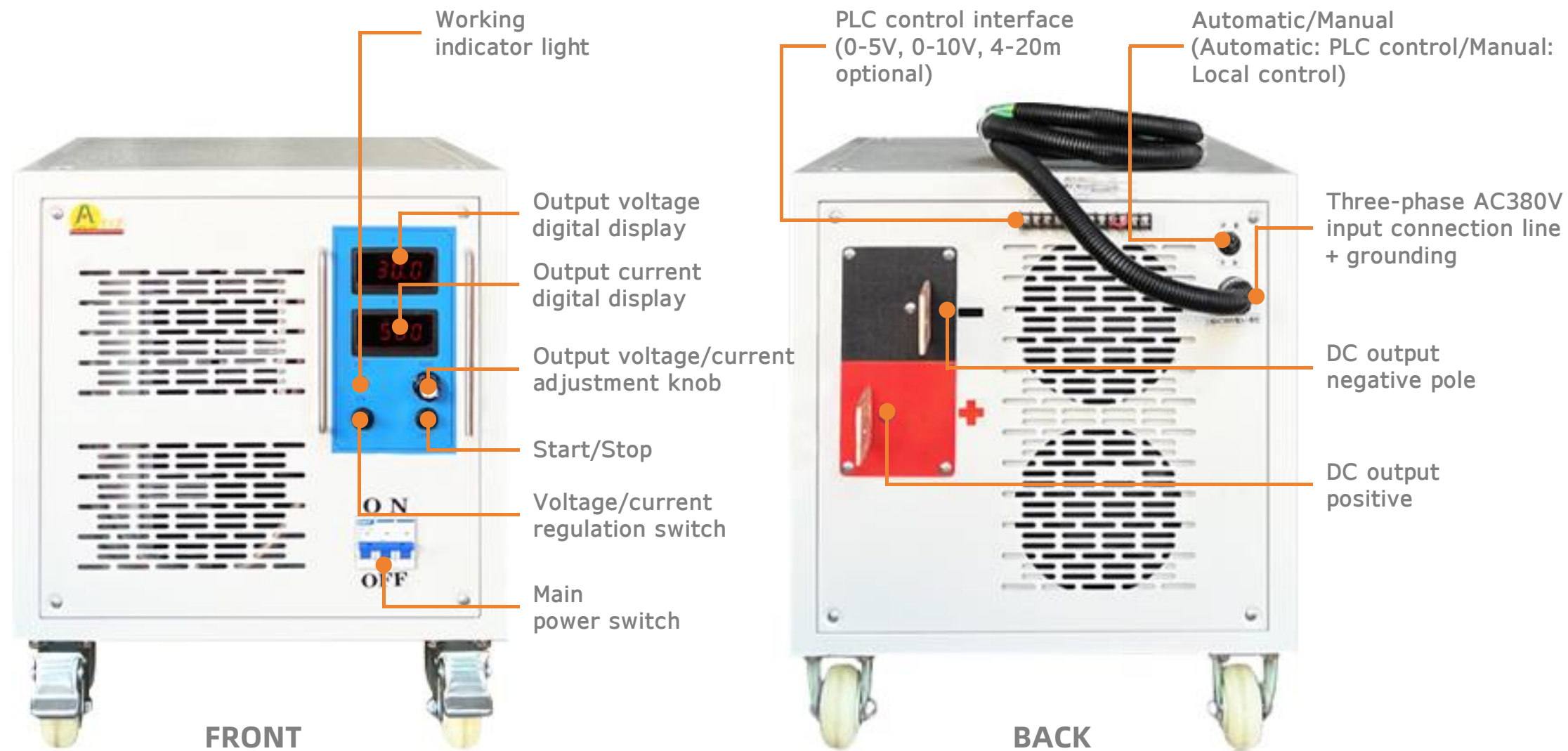
1.5 DC power supply for water electrolysis to produce hydrogen



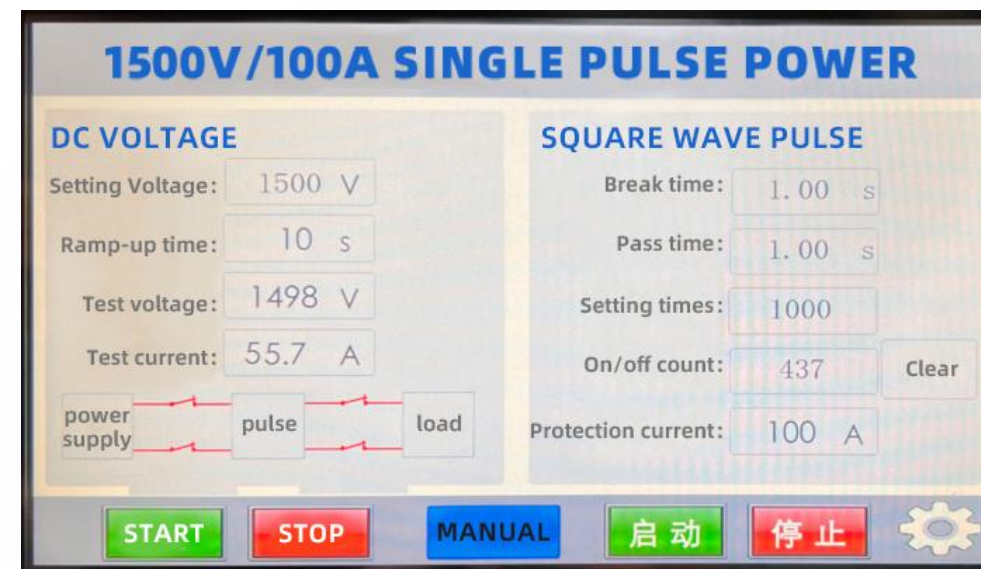
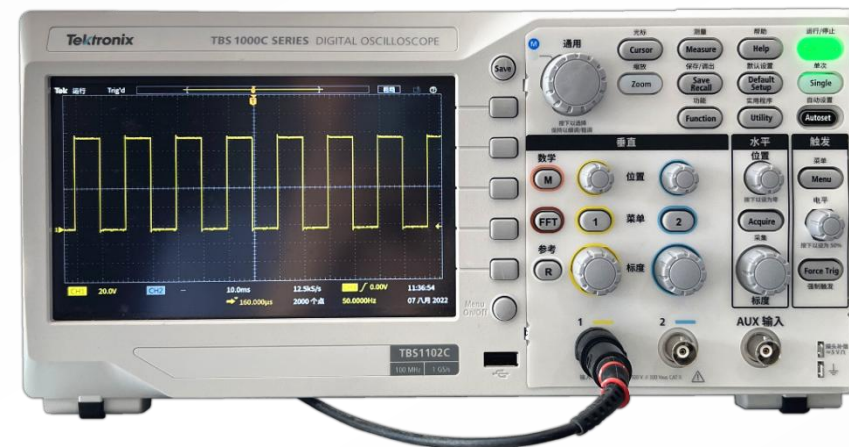
500V/20A Programmable DC Power Supply

Scope of products

Provide low ripple voltage or current regulated DC power supply, various electronic and electrical product experiments, tests, aging, university laboratories and scientific research units or testing institutions experimental test equipment.



1.7 Motor aging test power supply



1.8 High power square wave single pulse power supply



- Touch screen and control interface
- USB port for data storage hard disk
- Working indicator light
- Buzzer alarm
- Emergency stop button
- Main power switch

FRONT



- Three-phase AC380V input connection line + grounding
- DC output negative pole
- DC output positive

BACK



Product Description

This power supply is mainly suitable for fuse aging test and has the characteristics of high-speed output and fast response.

1.9 High-speed output DC power supply

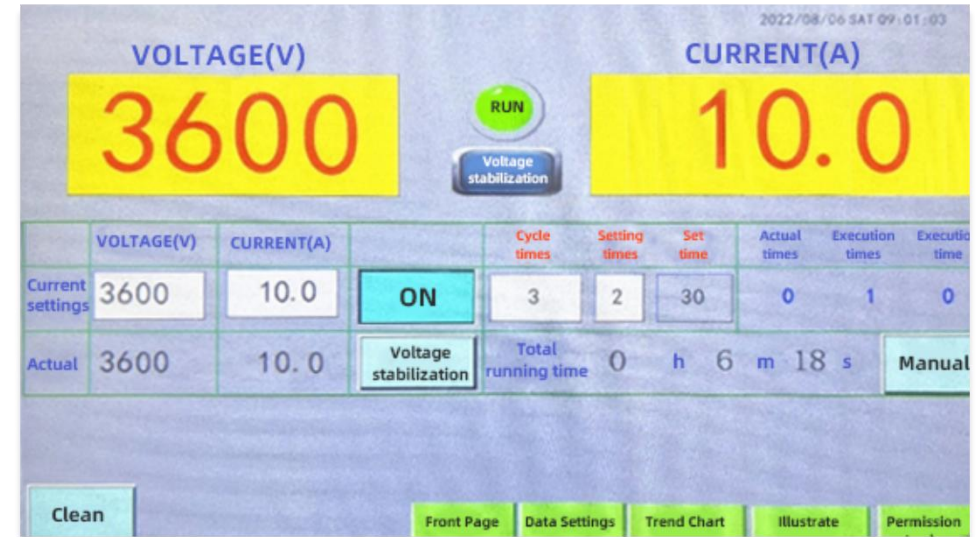
Product Description



Adopting Sanling PLC program control, simple operation, with multiple functions and parameter settings.

With programming storage function, you can view the operating parameters of the equipment in different time periods.

You can execute multiple groups of different voltage, current, delay time, and running time settings at one time, and can cycle continuously for 99999 times.



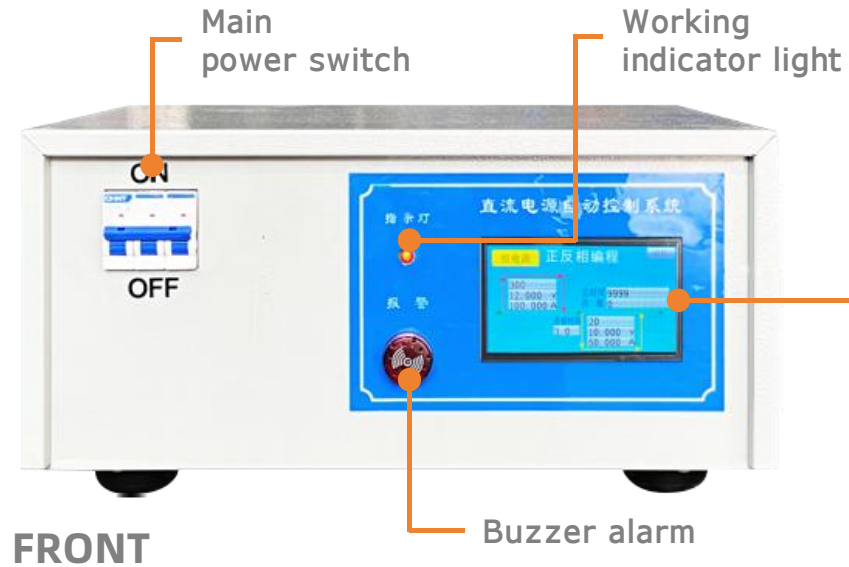
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1	2.5	4000	0	250	11	0.0	0	0	0	21	0.0	0	0	0
2	3.0	2500	0	750	12	0.0	0	0	0	22	0.0	0	0	0
3	4.0	1000	9	0	13	0.0	0	0	0	23	0.0	0	0	0
4	0.0	1000	50	0	14	0.0	0	0	0	24	0.0	0	0	0
5	0.0	0	20	51	15	0.0	0	0	0	25	0.0	0	0	0
6	0.0	0	10	52	16	0.0	0	0	0	26	0.0	0	0	0
7	0.0	0	10	53	17	0.0	0	0	0	27	0.0	0	0	0
8	0.0	0	10	54	18	0.0	0	0	0	28	0.0	0	0	0
9	0.0	0	0	0	19	0.0	0	0	0	29	0.0	0	0	0
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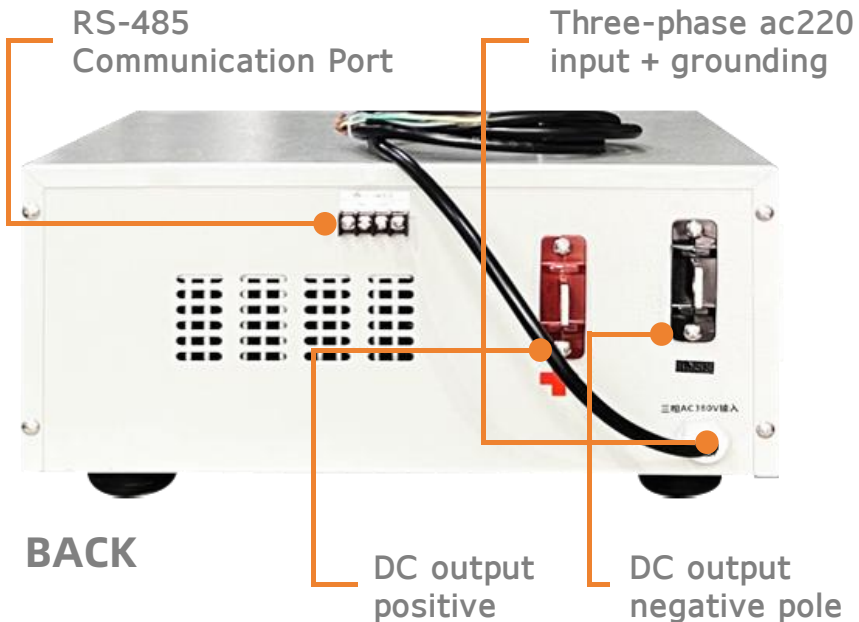
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1.9 High-speed output DC power supply

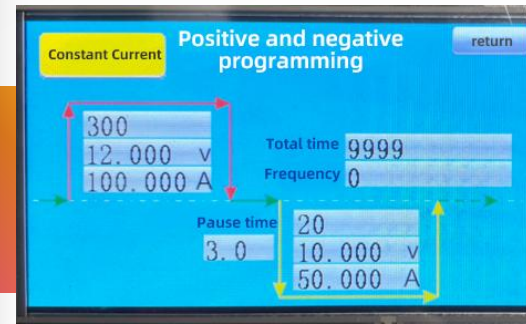
1.10 Electronic product experimental test DC power supply



FRONT



BACK



Touch screen display and control interface

Scope of products

Municipal sewage treatment, industrial wastewater treatment, electrochemistry, electrocoagulation, etc., can automatically change phases in both positive and negative directions, integrating water treatment and plate descaling functions.

Power supply description

01

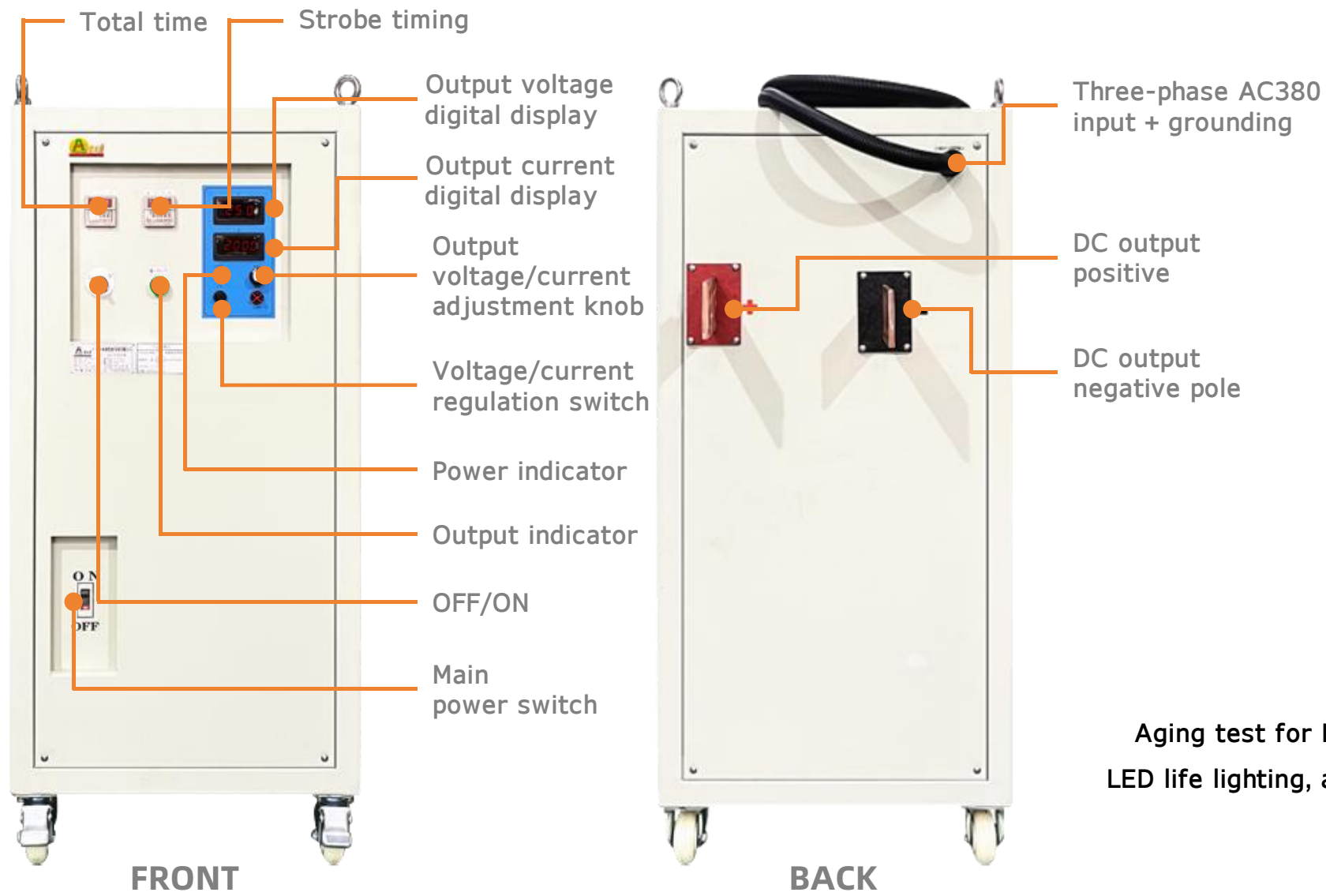
This power supply uses electronic commutation technology and can automatically commute in forward and reverse directions. The forward and reverse working time, voltage, and current can be set, and the power supply can automatically cycle forward and reverse according to the set parameters during operation.

02

Intelligent touch screen display and operation interface, 3-decimal-point accurate digital display of voltage and current, with programming storage function, can work continuously in a cycle according to the set voltage, current and running time.

03

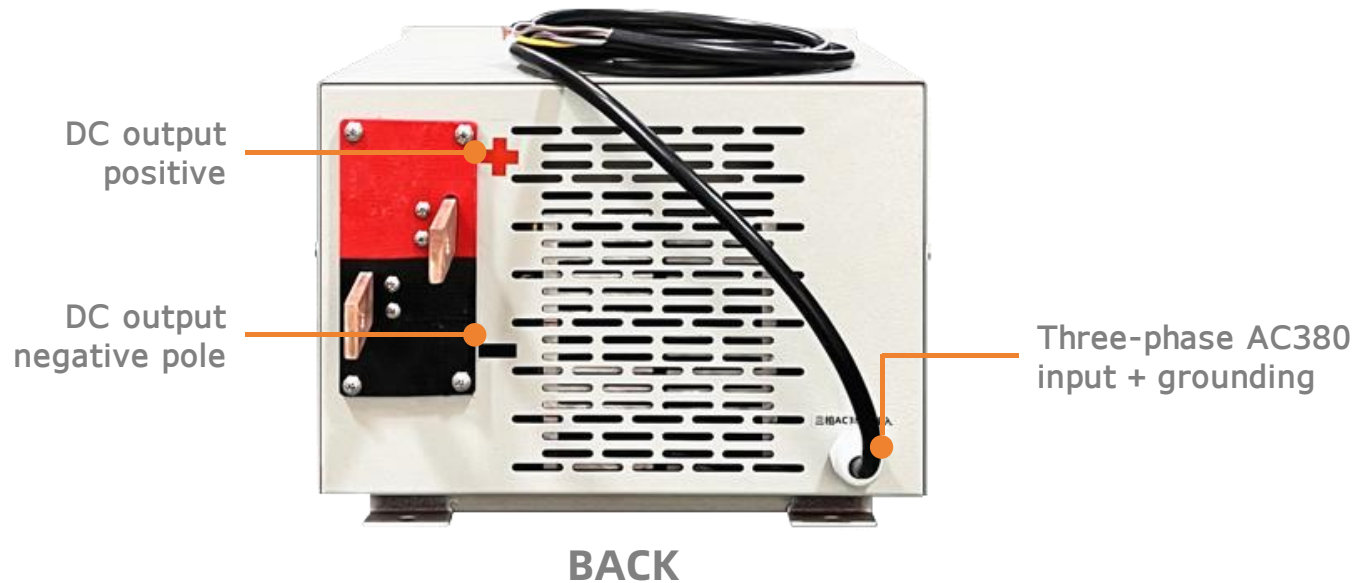
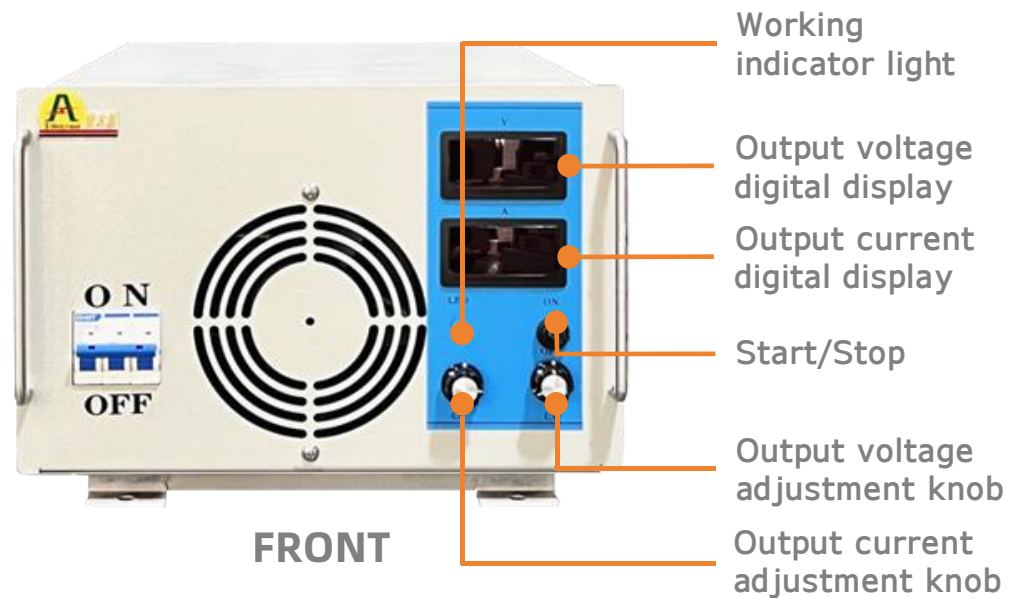
It has an RS-485 remote communication interface and supports RTU and ASCII remote communication protocols. It can be configured with computer, host computer and other software control and monitoring.



Product Description

Aging test for LED car lights, LED light strips, LED life lighting, aging test for vehicle-mounted electronic products, etc.

1.11 LED lamp aging test power supply



Scope of products

Provide low ripple voltage or current regulated DC power supply, suitable for motor aging test, high-power battery charging, various electronic and electrical product experiments, testing, aging, university laboratory teaching experimental equipment, testing institutions or scientific research units experimental testing equipment, etc.

II.CUSTOMERS AND CASES

Guangdong Yibenyuan Power Equipment Co., Ltd.



Project Cases

Yibenyuan Company has always been recognized and praised by customers for its product quality assurance, stable performance, low consumption and environmental protection, and good after-sales service. The products are sold well all over the country and exported to many countries and regions. It has become an important member of my country's power supply industry. We take science and technology as the guide, enter the market with high-quality products, and provide good after-sales service in order to become bigger, stronger and better. We sincerely welcome new and old customers to visit, discuss business, and create brilliance together.



YIBENYUAN

provides you with one-stop service



SERIAL NUMBER	CUSTOMER	PURCHASE PRODUCT	REMARK
1	CRRC ZHUZHOU LOCOMOTIVE CO.,LTD.	1500A/25V, 300V/100A Programmable DC Power Supply	Motor vehicle parts testing
2	BYD CO.,LTD.	200A/40V,1000V/50A,650V/50A DC Power Supply	New energy vehicle parts aging test
3	ENFI CO.,LTD.	2000A/20V Double pulse power supply	Ore extraction
4	LENS TECHNOLOGY CO., LTD.	1500A/50V Hard anodized power supply	Mobile phone shell hard anodizing
5	BMW CHINA(BEIJING) RESEARCH AND DEVELOPMENT CENTER	300V/20A, 400V/10A Regulated DC power supply	Laboratory regulated DC power supply
6	GUANGZHOU CHIMELONG GROUP CO.,LTD.	500A/60V,1000A/60V DC Power Supply	Sightseeing train power supply
7	WUHAN HIGH VOLTAGE RESEARCH INSTITUTE	5000A/20V,1000V/10A DC Power Supply	Cable guide current carrying capacity test, temperature rise test
8	CHINA AEROSPACE AUTOMOBILE CO., LTD.	confidential	confidential
9	CHINA AEROSPACE TIMES ELECTRONICS CO., LTD.	3000A/18V DC Power Supply	Surface treatment
10	INNER MONGOLA FIRST MACHINERY GROUP CO.,LTD.	48V/200A,48V/400A regulated DC power supply	Motor aging test
11	GUANGDONG PROVINCE ENGINEERING SURVEY INSTITUTE	50V/500A, 100V/500A DC power supply	Electrolysis improvement of soft soil foundation
12	GUANGDONG ACADEMY OF SCIENCES	3000A/10V,5000A/10V programmable DC power supply	Laboratory regulated power supply
13	CHINA NATIONAL OFFSHORE OIL CORPORATION	30V/100A Electrolytic Power Supply	Offshore platform sewage treatment
14	GEELY AUTO	500A/24V DC Power Supply	Laboratory Power Supply
15	NATIONAL ZENGCAI MANUFACTURING INNOVATION CENTER CO.,LTD.	500A/400V DC Power Supply	Plasma polishing of new material surface

SERIAL NUMBER	CUSTOMER	PURCHASE PRODUCT	REMARK
16	SHANXI CLEAN CARBON ECONOMY INDUSTRY RESEARCH INSTITUTE CO.,LTD.	1000A/15V,60000A/12V,80000A/12V	Carbon heating power supply
17	INSTITUTE OF AUTOMATION, CHINESE ACADEMY OF SCIENCES	48V/150A, 300V/50A programmable DC power supply	Laboratory regulated power supply
18	THE INSTITUTE OF ENGINEERING THERMOPHYSICS,CHINESE ACADEMY OF SCIENCES	60V/2000A DC Power Supply	Electric heating power supply
19	INSTITUTE OF ELECTRICAL ENGINEERING OF THE CHINESE ACA	5V/2000A, 24V/500A DC power supply	Laboratory regulated power supply
20	CHINESE RESEARCH ACADEMY OF ENVIRONMENTAL SCIENCES	3000A/30V Programmable DC Power Supply	Wastewater treatment, electrochemistry
21	SHENZHEN ACADEMY OF METROLOGY & QUALITY INSPECTION	100V/200A DC Power Supply	Experimental testing of DC power supply
22	HYUNDAI MOTOR COMPANY	1200A/50V regulated DC power supply	Inverter aging test (export)
23	BEIJING RESEARCH INSTITUTE OF CHEMICAL ENGINEERING AND METALLURGY	30V/3000A DC Power Supply	Unknown
24	TSINGHUA SHENZHEN INTERNATIONAL GRADUATE SCHOOL	1000A/30V, 2000A30V Programmable DC Power Supply	Electrolysis, electrochemistry
25	SHANGHAI JIAO TONG UNIVERSITY	25V/2000A,6000A/30V, 8000A/5V	Experimental testing, heating of new materials
26	SOUTHERN UNIVERSITY OF SCIENCE AND TECHNOLOGY	500V/100A Programmable DC Power Supply	Experimental research on charging of new energy batteries
27	SCHOOL OF MICROELECTRONICS FUDAN UNIVERSITY	0.5V/2000A Programmable DC Power Supply	Laboratory regulated DC power supply
28	COLLEGE OF CHEMISTRY AND CHEMICAL ENGINEERING, XIAMEN UNIVERSITY	800A/12V DC Power Supply	Laboratory, electric heating
29	BEIJING JIAOTONG UNIVERSITY	1500A/24V Programmable DC Power Supply	Laboratory experimental test power supply
30	DALIAN UNIVERSITY OF TECHNOLOGY	500A/24V DC Power Supply	Laboratory experimental test power supply

SERIAL NUMBER	CUSTOMER	PURCHASE PRODUCT	REMARK
31	DALIAN POLYTECHNIC UNIVERSITY	600A/50V DC Power Supply	Laboratory experimental test power supply
32	NORTH CHINA UNIVERSITY OF WATER RESOURCES AND ELECTRIC POWER	200A/12V DC Power Supply	Wastewater treatment, electrolysis
33	RESEARCH INSTITUTE OF ZHEJIANG UNIVERSITY-TAIZHOU	Power supply 30V/100A DC power supply	Laboratory experimental test power supply
34	HARBIN ENGINEERING UNIVERSITY	1500A/30V DC Power Supply	Experimental testing, electric heating
35	XI'AN JIAOTONG UNIVERSITY	2000A/30V DC Power Supply	Experimental testing
36	SOUTHEAST UNIVERSITY	200A/40V,500A/25V DC Power Supply	Laboratory experimental test power supply
37	CENTRAL SOUTH UNIVERSITY	1000V/30A Programmable DC Power Supply	Laboratory experimental test power supply
38	SOUTHWEST JIAOTONG UNIVERSITY	800A/25V DC Power Supply	Laboratory experimental test power supply
39	WUHAN UNIVERSITY OF TECHNOLOGY	1500A/24V DC Power Supply	Laboratory experimental test power supply
40	SHENYANG JIANZHU UNIVERSITY	70V/30A DC Power Supply	Electrolysis power supply
41	HUNAN UNIVERSITY	500A/60V DC Power Supply	Laboratory regulated power supply
42	GUANGDONG UNIVERSITY OF TECHNOLOGY	1000A/25V Programmable DC Power Supply	Laboratory regulated power supply
43	CCLINK MATERIALS CO.,LTD.	80000A /12V DC Programmable Power Supply	Electric heating
44	CHINA SCIENCES AIER TECHNOLOGY CO.,LTD.	30V/600A High Frequency DC Power Supply	Electrolytic polishing
45	FUJIAN WATER RESOURCER INVESTMENT & DEVELOPMENT GROUP CO.,LTD.	600A/36V, 2000A/36V DC power supply	Water treatment, electrolysis

SERIAL NUMBER	CUSTOMER	PURCHASE PRODUCT	REMARK
46	DONGGUAN HENGZHENCAI HARDWARE PRODUCTS CO.,LTD.	2000A/100V,3000A/18V DC power supply	Anodizing of mobile phone shell
47	NANCHANG MUNICIPAL PUBLIC OVERSEAS INVESTMENT MANAGEMENT CO., LTD.	1500A/25V, 2000A/25V, DC power supply	Municipal Wastewater Treatment
48	XIAMEN MIDDLE RING SHUI SCIENCE AND TECHNOLOGY STOCK CO.,LTD.	2000A/30V,3000A/30V DC Power Supply	Municipal Wastewater Treatment
49	LIUZHOU SHUANGJI MACHINERY CO.,LTD.	400A/30V DC Power Supply	Motor testing
50	NANNAR TECHNOLOGY CO.,LTD.	3000A/15V DC Power Supply	Electric vehicle arc test
51	DONGGUAN BOYUE ELECTRONIC CO.,LTD.	800V/250A High Speed Programmable DC Power Supply	Fuse test
52	CHANGSHA RESEARCH INSTITUTE OF MINING&METALLURGY CO.,LTD	2000A/15V DC Power Supply	Ore electrolytic extraction
53	GN NEW MATERIAL ELECTRICAL (ZHUHAI) CO., LTD.	1000A/120V Programmable DC Power Supply	Industrial electrolysis
54	DEMING CHEMICAL COMPANY	10000A/45V DC Power Supply	Industrial electrolysis
55	SHENYANG ZHONGKE ENVIRONMENT ENGINEERING TECHNOLOGY DEVELOPMENT CO.,LTD.	3000A/30V DC Power Supply	Municipal Wastewater Treatment
56	JILIN PROVINCE BODA AUTOMOBILE PARTS CO.,LTD.	24V /150A single pulse power supply	Surface treatment
57	GUILIN ELECTRICS SCIENCE STUDY INSTITUTE	1200V/25A DC Power Supply	Electrical testing
58	SHENZHOU RUITONG TECHNOLOGY(BEIJING) CO.,LTD.	1000A/100V Programmable DC Power Supply	Electric heating
59	XIAN LETUO TRADING CO.,LTD.	800A/250V DC Power Supply	Electrolytic caustic soda
60	UNITED PHOTONICS TECHNOLOGY(SUZHOU)CO.,LTD.	1000A/15V DC Power Supply	Electronic product aging test

SERIAL NUMBER	CUSTOMER	PURCHASE PRODUCT	REMARK
61	DONGYANG JINGXIU ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD.	100A/36V forward and reverse DC power supply	Wastewater treatment
62	SHENZHEN MEITESI NEW ENERGY TECHNOLOGY CO., LTD	2200A/50V DC Power Supply	Inverter aging test
63	TAICANG HUAQING AUTO PARTS CO.,LTD.	350V/100A Dual Output DC Power Supply	Motor testing
64	ZHEJIANG CHANGXING ELECTRONIC CO.,LTD.	200A/12V DC Power Supply	Precious Metal Plating
65	GUANGRI ELECTRIC CO.,LTD.	2000A/25V DC Power Supply	LED lamp aging test
66	SICHUAN SAIYING ELECTRONIC TECHNOLOGY CO., LTD.	55V/1000A DC Power Supply	Electronic product aging test
67	DALA TECHNOLOGY CO.,LTD.	400A/200V DC Power Supply	Motor controller aging test
68	HEFEI CHUANZHENG TECHNOLOGY CO., LTD.	400V/250A, 50V/500A DC power supply	Experimental testing of DC power supply
69	DONGGUAN ZHONGJIA TESTING EQUIPMENT TECHNOLOGY CO.,LTD.	2000A/10V Programmable DC Power Supply	Experimental testing of DC power supply
70	NANJING LEIDIAN INFORMATION TECHNOLOGY CO.,LTD.	1000V/100A Programmable DC Power Supply	Electronic product aging test
71	TOWE(GUANGZHOU)CO.,LTD.	600V/100A DC Power Supply	Drone aging test
72	CHANGSHA HENGYANG ELECTRONICS CO., LTD.	500V/30A, 15V/350, 250V/50A DC power supply	Electronic product aging test
73	OTAX ELECTRONICS TECHNOLOGY (HESHAN) CO., LTD.	3500A/24V, 5000A/24V DC power supply	Anodizing
74	SHANDONG YUANPING AVIATION TECHNOLOGY CO., LTD.	400V/138KW DC Power Supply	Electronic product testing
75	SHANGHAI JIANZHI ELECTRIC TECHNOLOGY CO., LTD.	800V/50A Programmable DC Power Supply	Motor aging test

SERIAL NUMBER	CUSTOMER	PURCHASE PRODUCT	REMARK
76	GUANGZHOU DONGAN AUTOMOBILE COMPRESSOR CO., LTD.	600V/60A DC Power Supply	Compressor aging test
77	SICHUAN HANYU AVIATION TECHNOLOGY CO.,LTD.	300A/50V Programmable DC Power Supply	Electronic product testing
78	TIANJIN KEYVIA ELECTRIC CO.,LTD.	3000V/6A High Voltage DC Power Supply	Withstand voltage test
79	TIANCHANG JINGFA ALUMINUM CO., LTD.	30V/8000A DC Power Supply	Aluminum alloy anodizing
80	BEIJING LIQINENG ELECTRIC ENGINE CO.	400V/100A DC Power Supply	Motor aging test
81	ZHONGDIAN TRANSFORMER MANUFACTURING CO.,LTD.	2000A/4V DC Power Supply	Inductor aging test
82	DONGGUAN JINLIN MACHINERY ELECTRONICS CO., LTD.	350V/600A DC Power Supply	Plasma polishing



YIBENYUAN
Guangdong Yibenyuan Power Equipment Co., Ltd.

2.1 10000A/40V copper ore electrolysis power supply and 20000A/20V copper foil electrolysis power supply produced by Panzhihua Deming Chemical Co., Ltd.



10000A/40V
Copper ore electrolysis



20000A/20V
Electrolytic copper foil power supply

2.2 660V/500A high-power high-voltage DC power supply



660V/500A

660V/500A high-power high-voltage DC power supply
produced for Guangzhou CSSC Huangpu Shipbuilding
Co., Ltd. (used for large ship motor testing)

2.3 2000A/20V dual pulse copper ore electrolysis power supply



2000A/20V

2000A/20V dual pulse copper ore electrolysis power supply produced by China Enfei Engineering Technology Co., Ltd.

2.4 1000V/50A and 1000V/30A single pulse power supply



1000V/50A & 1000V/30A

1000V/50A and 1000V/30A single pulse power supplies
produced by Shanghai Institute of Applied Physics,
Chinese Academy of Sciences



Thank You

