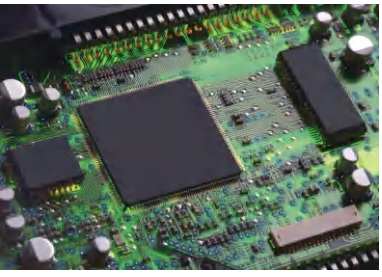
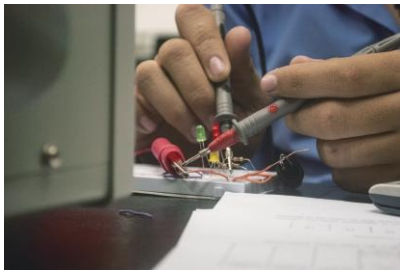
AC&DC Power Source

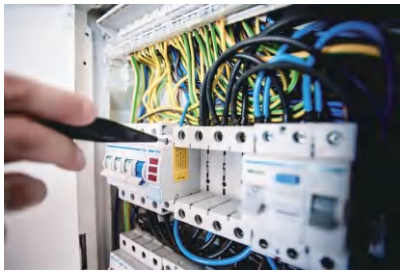
HY-PDSU series

Program control DC power supply

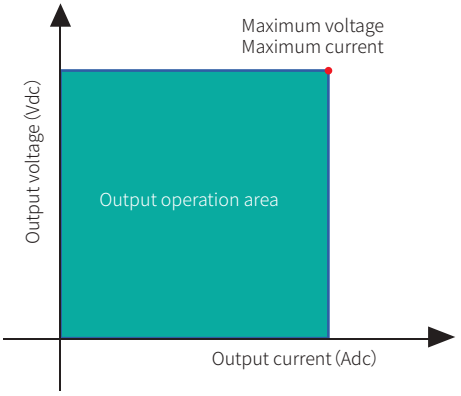
Military Quality Power Supply Expert







HY-PDSU Series Program control DC power supply



Product Features

Program-controlled DC power supply has excellent electronic properties such as high accuracy, high precision, and high stability.The voltage, current and time parameters can be edited by the host computer through the panel keyboard or through the communication interface to realize the programmable automatic test.

- Maximum output voltage of 600V, maximum output current of 166.7A
- High power density: 5kW/2U
- Input standard PFC, with a power factor of up to 0.99
- Power output soft start function to cope with inductive loads
- 16 bits D/A high-precision converter with precise output
- 16 bits A/D high-precision converter for more accurate read back
- Multiple protection functions OVP/OCP/OTP/OPP
- 19 inch standard rack size
- Output ON/OFF button
- Standard remote measurement terminal for compensating output line voltage drop
- Intelligent speed control design for fans to reduce noise
- Front/side air inlet, rear air outlet, saving heat dissipation space
- Supports Modbus and SCPI protocols
- Standard interface: RS-485&RS-232, Digital I/
- Purchasing interface：LAN、CAN、USB 、GPIB

IA analog programming and monitoring (isolated type)

Application Area

This series of power supplies is designed for scientific research and industrial departments to focus on power automation control A high-performance DC power supply specially developed for application, which can be operated through a upper computer Control and provide power for various testing tasks.

- Power Electronics Testing
- Scientific research testing
- Low voltage electrical testing
- Power semiconductor testing
- AEROSPACE
- National Defense and Military Industry
- Automotive Electronic Testing
- smart grid

Product Selection

In the selection table, special specifications beyond the voltage/current/power range are accepted for customization

HY-PDSU Selection of 1.6kW series power supply

Models	Rated output voltage	Rated output current	Rated output power
HY-PDSU 30-54	30V	54A	1.6kW
HY-PDSU 40-40	40V	40A	1.6kW
HY-PDSU 60-27	60V	27A	1.6kW
HY-PDSU 80-20	80V	20A	1.6kW
HY-PDSU 100-16	100V	16A	1.6kW
HY-PDSU 150-10.7	150V	10.7A	1.6kW
HY-PDSU 200-8	200V	8A	1.6kW

Models	Rated output voltage	Rated output current	Rated output power
HY-PDSU 250-6.4	250V	6.4A	1.6kW
HY-PDSU 300-5.4	300V	5.4A	1.6kW
HY-PDSU 350-4.6	350V	4.6A	1.6kW
HY-PDSU 400-4	400V	4A	1.6kW
HY-PDSU 500-3.2	500V	3.2A	1.6kW
HY-PDSU 600-2.7	600V	2.7A	1.6kW

HY-PDSU Selection of 2.5kW series power supply

Models	Rated output voltage	Rated output current	Rated output power
HY-PDSU 30-84	30V	84A	2.5kW
HY-PDSU 40-62.5	40V	62.5A	2.5kW
HY-PDSU 60-41.7	60V	41.7A	2.5kW
HY-PDSU 80-31	80V	31A	2.5kW
HY-PDSU 100-25	100V	25A	2.5kW
HY-PDSU 150-16.7	150V	16.7A	2.5kW
HY-PDSU 200-12.5	200V	12.5A	2.5kW

Models	Rated output voltage	Rated output current	Rated output power
HY-PDSU 250-10	250V	10A	2.5kW
HY-PDSU 300-8.4	300V	8.4A	2.5kW
HY-PDSU 350-7	350V	7A	2.5kW
HY-PDSU 400-6.4	400V	6.4A	2.5kW
HY-PDSU 500-5	500V	5A	2.5kW
HY-PDSU 600-4.2	600V	4.2A	2.5kW

HY-PDSU Selection of 3.6kW series power supply

Models	Rated output voltage	Rated output current	Rated output power
HY-PDSU 30-120	30V	120A	3.6kW
HY-PDSU 40-90	40V	90A	3.6kW
HY-PDSU 60-60	60V	60A	3.6kW
HY-PDSU 80-45	80V	45A	3.6kW
HY-PDSU 100-36	100V	36A	3.6kW
HY-PDSU 150-24	150V	24A	3.6kW
HY-PDSU 200-18	200V	18A	3.6kW

Models	Rated output voltage	Rated output current	Rated output power
HY-PDSU 250-14.4	250V	14.4A	3.6kW
HY-PDSU 300-12	300V	12A	3.6kW
HY-PDSU 350-10.4	350V	10.4A	3.6kW
HY-PDSU 400-9	400V	9A	3.6kW
HY-PDSU 500-7.2	500V	7.2A	3.6kW
HY-PDSU 600-6	600V	6A	3.6kW

HY-PDSU Selection of 5kW series power supply

Models	Rated output voltage	Rated output current	Rated output power
HY-PDSU 30-167	30	167	5kW
HY-PDSU 40-125	40	125	5kW
HY-PDSU 60-84	60	84	5kW
HY-PDSU 80-62.5	80	62.5	5kW
HY-PDSU 100-50	100	50	5kW
HY-PDSU 150-33.4	150	33.4	5kW
HY-PDSU 200-25	200	25	5kW

Models	Rated output voltage	Rated output current	Rated output power
HY-PDSU 250-20	250	20	5kW
HY-PDSU 300-16.7	300	16.7	5kW
HY-PDSU 350-14.4	350	14.4	5kW
HY-PDSU 400-12.5	400	12.5	5kW
HY-PDSU 500-10	500	10	5kW
HY-PDSU 600-8.4	600	8.4	5kW

HY-PDSU Series Ordering information

Product Model Naming Rules

Product series	Output voltage		Output current		Optional function
HY-PDSU	600	-	8.4	-	CF

Selection examples:
Product Model: HY-PDSU 600-8.4-IL
Output voltage 0-600 V, output current 0-8.4A, optional user-defined function

Communication protocol	Standard communication interface	Optional communication interface
Modbus SCPI	RS-485 RS-232 Digital I/O	- LAN :Ethernet communicationinterface - CAN :CAN communication interface - GPIB :GPIB communication interface - IA :Analog quantity programming and monitoring interface (isolated type)

* All technical indicators can only be guaranteed when the equipment runs continuously for more than 30 minutes at the specified operating temperature.

DC 1600W (30V-200V)

Models		HY-PDSU 30-54	HY-PDSU 40-40	HY-PDSU 60-27	HY-PDSU 80-20	HY-PDSU 100-16	HY-PDSU 150-10.7	HY-PDSU 200-8
Rated output voltage	V	30	40	60	80	100	150	200
Output current	A	54	40	27	20	16	10.7	8
Rated output power	W	1600W						
Efficiency	%	86	88	88	88	88	88	88
CV Mode								
Settable output range	V	0 - Rated output value						
Input adjustment rate	mV	0.05% +0.05%（range） （AC input 220 V ± 15%，Constant load）						
Load regulation	mV	0.05% +0.05%（range） （No load to full load, constant input voltage, measurement at remote compensation point）						
Ripple effective value rms (3 Hz - 300 kHz)	mVrms	7.8	9.1	9.1	9.1	10	10	16
Noise peak to peak p-p (20 Hz - 20 MHz)	mVpp	60	72	72	90	90	90	108
Output voltage rise time	ms	96	96	96	180	180	180	180
Output voltage drop time (full load)	ms	104	104	104	195	195	195	195
Output voltage drop time (no-load)	ms	990	1100	1200	1300	1650	2200	2300
Transient response time	ms	5 ms						
CC Mode								
Settable output range	A	0 - Rated output value						
Input adjustment rate	mA	0.5% +0.5%（range） （AC input 220V±15%，Constant load）						
Load regulation	mA	0.5% +0.5%（range） （No load to full load, constant input voltage）						
Ripple effective value rms (3 Hz - 300 kHz)	mArms	66	71	66	44	22	16.5	16.5

DC 1600W (250V-600V)

Models		HY-PDSU 250-6.4	HY-PDSU 300-5.4	HY-PDSU 350-4.6	HY-PDSU 400-4	HY-PDSU 500-3.2	HY-PDSU 600-2.7
Rated output voltage	V	250	300	350	400	500	600
Output current	A	6.4	5.4	4.6	4	3.2	2.7
Rated output power	W	1600W					
Efficiency	%	88	88	88	88	88	88
CV Mode							
Settable output range	V	0 - Rated output value					
Input adjustment rate	mV	0.05% +0.05%（range） （AC input 220 V ± 15%，Constant load）					
Load regulation	mV	0.05% +0.05%（range） （No load to full load, constant input voltage, measurement at remote compensation point）					
Ripple effective value rms (3 Hz - 300 kHz)	mVrms	21	26	36	39	58.5	78
Noise peak to peak p-p (20 Hz - 20 MHz)	mVpp	132	156	228	228	300	360
Output voltage rise time	ms	180	180	198	216	250	300
Output voltage drop time (full load)	ms	195	195	198	234	270	325
Output voltage drop time (no-load)	ms	2500	2750	3300	3300	3850	4400
Transient response time	ms	5 ms					
CC Mode							
Settable output range	A	0 - Rated output value					
Input adjustment rate	mA	0.5% +0.5%（range） （AC input 220 V ± 15%，Constant load）					
Load regulation	mA	0.5% +0.5%（range） （No load to full load, constant input voltage）					
Ripple effective value rms (3 Hz - 300 kHz)	mArms	16.5	16.5	12	11	8.8	8

DC 2500W (30V-200V)

Models		HY-PDSU 30-84	HY-PDSU 40-62.5	HY-PDSU 60-41.7	HY-PDSU 80-31	HY-PDSU 100-25	HY-PDSU 150-16.7	HY-PDSU 200-12.5
Rated output voltage	V	30	40	60	80	100	150	200
Output current	A	84	62.5	41.7	31	25	16.7	12.5
Rated output power	W	2500W						
Efficiency	%	87	88	88	88	88	88	88
CV Mode								
Settable output range	V	0 - Rated output value						
Input adjustment rate	mV	0.05% +0.05%（range） （AC input 220 V ± 15%，Constant load）						
Load regulation	mV	0.05% +0.05%（range） （No load to full load, constant input voltage, measurement at remote compensation point）						
Ripple effective value rms (3 Hz - 300 kHz)	mVrms	8	8	8	9	13	26	32
Noise peak to peak p-p (20 Hz - 20 MHz)	mVpp	66	66	72	72	84	108	132
Output voltage rise time	ms	18	24	36	48	48	72	78
Output voltage drop time (full load)	ms	26	26	39	65	65	104	111
Output voltage drop time (no-load)	ms	660	770	1210	1320	1650	2750	2750
Transient response time	ms	5 ms						
CC Mode								
Settable output range	A	0 - Rated output value						
Input adjustment rate	mA	0.5% +0.5%（range） （AC input 220V±15%，Constant load）						
Load regulation	mA	0.5% +0.5%（range） （No load to full load, constant input voltage）						
Ripple effective value rms (3 Hz - 300 kHz)	mArms	165	99	66	44	33	13	12

DC 2500W (250V-600V)

Models		HY-PDSU 250-10	HY-PDSU 300-8.4	HY-PDSU 350-7	HY-PDSU 400-6.4	HY-PDSU 500-5	HY-PDSU 600-4.2
Rated output voltage	V	250	300	350	400	500	600
Output current	A	10	8.4	7	6.4	5	4.2
Rated output power	W	2500W					
Efficiency	%	88	88	88	88	88	88
CV Mode							
Settable output range	V	0 - Rated output value					
Input adjustment rate	mV	0.05% +0.05%（range） （AC input 220 V ± 15%，Constant load）					
Load regulation	mV	0.05% +0.05%（range） （No load to full load, constant input voltage, measurement at remote compensation point）					
Ripple effective value rms (3 Hz - 300 kHz)	mVrms	46	59	30	65	72	78
Noise peak to peak p-p (20 Hz - 20 MHz)	mVpp	156	180	190	216	250	288
Output voltage rise time	ms	84	96	180	102	108	120
Output voltage drop time (full load)	ms	117	130	180	130	130	130
Output voltage drop time (no-load)	ms	2750	3300	3000	3300	3300	3300
Transient response time	ms	5 ms					
CC Mode							
Settable output range	A	0 - Rated output value					
Input adjustment rate	mA	0.5% +0.5%（range） （AC input 220 V ± 15%，Constant load）					
Load regulation	mA	0.5% +0.5%（range） （No load to full load, constant input voltage）					
Ripple effective value rms (3 Hz - 300 kHz)	mArms	11	11	12	9	8	6

DC 3600W (30V-200V)

Models		HY-PDSU 30-120	HY-PDSU 40-90	HY-PDSU 60-60	HY-PDSU 80-45	HY-PDSU 100-36	HY-PDSU 150-24	HY-PDSU 200-18
Rated output voltage	V	30	40	60	80	100	150	200
Output current	A	120	90	60	45	36	24	18
Rated output power	W	3600W						
Efficiency	%	87	88	88	88	88	88	88
CV Mode								
Settable output range	V	0 - Rated output value						
Input adjustment rate	mV	0.05% +0.05%（range） （AC input 220 V ± 15%，Constant load）						
Load regulation	mV	0.05% +0.05%（range） （No load to full load, constant input voltage, measurement at remote compensation point）						
Ripple effective value rms (3 Hz - 300 kHz)	mVrms	9	9	9	26	33	26	90
Noise peak to peak p-p (20 Hz - 20 MHz)	mVpp	66	66	72	84	120	108	330
Output voltage rise time	ms	96	96	180	180	180	72	240
Output voltage drop time (full load)	ms	208	208	208	390	390	96	390
Output voltage drop time (no-load)	ms	990	1100	1200	1320	1650	2750	3300
Transient response time	ms	5 ms						
CC Mode								
Settable output range	A	0 - Rated output value						
Input adjustment rate	mA	0.5% +0.05%（range） （No load to full load, constant input voltage）						
Load regulation	mA	0.5% +0.5%（range） （No load to full load, constant input voltage）						
Ripple effective value rms (3 Hz - 300 kHz)	mArms	275	165	77	66	55	14	33

DC 3600W (250V-600V)

Models		HY-PDSU 250-14.4	HY-PDSU 300-12	HY-PDSU 350-10.4	HY-PDSU 400-9	HY-PDSU 500-7.2	HY-PDSU 600-6
Rated output voltage	V	250	300	350	400	500	600
Output current	A	14.4	12	10.4	9	7.2	6
Rated output power	W	3600W					
Efficiency	%	88	88	88	88	88	88
CV Mode							
Settable output range	V	0 - Rated output value					
Input adjustment rate	mV	0.05% +0.05%（range） （AC input 220 V ± 15%，Constant load）					
Load regulation	mV	0.05% +0.05%（range） （No load to full load, constant input voltage, measurement at remote compensation point）					
Ripple effective value rms (3 Hz - 300 kHz)	mVrms	98	104	36	104	104	104
Noise peak to peak p-p (20 Hz - 20 MHz)	mVpp	336	360	228	264	396	420
Output voltage rise time	ms	240	240	216	240	300	300
Output voltage drop time (full load)	ms	390	390	216	520	585	650
Output voltage drop time (no-load)	ms	3630	3850	3300	3960	4180	4400
Transient response time	ms	5 ms					
CC Mode							
Settable output range	A	0 - Rated output value					
Input adjustment rate	mA	0.5% +0.5%（range） （AC input 220 V ± 15%，Constant load）					
Load regulation	mA	0.5% +0.5%（range） （No load to full load, constant input voltage）					
Ripple effective value rms (3 Hz - 300 kHz)	mArms	26	17	12	13	11	9

DC 5kW (30V-200V)

Models		HY-PDSU 30-166.7	HY-PDSU 40-125	HY-PDSU 60-83	HY-PDSU 80-62.5	HY-PDSU 100-50	HY-PDSU 150-33.4	HY-PDSU 200-25
Rated output voltage	V	30	40	60	80	100	150	200
Output current	A	166.7	125	83	62.5	50	33.4	25
Rated output power	W	5000W						
Efficiency	%	87	88	88	88	88	88	88
CV Mode								
Settable output range	V	0 - Rated output value						
Input adjustment rate	mV	0.05% +0.05%（range） （AC input 220 V ± 15%，Constant load）						
Load regulation	mV	0.05% +0.05%（range） （No load to full load, constant input voltage, measurement at remote compensation point）						
Ripple effective value rms (3 Hz - 300 kHz)	mVrms	13	10	10	20	20	26	58
Noise peak to peak p-p (20 Hz - 20 MHz)	mVpp	84	84	84	96	108	144	240
Output voltage rise time	ms	36	36	60	60	60	60	60
Output voltage drop time (full load)	ms	96	96	96	120	120	120	120
Output voltage drop time (no-load)	ms	960	1080	1200	1320	1440	1800	2400
Transient response time	ms	5 ms						
CC Mode								
Settable output range		0 - Rated output value						
Input adjustment rate	mA	0.5% +0.5%（range） （AC input 220V±15%，Constant load）						
Load regulation	mA	0.5% +0.5%（range） （No load to full load, constant input voltage）						
Ripple effective value rms (3 Hz - 300 kHz)	mArms	420	216	180	96	60	60	60

DC 5kW (250V-600V)

Models		HY-PDSU 250-20	HY-PDSU 300-16.7	HY-PDSU 350-14.4	HY-PDSU 400-12.5	HY-PDSU 500-10	HY-PD SU600-8.4
Rated output voltage	V	250	300	350	400	500	600
Output current	A	20	16.7	14.4	12.5	10	8.4
Rated output power	W	5000W					
Efficiency	%	88	88	88	88	88	88
CV Mode							
Settable output range	V	0 - Rated output value					
Input adjustment rate	mV	0.05% +0.05%（range） （AC input 220 V ± 15%，Constant load）					
Load regulation	mV	0.05% +0.05%（range） （No load to full load, constant input voltage, measurement at remote compensation point）					
Ripple effective value rms (3 Hz - 300 kHz)	mVrms	60	72	78	84	84	120
Noise peak to peak p-p (20 Hz - 20 MHz)	mVpp	240	240	300	420	480	540
Output voltage rise time	ms	60	60	72	78	96	120
Output voltage drop time (full load)	ms	120	120	140	162	200	240
Output voltage drop time (no-load)	ms	2760	3000	3400	3600	3600	3600
Transient response time	ms	5 ms					
CC Mode							
Settable output range	A	0 - Rated output value					
Input adjustment rate	mA	0.5%+0.5% (range) (AC input 220 V ± 15%, Constant load)					
Load regulation	mA	0.5% +0.5%（range） （No load to full load, constant input voltage）					
Ripple effective value rms (3 Hz - 300 kHz)	mArms	42	24	22	18	18	12

Stability Temperature Coefficient

Stability (rated output voltage/current)	U:0.01% I:0.01% (After 30 minutes of power on at a certain input voltage and load ambient temperature, 8 hours)
Temperature coefficient (rated output voltage/current)	U:50ppm/°C I: 70ppm/°C (After 30 minutes of power on)

Programming and Readback Accuracy Resolution

Voltage output programming accuracy	0.07% of rated output voltage
Current output programming accuracy	0.2% of output current+0.2% of rated output current
Voltage setting resolution	0.01V (≤60 V), 0.1V (>600 V)
Current setting resolution	0.01A (≤60 A), 0.1A (>600 A)
Current setting resolution	Rated output voltage ±0.07%
Current output readback accuracy	Rated output current ±0.3%
Voltage read back resolution	0.01V (≤60 V), 0.1V (>600 V)
Current read back resolution	0.01A (≤60 A), 0.1A (>600 A)

Protection Function

OVP Over voltage protection setting range	10 - 110%, Immediate shutdown of output beyond limit
OCP Over current protection setting range	0 - 105%, Immediate shutdown of output beyond limit
OTP Over temperature protection	Immediate shutdown of output beyond limit
OPP over power protection	10 - 110%, Immediate shutdown of output beyond limit

Ambient Condition

Environment	Indoor use; Installation overvoltage class: II; Pollution level: P2; Class II equipment
Ambient temperature	0°C to 50°C, optional -10°C to 50°C, -20°C to 50°C, -40°C to 50°C
Storage environment temperature	-20°C to 65°C,
Working environment humidity	20%-90% RH, No condensation, continuous operation
Storage environment humidity	10% - 95% RH, No condensation
Altitude	Above an altitude of 2000 meters, the power decreases by 2% for every 100 meters increase, or the maximum working environment temperature decreases by 1 °C for every 100 meters; When not in operation, it can reach an altitude of 12000 meters
Burial	Forced air cooling, intelligent variable speed fan, front/side air inlet, rear air outlet
Noise	≤ 65dB(A), Weighted measurement with 1 m

Control Panel

Monitor	Digital tube display, 4 digit voltage display, with an accuracy of 0.07% of the rated output voltage; Current display with 4 digits, accuracy of 0.3% of rated output current

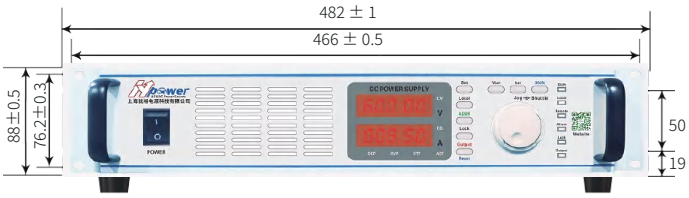
Input Power Supply

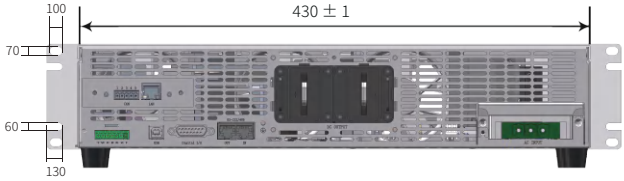
Frequency	47 Hz - 63 Hz
Connection	Single phase two wire+ground wire, 220 V ± 15%
Power factor (typical value)	0.99

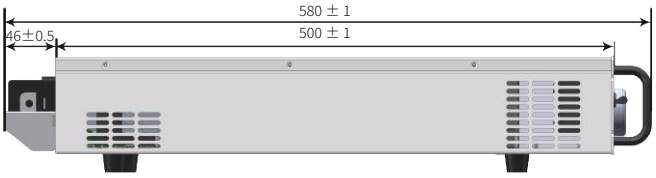
Size&Color

Width * Depth * Height	430(W) * 500(D) * 88(H) mm, 2U
Colour	RAL 7035

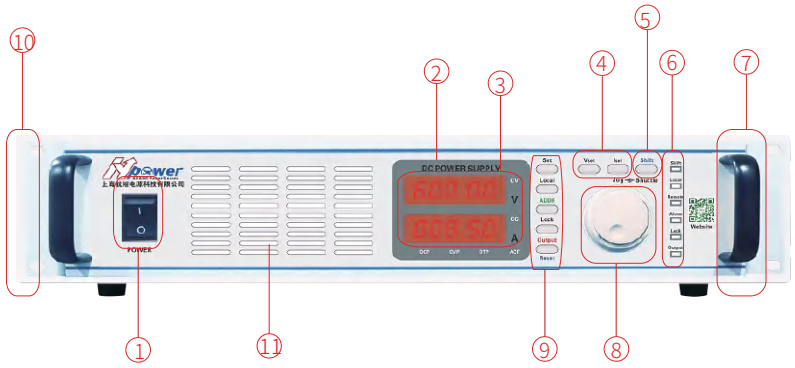
2U 430(W) * 500(D) * 88(H) mm







Control Panel



① Power input circuit breaker (2U single-phase)
② Nixie tube display
③ Voltage/current display
④ Voltage/current setting key
⑤ Shift Function reset key
⑥ Status indicator light
⑦ Chassis handle
⑧ Multistage shuttle adjustment knob (inner circle fine adjustment/outer circle coarse adjustment)
⑨ Lock、Enter、Esc、Local、Reset、Output ON/OFF
⑩ 19 inch standard rack mounting holes
⑪ Vents

Power Semiconductor Customer

Changchun National Science
Electrical industry
China Resources Microelectronics
Shanghai Huinengtai Semiconductor
Yuexin Technology
Wishing to create technology
Group core microelectronics
Hangzhou Zhongsi
Feishide
Suzhou Lianxun Instrument
Weiyujia Semiconductor
Shanghai Zhanxin Semiconductor
Chengxin Technology
Zhuoxinda Technology

Enterprise In The Field Of Automotive Electronics

CATARC
CAERI
BMW
China FAW Group Corporation
Hong Qi Automobile
SAIC Motor
Saic Volkswagen
Tesla Inc.
Weilai
Xiaomi Automobile
BYD
Valeo
polary
Lantu Automobile
GEELY Automobile
Huichuan
HAOMO.AI
Shanghai Tongmin
Ningde Age
Human Horizons
Hezhong New Energy

High-Tech R&D Enterprise

Huawei
FARATRONIC
Panasonic
EPCOS
TYCO
Weidmuller
Honeywell
Nader
SIEMENS
ABB
Schneider
NOSRK
HONGFA
EOPLE
FLUKE
Philips
Gree
Guilin Rubber Machinery Factory
CASCO
CRRC
US PI
HILTI
BOSCH
Linde
NARI-TECHNOLOGY
Shanghai Electric
New Thunder Energy
Silan

Cooperative Clients (Partial)

Aerospace & Defense Military Industry Research Institute

CASC　CASIC　AVIC　AECC　CETC　CSSC　CSIC

CASC 800 (Shanghai Aerospace Precision Machinery Research Institute)
CASC 801 (Shanghai Institute of Space Propulsion)
CASC 803 (Shanghai Aerospace Control Technology Institute)
CASC 804 (Shanghai Aerospace Electronic Communication Equipment Research Institute)
CASC 805 (Shanghai Aerospace System Engineering Institute)
CASC 808 (Shanghai Precision Measurement and Testing Institute)
CASC 811 (Shanghai Space Power Research Institute)
CASC 812 (Shanghai Satellite Equipment Research Institute)
CASC 502 (Beijing Control Engineering Research Institute)
CASC 510 (Lanzhou Institute of Space Technology Physics)
CASC 203 (China Ordnance Industry 203 Research Institute)
CASIC 206 (Beijing Machinery and Equipment Research Institute)
CASIC 242 Factory (Lanzhou Flight Control Co., LTD.)
CASIC 307 Factory (Aerospace Chenguang Co., LTD.)
CASIC 33 (33 Aerospace Science and Industry Institutes)
CASIC 3651 Factory (Shanghai Aerospace Control Technology Institute)

AVIC 603 (AVIC Xi 'an Aircraft Design and Research Institute)
AVIC 613 (Luoyang Electro-Optical Equipment Research Institute of Aviation Industry Corporation of China)
AVIC 615 (Aeronautical Radio Electronics Research Institute of China)
AVIC 618 (Xi 'an Flight Automatic Control Research Institute)
AVIC 631 (Aviation Computing Technology Research Institute of AVIC)
AVIC 105 Factory (Tianjin Aviation Electromechanical Co., LTD.)
AVIC 115 Factory (Shaanxi Aero Electric Co., LTD.)
AVIC 118 Factory (Shanghai Aviation Electric Appliance Co., LTD.)
AVIC 135 Factory (State-owned Wanli Electromechanical Factory)
AVIC 181 Factory (Wuhan Aviation Instrument Co., LTD.)
AVIC 304 (Beijing Great Wall Institute of Measurement and Testing Technology)
AECC 606 (Shenyang Engine Research Institute)
AVIC 607 (China Leihua Electronic Technology Institute)
Jiangnan Shipbuilding (Group) Co., LTD
Nanjing Panda Electronics Co., LTD
State-owned 741 Factory (Nanjing Huadong Electronics Group Co., LTD.)
Institute of Modern Physics, Chinese Academy of Sciences

CETC 14 (Nanjing Institute of Electronic Technology)
CETC 21 (Shanghai Micromotor Research Institute)
CETC 23 (Shanghai Transmission Line Research Institute)
CETC 36 (Gangnam Electronics and Communication Research Institute)
CETC 38 (East China Institute of Electronic Engineering)
CETC 50 (Shanghai Microwave Technology Research Institute)
CETC 51 (Shanghai Microwave Equipment Research Institute)
CETC 54 (Shijiazhuang Communication Measurement and Control Technology Research Institute)
CETC 55 (Nanjing Institute of Electronic Devices)
CSIC 707 (Tianjin Institute of Marine Instruments)
CSIC 7107 (Shaanxi Aerospace Navigation Equipment Co., LTD.)
CSIC 719 (Wuhan Second Ship Design Institute)
CSIC 704 (Shanghai Marine Equipment Research Institute)
CSIC 726 (Shanghai Marine Electronic Equipment Research Institute)

Scientific Research & Third Party Quality Inspection Agency

Technical Institute of Physics and Chemistry (Beijing)
Institute of Urban Environment (Xiamen)
Electrotechnical Research Institute (Beijing)
Institute of Applied Physics (Shanghai)

Cooperative Clients (Partial)

The Chinese People's Liberation Army

South Sea Fleet

East China Sea Fleet

North Sea Fleet

Navy Factory 701 / Factory 702

4724 Factory (Shanghai Haiying Machinery Factory)

Unit 95861 (Air First Base)

5720 Factory of the People's Liberation Army of China

Commercial Aviation

COMAC
Commercial Aircraft Corporation of China

Collins Aerospace
Rockwell Collins

GAMECO
Guangzhou Aircraft Maintenance Engineering Co., LTD

Ameco
Beijing Aircraft Maintenance Engineering Co., LTD

Military Academies & Local Universities

national university of defense technology

Aerospace Engineering University

Army Engineering University

air force engineering university

naval university of engineering

Dalian Naval Academy

Naval Aviation University

Beihang University

Beijing Institute of Technology

Harbin Institute of Technology

Harbin Engineering University

Nanjing University of Aeronautics and Astronautics

Nanjing University of Science and Technology

Northwestern Polytechnical University

University of Science and Technology of China

Tsinghua University

Peking University

Shanghai Jiaotong University

Zhejiang University

Tianjin University

Huazhong University of Science and Technology

University of Electronic Science and technology

Shanghai University

Beijing University of Technology

Shanghai Maritime University

Dalian University of Technology

Dalian Maritime University

South China University of Technology

Huazhong University of Science and Technology

Xi'an Electronic Technology

Xi'an Jiaotong University

Sichuan University

donghua university

north china institute of aerospace engineering

Fudan University

Xiamen University

north china electric power university

Changchun Institute of Technology

xiangtan university

zhejiang university of technology

Xi'an University of technology

University of Electronic Science and Technology of China

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