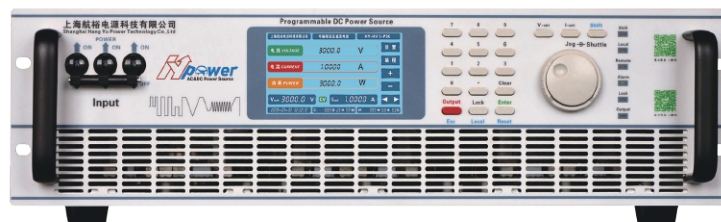
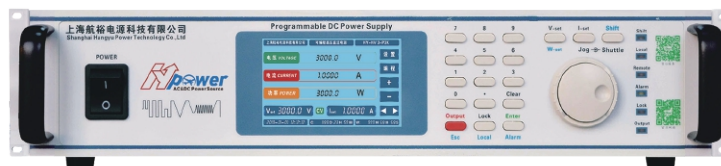
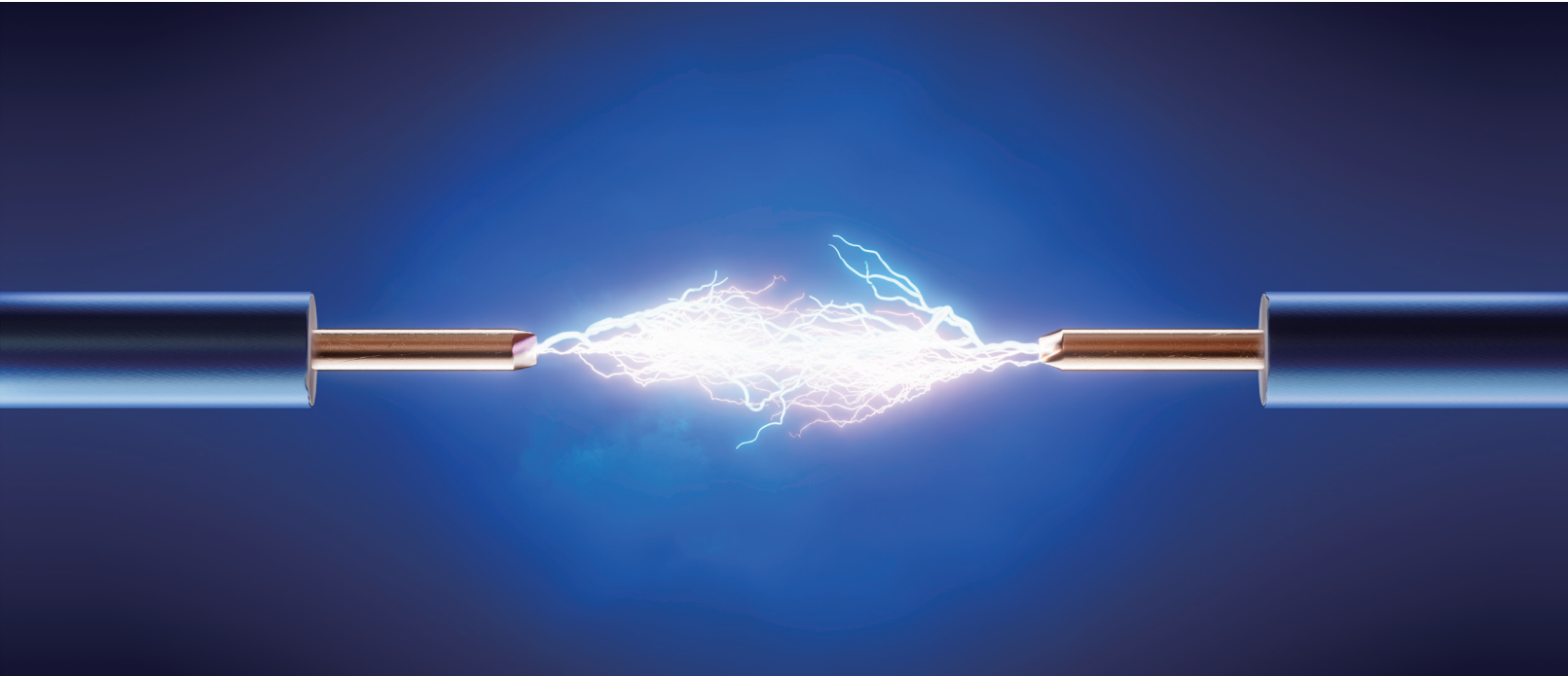




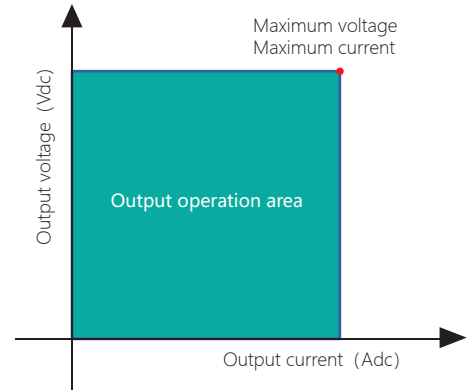
HY-HV series

Programmable High Voltage DC Power Supply

Military Quality Power Supply Expert



High voltage, high power, high accuracy



This is a high-voltage programmable DC power supply with multiple voltage options and a flexible and intelligent Programming function, simple and easy to operate panel, widely praised by customers.

Product Features

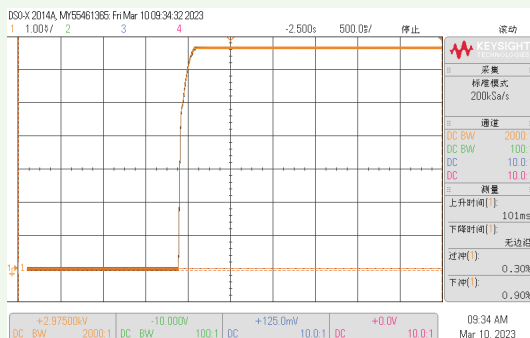
- Output voltage model: 2kV、3kV、4kV、5kV、6kV、8kV、10kV、15kV、20kV……50kV etc
- High power density: single machine maximum 150kW
- 16 bits D/A High precision converter with precise output
- 20 bits A/D High precision converter for more accurate read back

Application Area

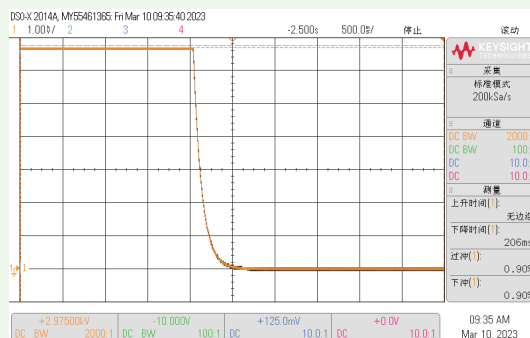
Commonly used as a high-voltage power supply for power semiconductor devices, with a maximum voltage of 50kV, For power semiconductor devices such as IGBT, MOS transistor, diode, silicon carbide device, etc Conduct voltage withstand, breakdown, and other tests.

- | | | |
|------------------------------|--------------------------------------|-------------------------|
| ■ Ion Beam Implantation | ■ High Energy Physics Research | ■ insulation test |
| ■ Semiconductor Process | ■ Power semiconductor testing | ■ pulse power |
| ■ Electron beam power supply | ■ Diode reverse bias test | ■ accelerator |
| ■ Capacitor charging | ■ High voltage device breakdown test | ■ laser |
| ■ precipitator | ■ High voltage amplifier bias | ■ medical treatment |
| ■ X-ray system | ■ Shore based power supply | ■ chemical purification |
| ■ generator excitation | ■ Electrostatic testing | ■ Device aging |

Measured Waveform



HY-HV 10kV-50mA Full load rise time: 101ms



HY-HV 10kV-50mA Full load descent time: 206ms



DC power wiring, communication connection, programming operation demonstration



High voltage measurement demonstration

HY-HV Series Product Selection Table

Product Selection Instructions

Product Model Naming Rules

Product series	Output voltage	Output current	Optional function
HY-HV	2kV	- 5000	- CF

Selection example:

Model: HY-HV 2kV-5000-CF

Output voltage 0 - 2000V, output current 5000mA,

Choose User Defined Features

Communication protocol

Modbus
SCPI

Standard communication interface

RS-485
RS-232
Digital I/O

Purchasing function

- SG : Suspended ground
- T1 : operation temperature -10°C to 50°C
- T2 : operation temperature -20°C to 50°C
- T4 : operation temperature -40°C to 50°C
- CF : User defined functions (please specify when ordering)
- MR : Measurement report (issued by a third party certified by CNAS)

Optional communication interface (Users can install it themselves)

- LAN : Ethernet communication interface
- CAN : CAN communication interface
- GPIB : GPIB communication interface
- IA : Analog programming and monitoring interface (isolated type)

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

HY-HV Series Product Selection And Parameters

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

1kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-500	2kV	500mA	1kW
HY-HV 3kV-333	3kV	333mA	1kW
HY-HV 4kV-250	4kV	250mA	1kW
HY-HV 5kV-200	5kV	200mA	1kW
HY-HV 6kV-167	6kV	167mA	1kW
HY-HV 8kV-125	8kV	125mA	1kW
HY-HV 10kV-100	10kV	100mA	1kW
HY-HV 15kV-67	15kV	67mA	1kW
HY-HV 20kV-50	20kV	50mA	1kW
HY-HV 50kV-20	50kV	20mA	1kW

2kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-1000	2kV	1000mA	2kW
HY-HV 3kV-667	3kV	667mA	2kW
HY-HV 4kV-500	4kV	500mA	2kW
HY-HV 5kV-400	5kV	400mA	2kW
HY-HV 6kV-333	6kV	333mA	2kW
HY-HV 8kV-250	8kV	250mA	2kW
HY-HV 10kV-200	10kV	200mA	2kW
HY-HV 15kV-133	15kV	133mA	2kW
HY-HV 20kV-100	20kV	100mA	2kW
HY-HV 50kV-40	50kV	40mA	2kW

HY-HV Series Product Selection Table

3kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-1500	2kV	1500mA	3kW
HY-HV 3kV-1000	3kV	1000mA	3kW
HY-HV 4kV-750	4kV	750mA	3kW
HY-HV 5kV-600	5kV	600mA	3kW
HY-HV 6kV-500	6kV	500mA	3kW
HY-HV 8kV-375	8kV	375mA	3kW
HY-HV 10kV-300	10kV	300mA	3kW
HY-HV 15kV-200	15kV	200mA	3kW
HY-HV 20kV-150	20kV	150mA	3kW
HY-HV 50kV-60	50kV	60mA	3kW

4kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-2000	2kV	2000mA	4kW
HY-HV 3kV-1333	3kV	1333mA	4kW
HY-HV 4kV-1000	4kV	1000mA	4kW
HY-HV 5kV-800	5kV	800mA	4kW
HY-HV 6kV-667	6kV	667mA	4kW
HY-HV 8kV-500	8kV	500mA	4kW
HY-HV 10kV-400	10kV	400mA	4kW
HY-HV 15kV-267	15kV	267mA	4kW
HY-HV 20kV-200	20kV	200mA	4kW
HY-HV 50kV-80	50kV	80mA	4kW

5kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-2500	2kV	2500mA	5kW
HY-HV 3kV-1667	3kV	1667mA	5kW
HY-HV 4kV-1250	4kV	1250mA	5kW
HY-HV 5kV-1000	5kV	1000mA	5kW
HY-HV 6kV-833	6kV	833mA	5kW
HY-HV 8kV-625	8kV	625mA	5kW
HY-HV 10kV-500	10kV	500mA	5kW
HY-HV 15kV-333	15kV	333mA	5kW
HY-HV 20kV-250	20kV	250mA	5kW
HY-HV 50kV-100	50kV	100mA	5kW

6kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-3000	2kV	3000mA	6kW
HY-HV 3kV-2000	3kV	2000mA	6kW
HY-HV 4kV-1500	4kV	1500mA	6kW
HY-HV 5kV-1200	5kV	1200mA	6kW
HY-HV 6kV-1000	6kV	1000mA	6kW
HY-HV 8kV-750	8kV	750mA	6kW
HY-HV 10kV-600	10kV	600mA	6kW
HY-HV 15kV-400	15kV	400mA	6kW
HY-HV 20kV-300	20kV	300mA	6kW
HY-HV 50kV-120	50kV	120mA	6kW

8kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-4000	2kV	4000mA	8kW
HY-HV 3kV-2667	3kV	2667mA	8kW
HY-HV 4kV-2000	4kV	2000mA	8kW
HY-HV 5kV-1600	5kV	1600mA	8kW
HY-HV 6kV-1333	6kV	1333mA	8kW
HY-HV 8kV-1000	8kV	1000mA	8kW
HY-HV 10kV-800	10kV	800mA	8kW
HY-HV 15kV-533	15kV	533mA	8kW
HY-HV 20kV-400	20kV	400mA	8kW
HY-HV 50kV-160	50kV	160mA	8kW

10kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-5000	2kV	5000mA	10kW
HY-HV 3kV-3333	3kV	3333mA	10kW
HY-HV 4kV-2500	4kV	2500mA	10kW
HY-HV 5kV-2000	5kV	2000mA	10kW
HY-HV 6kV-1667	6kV	1667mA	10kW
HY-HV 8kV-1250	8kV	1250mA	10kW
HY-HV 10kV-1000	10kV	1000mA	10kW
HY-HV 15kV-667	15kV	667mA	10kW
HY-HV 20kV-500	20kV	500mA	10kW
HY-HV 50kV-200	50kV	200mA	10kW

HY-HV Series Product Selection Table

15kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-7500	2kV	7500mA	15kW
HY-HV 3kV-5000	3kV	5000mA	15kW
HY-HV 4kV-3750	4kV	3750mA	15kW
HY-HV 5kV-3000	5kV	3000mA	15kW
HY-HV 6kV-2500	6kV	2500mA	15kW
HY-HV 8kV-1875	8kV	1875mA	15kW
HY-HV 10kV-1500	10kV	1500mA	15kW
HY-HV 15kV-1000	15kV	1000mA	15kW
HY-HV 20kV-750	20kV	750mA	15kW
HY-HV 50kV-300	50kV	300mA	15kW

20kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-10000	2kV	10000mA	20kW
HY-HV 3kV-6667	3kV	6667mA	20kW
HY-HV 4kV-5000	4kV	5000mA	20kW
HY-HV 5kV-4000	5kV	4000mA	20kW
HY-HV 6kV-3333	6kV	3333mA	20kW
HY-HV 8kV-2500	8kV	2500mA	20kW
HY-HV 10kV-2000	10kV	2000mA	20kW
HY-HV 15kV-1333	15kV	1333mA	20kW
HY-HV 20kV-1000	20kV	1000mA	20kW
HY-HV 50kV-400	50kV	400mA	20kW

25kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-12.5	2kV	12.5A	25kW
HY-HV 3kV-8.3	3kV	8.3A	25kW
HY-HV 4kV-6250	4kV	6250mA	25kW
HY-HV 5kV-5000	5kV	5000mA	25kW
HY-HV 6kV-4167	6kV	4167mA	25kW
HY-HV 8kV-3125	8kV	3125mA	25kW
HY-HV 10kV-2500	10kV	2500mA	25kW
HY-HV 15kV-833	15kV	833mA	25kW
HY-HV 20kV-1250	20kV	1250mA	25kW
HY-HV 50kV-500	50kV	500mA	25kW

30kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-15	2kV	15A	30kW
HY-HV 3kV-10	3kV	10A	30kW
HY-HV 4kV-7500	4kV	7500mA	30kW
HY-HV 5kV-6000	5kV	6000mA	30kW
HY-HV 6kV-5000	6kV	5000mA	30kW
HY-HV 8kV-3750	8kV	3750mA	30kW
HY-HV 10kV-3000	10kV	3000mA	30kW
HY-HV 15kV-2000	15kV	2000mA	30kW
HY-HV 20kV-1500	20kV	1500mA	30kW
HY-HV 50kV-600	50kV	600mA	30kW

35kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-17.5	2kV	17.5A	35kW
HY-HV 3kV-11.6	3kV	11.6A	35kW
HY-HV 4kV-8750	4kV	8750mA	35kW
HY-HV 5kV-7000	5kV	7000mA	35kW
HY-HV 6kV-5800	6kV	5800mA	35kW
HY-HV 8kV-4375	8kV	4375mA	35kW
HY-HV 10kV-3500	10kV	3500mA	35kW
HY-HV 15kV-2333	15kV	2333mA	35kW
HY-HV 20kV-1750	20kV	1750mA	35kW
HY-HV 50kV-700	50kV	700mA	35kW

40kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-20	2kV	20A	40kW
HY-HV 3kV-13.3	3kV	13.3A	40kW
HY-HV 4kV-10	4kV	10A	40kW
HY-HV 5kV-8000	5kV	8000mA	40kW
HY-HV 6kV-6667	6kV	6667mA	40kW
HY-HV 8kV-5000	8kV	5000mA	40kW
HY-HV 10kV-4000	10kV	4000mA	40kW
HY-HV 15kV-2667	15kV	2667mA	40kW
HY-HV 20kV-2000	20kV	2000mA	40kW
HY-HV 50kV-800	50kV	800mA	40kW

HY-HV Series Product Selection Table

45kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-22.5	2kV	22.5A	45kW
HY-HV 3kV-15	3kV	15A	45kW
HY-HV 4kV-11.25	4kV	11.25A	45kW
HY-HV 5kV-9000	5kV	9000mA	45kW
HY-HV 6kV-7500	6kV	7500mA	45kW
HY-HV 8kV-5625	8kV	5625mA	45kW
HY-HV 10kV-4500	10kV	4500mA	45kW
HY-HV 15kV-3000	15kV	3000mA	45kW
HY-HV 20kV-2250	20kV	2250mA	45kW
HY-HV 50kV-900	50kV	900mA	45kW

50kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-25	2kV	25A	50kW
HY-HV 3kV-16.7	3kV	16.7A	50kW
HY-HV 4kV-12.5	4kV	12.5A	50kW
HY-HV 5kV-10	5kV	10A	50kW
HY-HV 6kV-8300	6kV	8300mA	50kW
HY-HV 8kV-6250	8kV	6250mA	50kW
HY-HV 10kV-5000	10kV	5000mA	50kW
HY-HV 15kV-3333	15kV	3333mA	50kW
HY-HV 20kV-2500	20kV	2500mA	50kW
HY-HV 50kV-1000	50kV	1000mA	50kW

60kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-30	2kV	30A	60kW
HY-HV 3kV-20	3kV	20A	60kW
HY-HV 4kV-15	4kV	15A	60kW
HY-HV 5kV-12	5kV	12A	60kW
HY-HV 6kV-10	6kV	10A	60kW
HY-HV 8kV-7.5	8kV	7.5A	60kW
HY-HV 10kV-6	10kV	6A	60kW

70kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-35	2kV	35A	70kW
HY-HV 3kV-23	3kV	23A	70kW
HY-HV 4kV-17.5	4kV	17.5A	70kW
HY-HV 5kV-14	5kV	14A	70kW
HY-HV 6kV-12	6kV	12A	70kW
HY-HV 8kV-9	8kV	9A	70kW
HY-HV 10kV-7	10kV	7A	70kW

80kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-40	2kV	40A	80kW
HY-HV 3kV-27	3kV	27A	80kW
HY-HV 4kV-20	4kV	20A	80kW
HY-HV 5kV-16	5kV	16A	80kW
HY-HV 6kV-13	6kV	13A	80kW
HY-HV 8kV-10	8kV	10A	80kW
HY-HV 10kV-8	10kV	8A	80kW

90kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-45	2kV	45A	90kW
HY-HV 3kV-30	3kV	30A	90kW
HY-HV 4kV-22.5	4kV	22.5A	90kW
HY-HV 5kV-18	5kV	18A	90kW
HY-HV 6kV-15	6kV	15A	90kW
HY-HV 8kV-11	8kV	11A	90kW
HY-HV 10kV-9	10kV	9A	90kW

HY-HV Series Product Selection Table

100kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-50	2kV	50A	100kW
HY-HV 3kV-33	3kV	33A	100kW
HY-HV 4kV-25	4kV	25A	100kW
HY-HV 5kV-20	5kV	20A	100kW
HY-HV 6kV-17	6kV	17A	100kW
HY-HV 8kV-12.5	8kV	12.5A	100kW
HY-HV 10kV-10	10kV	10A	100kW

110kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-55	2kV	55A	110kW
HY-HV 3kV-37	3kV	37A	110kW
HY-HV 4kV-27.5	4kV	27.5A	110kW
HY-HV 5kV-22	5kV	22A	110kW
HY-HV 6kV-18	6kV	18A	110kW
HY-HV 8kV-13.75	8kV	13.75A	110kW
HY-HV 10kV-11	10kV	11A	110kW

130kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-65	2kV	65A	130kW
HY-HV 3kV-43	3kV	43A	130kW
HY-HV 4kV-32.5	4kV	32.5A	130kW
HY-HV 5kV-26	5kV	26A	130kW
HY-HV 6kV-22	6kV	22A	130kW
HY-HV 8kV-16	8kV	16A	130kW
HY-HV 10kV-13	10kV	13A	130kW

150kW Series Power Selection

Models	Output voltage	Output current	Output power
HY-HV 2kV-75	2kV	75A	150kW
HY-HV 3kV-50	3kV	50A	150kW
HY-HV 4kV-37.5	4kV	37.5A	150kW
HY-HV 5kV-30	5kV	30A	150kW
HY-HV 6kV-25	6kV	25A	150kW
HY-HV 8kV-19	8kV	19A	150kW
HY-HV 10kV-15	10kV	15A	150kW

Constant Voltage Mode (CV Mode)

Voltage adjustable output range	< 5kV: 0.5%-100% Output Value; ≥10kV: 1%-100% Output Value
Input adjustment rate (CV Model)	0.05%+500mV (Input voltage variation ± 10%)
Load regulation (CV Model)	0.05%+500mV (No load to rated load)
Ripple effective value (5 Hz - 20 MHz)	0.1% _{p-p} +1V _{rms}

Constant Current Mode (CC Mode)

Current can be set to output range	0 - Rated output value
Input adjustment rate (CC Model)	0.05% (Input voltage variation ± 10%)
Load regulation (CCModel)	0.05% ±100uA (No load to rated load)

HY-HV Series Technical Parameter

Programming And Readback Accuracy Resolution

Voltage output programming accuracy	Rated output voltage 0.1%
Current output programming accuracy	0.2% of output current+0.2% of rated output current
Voltage setting resolution	0.1V ($\leq 6000V$) 1V ($> 6000V$)
Current setting resolution	0.1mA ($\leq 6000mA$) 1mA ($> 6000mA$)
Voltage output readback accuracy	$\pm 0.05\%$ of rated output voltage+ $\pm 0.05\%$ of actual voltage
Current output readback accuracy	$\pm 0.1\%$ of rated output current+ $\pm 0.1\%$ of actual current
Voltage read back resolution	0.01 V (≤ 10000) ; 0.1V ($> 10000V$)
Current read back resolution	0.01 mA ($\leq 10000mA$) 0.1mA ($> 10000mA$)

Stability Temperature Coefficient

Stability (rated output voltage/current)	U:0.05% I: 0.05% (After 30 minutes of power on at a certain input voltage and load ambient temperature, 8 hours)
Temperature coefficient (rated output voltage/current)	U:200ppm/ $^{\circ}C$ I: 300ppm/ $^{\circ}C$ (After 30 minutes of power on)

Protection Function

OVP Overvoltage protection setting range	10 - 110%, Immediate shutdown of output beyond limit
OCP Overcurrent 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 level: II; Pollution level: P2; Class II equipment
Ambient temperature	0 $^{\circ}C$ to 50 $^{\circ}C$, optional-10 $^{\circ}C$ to 50 $^{\circ}C$, -20 $^{\circ}C$ to 50 $^{\circ}C$, -40 $^{\circ}C$ to 50 $^{\circ}C$
Storage environment temperature	-20 $^{\circ}C$ to 65 $^{\circ}C$,
Working environment humidity	20%-90% RH, No condensation, continuous operation
Storage environment humidity	10% - 95% RH, No condensation
Altitude	At an altitude of over 2000 meters without condensation, the power decreases by 2% for every 100 meters increase, or the maximum working environment temperature decreases by 1 $^{\circ}C$ 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	$\leq 65dB(A)$, Weighted measurement with 1 m

Control Panel

Monitor	4-inch LCD display, touch screen
Control function	Numeric key input, multi-level shuttle knob adjustment (outer circle coarse adjustment/inner circle fine adjustment) output ON/OFF switch, Lock keyboard and touch lock, Reset restart, status indicator light (Shift / Local / Remote / Alarm / Lock / Output)
Programming function	Step step、ladder、Gradient

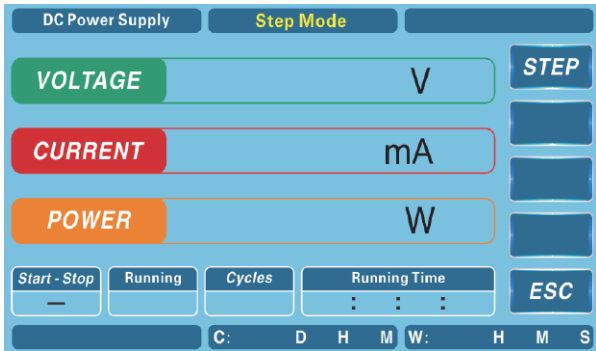
Input Power Supply

Frequency	47 Hz - 63 Hz
Connection	Single phase two wire+ground wire, 220 V \pm 15% Three phase three wire+ground wire, 380 V \pm 15% (-3P Standard configuration model)

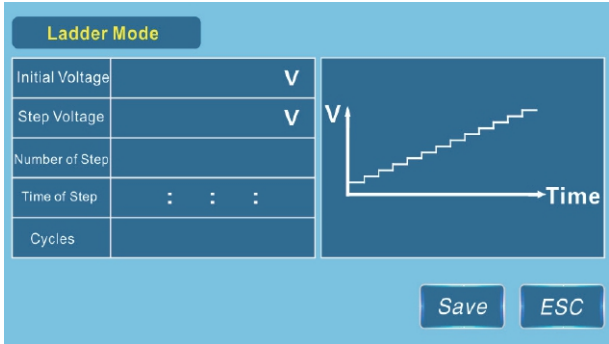
Size

Size	430(W) * 500(D) * 88(H) mm, 2U 482.6(W) * 660(D) * 133(H) mm, 3U Different voltage and power use different chassis.
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Programmable Function



Homepage



The ladder setting page can set the required initial frequency, step frequency, initial voltage, step voltage, step times and step time.

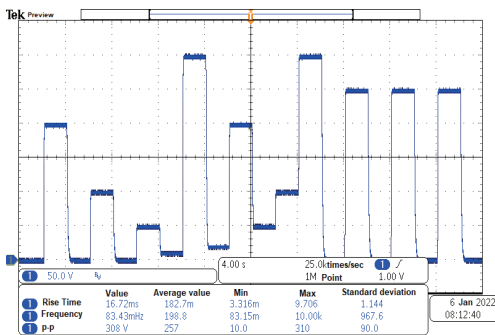


The step setting page can set the required frequency, voltage, running time, initial step, end step and cycle times.

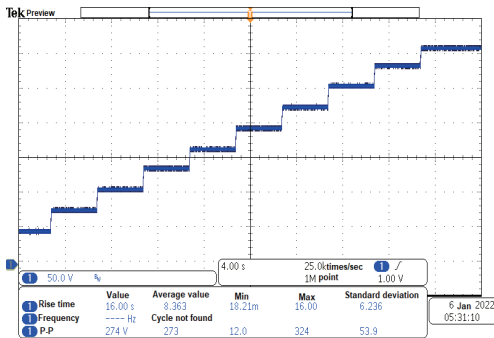


The gradient setting page can set the required voltage, frequency, running time, initial step and end step.

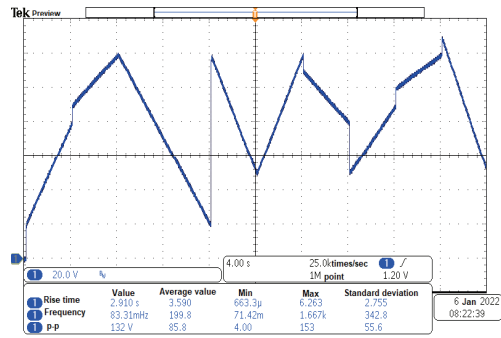
Output Waveform



Step order



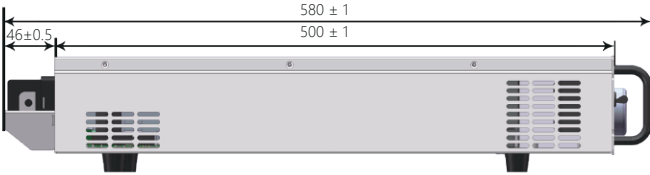
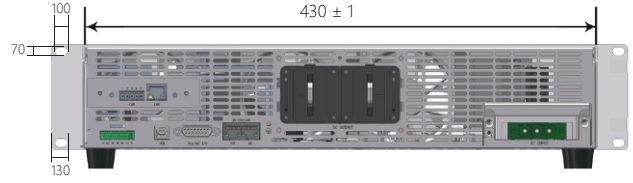
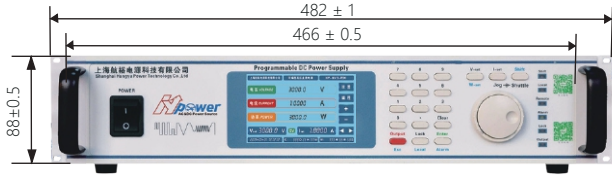
Ladder



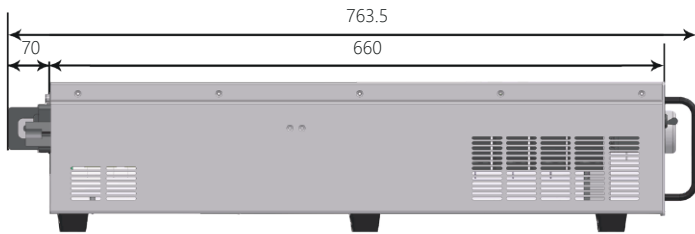
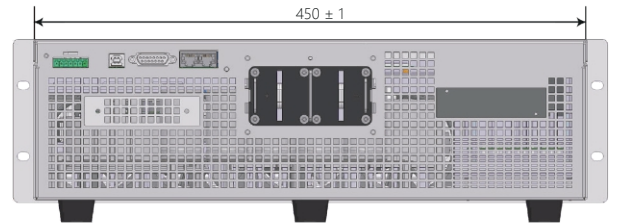
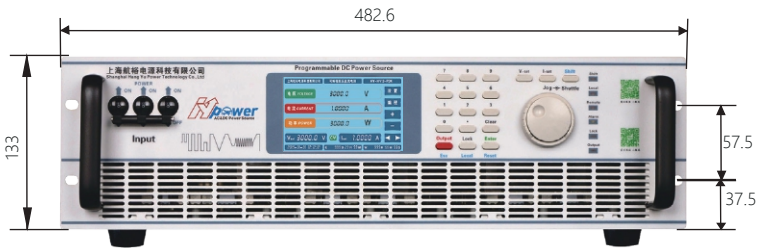
Gradual change

Appearance&Size Outline Dimension

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

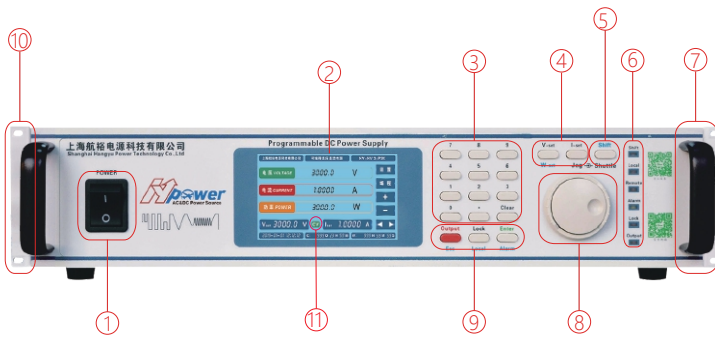


3U 482.6(W) * 660(D) * 133(H) mm



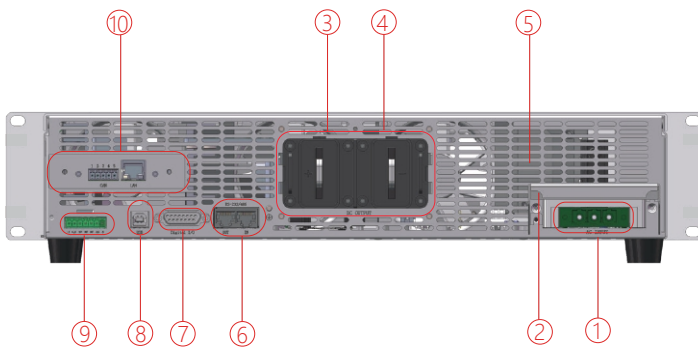
Display and Control Panel Display & Control Panel

Control Panel



- ① Power input circuit breaker (2U single-phase, 3U three-phase)
 - ② LCD display (4-inch, touch screen)
 - ③ Number input keyboard
 - ④ Voltage/current setting key
 - ⑤ Shift Function reset key
 - ⑥ Status
 - ⑦ Chassis handle
 - ⑧ Multistage shuttle adjustment knob (inner circle fine adjustment/outer circle coarse adjustment)
 - ⑨ Lock, Enter to confirm, Esc to exitLocal, Reset restart
 - ⑩ Output ON/OFF switch
 - ⑪ 19 inch standard rack mounting holes
- CC/CVPriority can be set

Rear Panel



- ① AC input terminal
 - ② AC input terminal protective cover
 - ③ DC output terminal (+ / -)
 - ④ DC output terminal protective cover
 - ⑤ Heat dissipation air outlet
 - ⑥ RS-485 & RS-232 communication interface
 - ⑦ Digital I/O communication interface
 - ⑧ USB communication interface
 - ⑨ Remote compensation measurement terminal
 - ⑩ Purchase communication interface (one out of three)
- LAN & CAN communication interface
 GPIB communication interface
 Analog programming and monitoring interface (isolated type)

Display Interface



- ① Manufacturer's name
- ② product name
- ③ Model
- ④ Voltage/current/power read back display area
- ⑤ Function setting area
- ⑥ Voltage/Current Setpoints&CV/CC Status
- ⑦ TIME
- ⑧ Accumulated running time
- ⑨ This run time

Cooperative Clients (Partial)

Power Semiconductor Customers

 Changchun Guoke	 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

Enterprises in the Field of Automotive Electronics

 China Automotive Research and Development	 Heavy Industry Automotive Research and Development	 BMW Brilliance	 Red Banner	 SAIC Group	 SAIC Volkswagen	 吉利汽车 GEELY
 tesla	 Weilai	 Xiaomi Automobile	 BYD	 value	 polary	 岚图 OYAH Lantu Automobile
 Inovance	 HAOMO.AI	 MKLtech	 Shanghai Tongmin Vehicle	 Ningde Era	 Human Horizons	 合众新能源 Hezhong New Energy

High Tech R&D Enterprises

 Huawei	 法拉电子 FARATRONIC	 Panasonic	 EPCOS	 TYCO	 Weidmüller	 Honeywell
 Nader	 SIEMENS	 ABB	 Schneider	 诺雅克 NOSRK	 HONGFA	 EOPLE
 FLUKE	 Philips	 Gree	 桂林橡胶机械有限公司 Guilin Rubber Machinery Factory	 卡斯柯 CASCO	 中国中车 CRRC	 power integrations™ US PI
 HILTI	 BOSCH	 linde	 国家电网 南瑞集团公司 NARI-TECHNOLOGY	 上海电气	 SUPLET® New Thunder Energy	 Silan

Aerospace and National Defense Military Industry Research Institute



china
aerospace



CASIC



aviation
industry



China
Aerospace



CETC



CSSC



CSIC

CASC 800 institute (Shanghai Aerospace Precision Machinery Research Institute)	AVIC 603 institute (AVIC Xi'an Aircraft Design and Research Institute)	CETC 14 institute (Nanjing Institute of Electronic Technology)
CASC 801 institute (Shanghai Institute of Space Propulsion)	AVIC 613 institute (China Aviation Industry Group Luoyang Electro Optic Equipment Research Institute)	CETC 21 institute (Shanghai Micromotor Research Institute)
CASC 803 institute (Shanghai Institute of Space Propulsion)	AVIC 615 institute (China Aviation Industry Group Luoyang Electro Optic Equipment Research Institute)	CETC 23 institute (Shanghai Transmission Line Research Institute)
CASC 804 institute (Shanghai Aerospace Electronic Communication Equipment Research Institute)	AVIC 618 institute (Xi'an Automatic Flight Research Institute of China Radio Aviation Research Institute)	CETC 36 institute (Jiangnan Electronic Communication Research Institute)
CASC 805 institute (Shanghai Aerospace Systems Engineering Research Institute)	AVIC 631 institute (AVIC Aerospace Computing Technology Research Institute)	CETC 38 institute (East China Electronic Engineering Research Institute)
CASC 808 institute (Shanghai Institute of Precision Metrology and Testing)	AVIC 105 factory (Tianjin Aviation Electromechanical Co., Ltd)	CETC 50 institute (Shanghai Microwave Technology Research Institute)
CASC 811 institute (Shanghai Space Power Research Institute)	AVIC 115 factory (Shaanxi Aviation Electric Co., Ltd)	CETC 51 institute (Shanghai Microwave Equipment Research Institute)
CASC 812 institute (Shanghai Satellite Equipment Research Institute)	AVIC 118 factory (Shanghai Aviation Electrical Appliances Co., Ltd)	CETC 54 institute (Shijiazhuang Communication Measurement and Control Technology Research Institute)
CASC 502 institute (Beijing Institute of Control Engineering)	AVIC 181 factory (Wuhan Aviation Instrument Co., Ltd)	CETC 55 institute (Nanjing Institute of Electronic Devices)
CASC 510 institute (Lanzhou Institute of Space Technology Physics)	AVIC 607 institute (China Leihua Electronic Technology Research Institute)	CSIC 707 institute (Tianjin Institute of Navigation Instruments)
CASIC 206 institute (Beijing Institute of Mechanical Equipment)	AVIC 304 institute (Beijing Great Wall Metrology and Testing Technology Research Institute)	CSIC 7107 institute (Shaanxi Aerospace Navigation Equipment Co., Ltd)
CASIC 307 factory (Aerosun Corporation)	AECC 606 institute (Shenyang Engine Research Institute)	CSIC 719 institute (Wuhan Second Ship Design and Research Institute)
CASIC 33 institute (Institute 33 of Aerospace Science and Industry Third Institute)		CSIC 704 institute (Shanghai Shipbuilding Equipment Research Institute)
CASIC 3651 factory (Guizhou Aerospace Linquan Motor Co., Ltd)		CSIC 726 institute (Shanghai Institute of Ship Electronic Equipment)
		Jiangnan Shipbuilding (Group) Co., Ltd
		Nanjing Panda Electronics Co., Ltd
		State owned 741 Factory (Nanjing East China Electronics Group Co., Ltd.)

Scientific Research&Third Party Quality Inspection Institutions



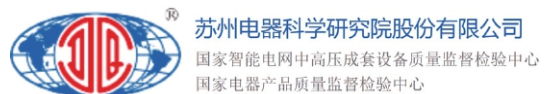
Institute of Physical and Chemical Technology (Beijing)

Urban Environment Research Institute (Xiamen)



Institute of Electrical Engineering (Beijing)

Institute of Applied Physics (Shanghai)



Cooperative Clients

The Chinese People's Liberation Army

South China Sea Fleet
 East China Sea Fleet
 North Sea Fleet
 Navy Factory 701/702
 4724 Factory (Shanghai Haiying Machinery Factory)
 95861 Unit (Air First Base)
 The 5720th Factory of the People's Liberation Army of China

Commercial Aviation



COMAC
Commercial Aircraft Corporation of China Limited



Collins Aerospace
Rockwell Collins



GAMECO
Guangzhou Aircraft Maintenance Engineering Co., Ltd



Ameco
Beijing Aircraft Maintenance Engineering Co., Ltd

Military Academies and 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 University	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

Official WeChat:
hypower-cn



About us

Hangyu Power was founded in 2011 and is a national high-tech enterprise, Located in Songjiang, the birthplace of the G60 Science and Technology Innovation Corridor in the Yangtze River Delta, for over a decade Strive to provide customers with accurate, intelligent, and convenient testing power solutionsPlan.

Our company adheres to the product positioning of "specialty, precision, specialty, and novelty", and On the basis of targeting the market demand for "import substitution", propose "poor The development strategy of "differentiated import substitution" and "high-quality manufacturing" is committed to Innovative development of testing power supply technology in China, promoting the rejuvenation of science and technology in China The national cause is thriving.

Hangyu Power Series products cover power semiconductors, automotive electronics Aerospace, Defense and Military Industry, Low Voltage Electrical Appliances, Medical, Sensors Capacitors, inductors, smart grids, airborne, shipborne, weapons, ships.

Radar, communication, rail transit, power electronics, and other testing and other disciplines In the field of research, we strive to achieve perfect import substitution, with excellent military quality and service,

Win unanimous praise from users.

Contact us

Tel: +86 1380 1800 699

Email:sales@hangyupower.com
neo@hangyupower.com

Address: Building 9, No. 615 Lianhe Road, Songjiang District, Shanghai, China

website:www.hangyupower.com

- 2009 ● Establishing Shanghai Ouzu Electronics Brand
- 2010 ● Successfully delivered 400kVA high-power AC power supply
- 2011 ● Hangyu Power Supply was established and officially put into operation as a three-phase precision AC power supply and militaryUsing a gyroscope to test the power supply, replacing Russian made products
- 2012 ● Formal production of programmable variable frequency power supply and AC constant current source
- 2013 ● Formal production of programmable AC/DC power supply and HY-AE excitation power supply
- 2014 ● Formal production of high-power bipolar testing power supply
- 2015 ● Formal production of HY-PM series and HY-GT series new models Dual phase/three-phase gyroscope power supply
- 2016 ● HY-HP series programmable high-power DC power supply officially put into operation
- 2017 ● HY-HV series programmable high-voltage DC power supply officially put into operation
- 2018 ● HY-CTL/CTS capacitor testing high-frequency high current testing power supply And successfully delivered 100kHz, 100Arms
- 2019 ● Official production of high-speed power supply for automotive electronic testing within 500kHz
- 2020 ● Officially put into operation LV123 new energy vehicle testing high-voltage ripple testing power supply
- 2021 ● HY-UHS series ultra-high stability magnet power supply officially put into operation
- 2022 ● HY-HVL series linear high-voltage programmable DC power supply officially put into operation

