



Hangyu Power System (Shanghai) Co., Ltd.

HY-PSP-BSU Series Programmable Six-Phase Power Source



High Reliability Waveform Pure

Military quality power supply expert
To provide customers with accurate, intelligent and convenient test
power supply solutions



HY-PSP-BSU Series Programmable Six Phase Power Source



Product Features

- The output frequency is synchronized with the mains
- Output frequency mode: 45Hz-70Hz
- Input and output phase difference is adjustable, adjustable range 0-359.99°
- Six-phase difference adjustable (three-phase voltage source/three-phase current source)
- Output capacity range 1 kVA-900 kVA
- The voltage rise and fall slopes are adjustable
- Power output soft start function
- 16-bit D/A High precision converter with accurate output
- 16-bit A/D High precision converter, more accurate reading back
- Multiple protection functions OVP, OCP, and OTP
- 19 inch standard rack size or floor type cabinet
- 7-inch ultra large LCD display screen
- Touch screen operation & digital key input
- Multi-stage adjustment knob
- The power input is controlled by circuit breaker, which is more secure
- Output the ON/OFF button
- Fan intelligent speed control design, reduce noise
- Support modbus protocol
- Standard interface: RS-485&RS-232
- Choose buy interface: LAN&CAN

GPIB

Analog quantity programming and monitoring

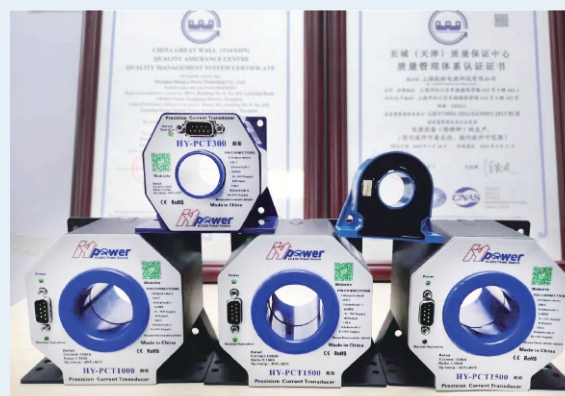
(Isolation type)

Waveform Pure,High Precision,High Reliability



Application Field

- Frame type circuit breaker
- Internal current sensor
- Instrument transformer for electric power
- Measured power factor
- Smart grid
- Calibration of power instruments



PSP-BSU

01

HY-PSP-BSU Series Technical Parameters

Product Model Naming Rules

Product Series	Input Phase Number	Output Phase Number	Output Capacity	Choose And Buy Function	Choose And Buy Function
HY-PSP-BSU	1	6	003	-	CF
Series name	1: Input single phase 3: Input three phases	6: Output six phases	Output capacity 3kVA	The short for Choose And Buy Function, see Choose And Buy Function	- T2 Operating temperature -20°C to 45°C - CF User-defined features (please specify when ordering)
Selection example: Product model: HY-PSP-BSU 16003-CF Input single-phase, output three-phase, output capacity 3kVA, Custom features that users choose to purchase					

Environmental Condition

Environment	Indoor use; Installation overvoltage class: II; Pollution level: P2; Class II equipment
Operating ambient temperature	0°C to 45°C; Choose from -20°C to 45°C
Storage ambient temperature	-20°C to 65°C
Working ambient humidity	20%-90%RH, no condensation, continuous operation
Storage environment humidity	10%-95%RH, no condensation
Altitude	Above 2000 meters above sea level, the power is reduced by 2% per 100 meters, or the maximum working ambient temperature is reduced by 1°C per 100 meters; When not in operation, it can reach an altitude of 12,000 meters
Cooling	Forced air cooling, intelligent speed regulating fan, front/side air inlet, rear air outlet
Noise	≤ 65dB(A), use 1m to weigh the measurement

Control Panel

Display	7 inches, LCD LCD display, touch screen
Display item	Phase voltage/Line voltage (set value & measured value), current measurement value, frequency set value, working time, cumulative working time, current time and date
Control function	Digital key input, multi-stage adjustment knob (outer ring coarse adjustment/inner ring fine adjustment) Output ON/OFF switch, Lock keyboard and touch lock, Reset restart Status indicator (Shift/Local/Remote/Alarm/Lock/Output)

Communication Interface

Standard configuration	RS-485 & RS-232
Choose and buy	LAN, CAN, GPIB, Analog quantity programming and monitoring (Isolation type)

Appearance Color & Size

Colour	RAL 7035
Size	10U, standard 19-inch rack type, or floor type (with movable universal casters and brakes); 18U and above, floor type cabinets, with movable universal casters and brakes.

Appearance & Size

10U 440(W)*600(D)*445(H)mm



18U 600(W)*800(D)*920(H)mm



Size

03

24U 600(W)*800(D)*1190(H)mm
30U 600(W)*800(D)*1453(H)mm
36U 600(W)*800(D)*1718(H)mm

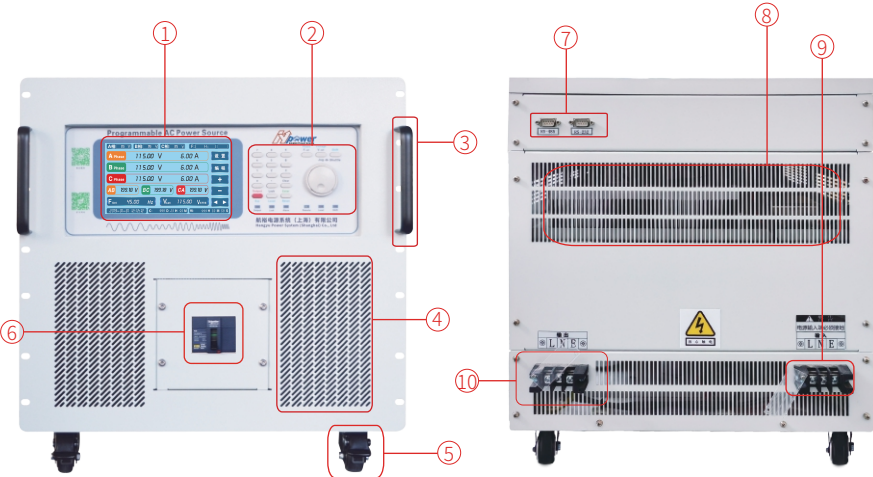


Size

04

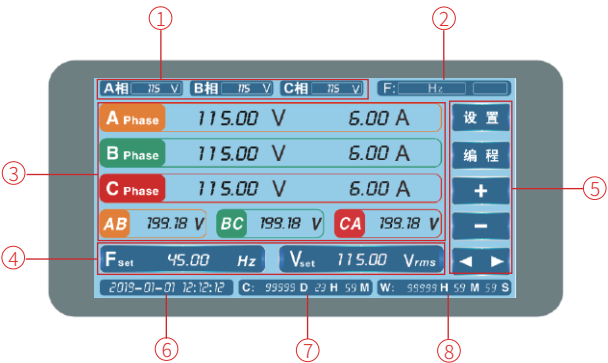
Display And Control Panel

Front Panel & Rear Panel



- ① LCD display (7 inches, touch screen)
- ② Control area
- ③ 19-inch standard rack handle
- ④ Heat dissipation air inlet
- ⑤ Caster wheel
- ⑥ Power input circuit breaker
- ⑦ Communication interface
- ⑧ Heat dissipation air outlet
- ⑨ AC input terminals
- ⑩ AC output terminals

Display Interface



- ① Three-phase voltage set value
- ② Frequency display area
- ③ Phase voltage, line voltage, current display area
- ④ Frequency/voltage setting value
- ⑤ Function setting area
- ⑥ Current time
- ⑦ Accumulated running time
- ⑧ This run time



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All technical data and instructions are based on the actual product

If there is any change, Hangyu Power has the final interpretation right

Authorized distributor:

