

# Digital Intelligent Power Sequencer (with first-stage filtering)



## HY-SP408A

ที่ 63% ในเครื่อง

### Functions and Parameters

- ◆ 1. Features 8 independent high-power controlled power outputs, with a maximum power of 2500W per channel;
- ◆ 2. ★ Equipped with an 8-channel 16A dual-purification dedicated EMI primary filter purification system, eliminating interference from lighting, wiring, and electromagnetic fields on the audio system;
- ◆ 3. ★ Equipped with a 2.0-inch color LCD display, supporting real-time display of current voltage, date and time, and channel switch status;
- ◆ 4. ★ Features a timer switch function with a built-in clock chip, allowing for setting based on date and time without manual operation, simplifying equipment management;
- ◆ 5. Supports 8 channel outputs, with freely configurable delay times for each channel (0-999S);
- ◆ 6. ★ Features 10 sets of equipment switch scene data storage and retrieval, making scene management simple and convenient;
- ◆ 7. Includes undervoltage and overvoltage detection and alarm functions, providing reliable protection for the equipment;
- ◆ 8. Supports cascading control of multiple devices and external central control equipment;
- ◆ 9. Enables remote centralized control, with each device having its own settings.
- ◆ 10. Supports panel LOCK function to prevent human error;
- ◆ 11. Features simultaneous manual, central control, or computer software control functions, enabling sequential channel on/off via one-button panel operation;

- ◆ 12. Employs a multi-functional power socket, compatible with various power plugs including international, American, and European standards;
- ◆ 13. Offers open protocols and interfaces, providing one RS-232 and one Ethernet control interface compatible with all programmable controllers or computer software control;

- ◆ Technical Parameters:
- ◆ Operating Power Supply: AC100V~240V 50/60Hz
- ◆ Display: 2.0-inch color LCD display
- ◆ Number of Relays: 8
- ◆ Number of Normally Open Relays: 2
- ◆ Single-Channel Load: 2500W
- ◆ Cascading Method: Terminal Block
- ◆ Indicator Lights: Independent Power Indicator
- ◆ Central Control Interface: RS-232 Female Port
- ◆ Color: Black
- ◆ Dimensions: 483×204×45mm
- ◆ Installation Method: Suitable for 19-inch standard rack mounting

ที่ 100% ในเครื่อง

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# Digital Intelligent Power Sequencer



**HY-SP408**

## Functions and Parameters

- ◆ 1. Features 8 independent high-power controlled power outputs, with a maximum power of 2500W per channel;
  - ◆ 2. Equipped with a 2.0-inch color LCD display, supporting real-time display of current voltage, date and time, and channel switch status;
  - ◆ 3. Features a timer switch function with a built-in clock chip, allowing for setting based on date and time without manual operation, simplifying equipment management;
  - ◆ 4. Supports 8 channel outputs, with freely configurable delay times for each channel (0-999 seconds);
  - ◆ 5. Features 10 sets of equipment switch scene data storage and retrieval, making scene management simple and convenient;
  - ◆ 6. Includes undervoltage and overvoltage detection and alarm functions, providing reliable protection for the equipment;
  - ◆ 7. Supports cascading control of multiple devices and external central control equipment;
  - ◆ 8. Enables remote centralized control, with each device having its own device ID detection and setting;
  - ◆ 9. Supports panel lock. 10. Features simultaneous manual, central control, or computer software control, with one-button switch on/off control of channels to achieve sequential operation;
  - ◆ 11. Employs a multi-functional power socket, compatible with various power plugs including international, American, and European standards;
  - ◆ 12. Open protocols and interfaces, providing one RS-232 control interface compatible with all programmable controllers or computer software control;
- ◆ Technical Parameters:
  - ◆ Operating Power Supply: AC100V~240V 50/60Hz
  - ◆ Display: 2.0-inch color LCD display
  - ◆ Number of Relays: 8
  - ◆ Number of Normally Open Circuits: 2
  - ◆ Single Circuit Load: 2500W
  - ◆ Cascading Method: Terminal Block
  - ◆ Indicator Lights: Independent Power Indicator
  - ◆ Central Control Interface: RS-232 Female Port
  - ◆ Color: Black
  - ◆ Dimensions: 483×204×45mm
  - ◆ Installation Method: Suitable for 19-inch standard rack mounting

## 16-Channel Intelligent Power Sequencer (With TCP/IP Networking)



**HY-SP416**

### Functions and Parameters

- ◆ 1. Employs an embedded RTOS multi-tasking real-time operating system;
- ◆ 2. Utilizes a GUI (Graphical User Interface) library, providing an interactive user interface;
- ◆ 3. Features a 4-inch high-definition touchscreen display with Chinese/English menu switching;
- ◆ 4. Overvoltage, undervoltage, and overcurrent protection settings. When a protection is triggered, a pop-up window on the display will indicate the reason for the protection trigger, and a buzzer will sound. Alternatively, it can be configured to disable the buzzer and display prompts during protection;
- ◆ 5. Power-on/off delay settings: Each channel can have its own individually adjustable delay time from 1-999 seconds (default 1 second);
- ◆ 6. Supports three modes: Standard, KTV, and Video, each configurable on the touchscreen;
- ◆ 7. Equipped with a 10/100M Ethernet interface, fully compatible with TCP/IP, UDP, RTU, MQTT, and HTTP protocols, allowing connection to Huawei Cloud, Alibaba Cloud, Baidu Cloud, Tencent Cloud, and OneNET. 8. Supports unlimited device cascading via RS-232 interface;
- ◆ 9. Supports RS-232 and RS-485 central control, with configurable baud rate and support for reading all device data via inverse code;
- ◆ 10. Supports cumulative power consumption, single-time and multiple-time accumulation;
- ◆ 11. Supports two local 24-hour cycle timer functions;
- ◆ 12. Supports cumulative working time;
- ◆ 13. Supports 16-channel high-voltage control;
- ◆ 14. Supports fire switch, triggering a pop-up notification on the display and a continuous buzzer sound, reset by power failure and restart;
- ◆ 15. Supports infrared control, with switchable control modes;
- ◆ 16. The host computer enables centralized control of multiple devices via TCP/IP;
- ◆ 17. The host computer can display voltage, current, power, and switch status on the devices and also supports serial port control;
- ◆ Dimensions: 483×280×90mm
- ◆ Technical Specifications:
- ◆ Operating Voltage: 90-267V
- ◆ Maximum Total Power: 5000W
- ◆ Maximum Power per Channel: 2500W
- ◆ Product Dimensions: 483×217×90mm

## 16-Channel Intelligent Power Sequencer



HY-SP316

### Functions and Parameters

- ◆ 1. Employs an intelligent MCU-controlled design and 16-channel rear-mounted sequential power output interfaces, with a total output current of 40A;
  - ◆ 2. Features robust and reliable professional-grade transient voltage surge suppression protection, suitable for extended use, and protects against high voltage, surges, and breakdowns;
  - ◆ 3. ★ Includes one front-mounted controllable on/off USB interface for convenient power supply to commonly used devices, and can connect to USB lighting devices with a current rating of <50mA;
  - ◆ 4. ★ Equipped with a 160×32 LCD display, high-precision current and voltage meters for real-time monitoring, power indication, and 16 independent relay status indicators;
  - ◆ 5. The front panel features a master switch and manual control buttons, allowing manual control of single or multiple channels in emergencies;
  - ◆ 6. The on/off delay time for each channel can be set from 0-99 seconds. 9 seconds, default delay is 1 second;
  - ◆ 7. Features simultaneous manual, central control, or computer software control functions. Channels can be sequentially turned on and off via a one-button switch on the panel, achieving timing functionality;
  - ◆ 8. Employs a multi-functional power socket, compatible with various international, American, and European standard two-pin power plugs, eliminating the need for adapters;
  - ◆ 9. Open protocols and interfaces, providing both RS232 and RS485 control interfaces, compatible with all programmable controllers or computer software control;
  - ◆ 10. Multiple devices can be cascaded using the RS-485 interface, supporting up to 256 devices for simultaneous one-button start/stop;
  - ◆ 11. Features channel interlocking and channel disabling functions, suitable for various applications;
  - ◆ 12. Comes with full-featured power sequencer control
- ◆ Technical Specifications:
  - ◆ Power Supply Limit: AC 100-240V/40A
  - ◆ Current Output: 13A per channel, total output supports 40A
  - ◆ Time-Controlled Output Channels: 8 compatible power sockets, 8 normally open and normally closed terminals
  - ◆ Output Channels without Time-Controlled Output: 2 compatible power sockets (front panel)
  - ◆ Auxiliary Functions: Panel equipped with 1 USB interface backlight indicator socket, output current limit <50mA
  - ◆ Delay Adjustable: 0-999 seconds
  - ◆ Control Ports: 1×RS232 serial port, 1×485 central control serial port, 1×wired control interface,

# 16-Channel Intelligent Power Sequencer



**HY-SP216**

## Functions and Parameters

- ◆ 1. Features 16-channel universal socket relay control and 2-channel universal socket direct connection;
  - ◆ 2. Single-channel power/total power/output current: 2000W/6000W/30A 277VAC;
  - ◆ 3. Flame-retardant ABS material, phosphor bronze material with a maximum current withstand of 13A, standard universal socket;
  - ◆ 4. Double-sided fiberboard, main power supply wiring with secondary thickening and reinforcement;
  - ◆ 5. Built-in switching power supply, suitable for global voltage AC90-260V 50-60Hz;
  - ◆ 6. External wiring connection via double knife circuit breaker L N wiring (cable and plug not included);
  - ◆ 7. Uses push-button tactile switches;
  - ◆ 8. Short-circuit and overcurrent protection circuit breaker configuration, circuit breaker neutral and live wire control, leakage current protection  $I_n 30mA/T \leq 0.1s$ , overcurrent protection;
  - ◆ 9. Accurate voltage display;
  - ◆ 10. Sequential opening and reverse closing;
  - ◆ 11. PASS button allows simultaneous opening of all channels;
  - ◆ 12. RS232 13. COM/WIFI/WAN Ethernet port access for central control (command control) or built-in software control;
  - ◆ 14. Switch interval/timer time per channel: Default 1 second (configurable via software);
  - ◆ 15. Cascade unit ID: 0-255;
  - ◆ 16. Leakage protection and overcurrent protection;
  - ◆ 17. Supports independent panel control of each channel (software-configurable), independent channel shutdown.
- ◆ Technical Specifications:
    - ◆ Power Input Conditions (Single-phase 3-wire): AC90-260V/50-60Hz
    - ◆ Number of Channels: 16
    - ◆ Single Channel Power: 2000W
    - ◆ Switch Type: Push-button tactile switch
    - ◆ Independent Switch Function: Yes
    - ◆ WIFI Wireless Control Function: Yes
    - ◆ Online Function: Yes
    - ◆ External Control Switch Interface: Yes
    - ◆ Random Control Software and Central Control Function: Yes
    - ◆ Short Circuit Overcurrent Protection Circuit Breaker: Yes

## 8-Channel Intelligent Power Sequencer



**HY-SP208**

### Functions and Parameters

- ◆ 1. Features 8-channel universal socket relay control and 1-channel universal socket direct connection;
  - ◆ 2. Supports sequential on/reverse off, with a PASS button allowing simultaneous opening of all channels;
  - ◆ 3. Features precise voltage display, supports independent panel control of each channel, and independent channel off;
  - ◆ 4. Each channel's switch interval/timer is 1 second;
  - ◆ 5. Supports cascading functionality;
  - ◆ 6. Features a USB interface with a maximum output of 5V/500MA, compatible with DJ lights;
  - ◆ 7. Features six-fold stability protection: voltage regulation, short circuit, overheating, overcurrent, overvoltage, and over-discharge;
  - ◆ 8. Output power sockets are made of flame-retardant ABS material, with a maximum current capacity of 13A, and are made of phosphor bronze, using standard universal sockets;
  - ◆ 9. Single-channel power is 3000W, total power is 6000W;
  - ◆ 10. Built-in switching power supply, compatible with global voltages, AC100-240V 50-60Hz;
- ◆ Technical Specifications:
  - ◆ Input Power: AC 110V~220V 50Hz-60HZ
  - ◆ Control Capacity: Maximum output current per channel 30A
  - ◆ Number of Power Channels: 8 controlled outputs, 1 uncontrolled output
  - ◆ Timing Interval: 1 second interval between each channel
  - ◆ Single Channel Load: 30A
  - ◆ Indicator Lights: Independent power indicator
  - ◆ Color: Black
  - ◆ Dimensions: 483×252×45mm

## 8-Channel Intelligent Power Sequencer



**HY-SP108**

### Functions and Parameters

- ◆ 1. Features 8-channel universal socket relay-controlled sockets;
  - ◆ 2. Supports sequential opening and reverse closing, with a PASS button allowing simultaneous opening of all channels;
  - ◆ 3. Features precise voltage display, supports independent panel control of each channel, and independent channel closing;
  - ◆ 4. Each channel's switch interval/timing time is 1 second;
  - ◆ 5. Supports cascading functionality;
  - ◆ 6. Features six-fold stability protection: voltage regulation, short circuit, overheating, overcurrent, overvoltage, and over-discharge;
  - ◆ 7. Output power sockets are made of flame-retardant ABS material, with a maximum current capacity of 13A, and are made of phosphor bronze, standard universal sockets;
  - ◆ 8. Single-channel power is 3000W, total power is 6000W;
  - ◆ 9. Built-in switching power supply, compatible with global voltages, AC100-240V 50-60Hz;
- ◆ Technical Specifications:
  - ◆ Input Power: AC 110V~220V 50Hz-60HZ
  - ◆ Control Capacity: Maximum output current per channel 30A
  - ◆ Number of Power Channels: 8 controlled outputs
  - ◆ Timing Interval: 1 second interval between each channel
  - ◆ Single Channel Load: 30A
  - ◆ Indicator Lights: Independent power indicator
  - ◆ Color: Black
  - ◆ Dimensions: 483×185×45mm

## 86 Intelligent Sequential Power Wall Control Panel



HY-SP04

### Functions and Parameters

- ◆ 1. High-definition 4-inch color display screen (480×480 resolution), capable of real-time display of time, voltage, current, power, power factor, and channel switch status;
- ◆ 2. 3 modes can be switched (standard mode, engine mode, karaoke mode);
- ◆ 3. Overvoltage protection, overcurrent protection, and undervoltage protection thresholds can be set;
- ◆ 4. Supports RS-485 control, with a default baud rate of 115200;
- ◆ 5. Supports Chinese and English display;
- ◆ 6. Supports single-time and multiple-time power consumption accumulation in units (kWh);
- ◆ 7. Customizable power-on and screensaver logos, and customizable UI style;
- ◆ Work with HY-SP416
- ◆ Technical Parameters:
  - ◆ Operating Voltage: DC4.5V-30V;
  - ◆ Communication Connector Specification: 2EDG3.81-4P;
  - ◆ Product Dimensions: 86×86×28mm