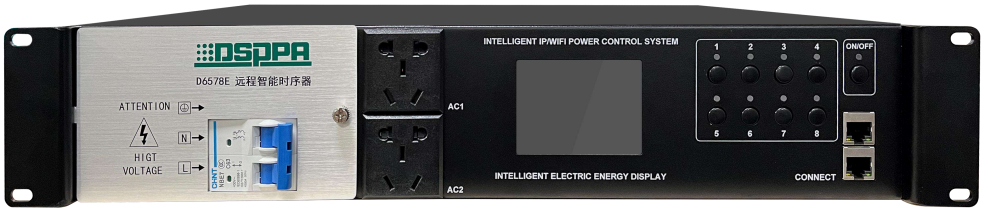
# D6578E

## Remote Intelligent Power Sequence Controller




## Description

The multi-channel intelligent power manager offers stable quality and can be connected to the central control system via IP network or RS-232 for centralized control function. It also integrates RS-485 networking function, supporting up to 254 units connected in a daisy-chain configuration with RJ45 input and output. Additionally, it is equipped with an alternative Phoenix connector on the rear panel for RS-485 connections. Once connected, the system can sequentially power on/off 8*N power ports from front to back. The device also features WiFi AP mode, allowing for Web management through various WiFi terminals or wired network IP login. Furthermore, it provides 1 RS-232 serial port, 1 DC12V trigger output, 1 short-circuit output, 1 short-circuit input, 1 AC220V trigger input, and 2 standard pass-through power output ports on the front panel.

## Features

- The machine adopts an industrial-grade LCD display to display the current energy indicator, date, time, day, channel switch status and timing point networking information of each channel in real time, with delay on/off settings (0~120s) for each channel.
- Each channel can be set with timing on/off time, multiple timing plans, and cycle timing switch. With a built-in high-precision clock chip, it can execute tasks based on the cycle time without manual operation, and can be connected to the network automatically for time calibration, making it easier for device management.
- Equipped with a professional web page (computer, Android phone, iPhone, iPad) for login, management and control operation, enabling a stronger management function in system integration. With RS-232 serial control protocol, it supports external central control device control. With RS-485 serial port networking function, it can achieve sequential system installation for power-on from front to back and power-off from back to front.
- Using universal (two-pin and three-pin plug, compatible with 10A and 16A) sockets, it can be compatible with the power interface of all products. A single unit features an 8-channel sequential power supply, with an optional filter (the model with E), a 2U chassis height, and an air switch device, beautiful in outlook, fine in workmanship.
- With special undervoltage and overvoltage detection and alarm function, to provide reliable guarantee for your devices, with a maximum input current of 63A, a maximum output current of 16A for a single channel, and an operating voltage of 98V-240V.
- Can achieve remote centralized control. Each device can be set to modify the code ID; each group name

can be customized.

- Can control the single on/off operation of the cascade power system by logging into the software (computer, mobile phone, iPad, etc.) after enabling the multi-machine cascade function.
- Using terminal block wiring mode and 63A high-current air switch for device power input.
- Equipped with various digital interfaces, including 1 male central control RS232, IN short-circuit trigger, short-circuit output 3.81MM green block, 1 set of 5V power supply auxiliary output 3.81MM green block, 1 set of RS485 3.81mm green block, 1 set of 12V trigger output 3.81mm green block, 2 USB power supply auxiliary ports (200mA max), and 1 RJ45 network port, supporting wireless WiFi router access, and also equipped with 2 national standard pass-through power output ports on the front panel.
- Support software password login. The password can be changed for easy access to permissions.
- The machine employs a professional industrial-grade power detection solution with specialized power calibration algorithms, providing more real-time parameters and minimizing errors, with voltage, current, power, and frequency clear at a glance.
- Support multi-machine 485 long-distance cascade function, with a maximum capacity of 254 units.
- Operating voltage: 110V~240V.
- Output power sockets: 8 controlled universal sockets on the rear panel are compatible with various standards (universal sockets, EUR standard sockets, US standard sockets).
- Socket standards: compatible with national standards of 6A, 10A and 16A.
- On/Off interval time: Can be set freely.
- Can display the current current, power, and voltage parameters in real time, enabling more convenient remote monitoring of the power system.
- Can trigger the 8-channel power sequencing switches through the AC POWER TRIGGER.
- Chassis height: 2U (88mm).

## Specifications

| Model | D6578E |
|---|---|
| Input/Output Voltage | AC100~240V |
| Output Frequency | 50Hz |
| Maximum Withstand Current | 63A |
| Maximum Current for Single Channel | 16A |
| Current Detection Accuracy | +/-0.1A |
| Voltage Detection Accuracy | +/-1V |
| Maximum Current for DC5V Output | 200mA |
| Output Channel | 8 channels |
| Set Time On/Off | 1-120s |
| Timer | 8 channels |
| Pass-Through Port | 2 channels |
| RS232 | 1 channel |
| RS485 | 1 channel |
| IP | 1 channel |
| WIFI | AP mode (Account: P2P0, Password: 12345678) |
| Weight | 6kg |
| Package Dimensions | 2U (550mm*300mm*150mm) |

# Front / Rear Panel

## Front Panel


① Main Power Switch

Power circuit breaker, on/off.

② Device Power Output Pass-Through Port

Power output pass-through port, each port can handle a maximum current of 10A.

③ PC Color Display Screen

Display current device operation information.

④ Device Direct Connection Output/Input Port

Device direct connection output/input port, connected to the direct connection output/input port (RJ45) of the next device.

⑤ Button Control and Indicators

Independent power output control and power output switch indicator lights for each channel.

⑥ One-Key On/Off Button for Eight-Channel Outputs

Turn on the power output sequentially at the set interval from front to back, and turn off the power output sequentially at the set interval from back to front.

## Rear Panel


① USB Interface

USB auxiliary power port, with backup data exchange.

② Network Interface

Web management and control port.

③ WIFI Antenna Connector

SMA-K port.

④ Phoenix Connector

10-pin Phoenix connector, sequentially for 12V, short-circuit trigger output, short-circuit input, auxiliary 5V power supply, RS-485 port.

⑤ RS232 Serial Port

Used for device upgrades and programming, and as a central control port.

⑥ Power Interface

8-channel power sequencing switch output port.

⑦ Touch Control Power Input Port

AC POWER TRIGGER port for AC220V trigger input, used to control the sequencing switches.

⑧ Power Input Port

10-square cable input port.