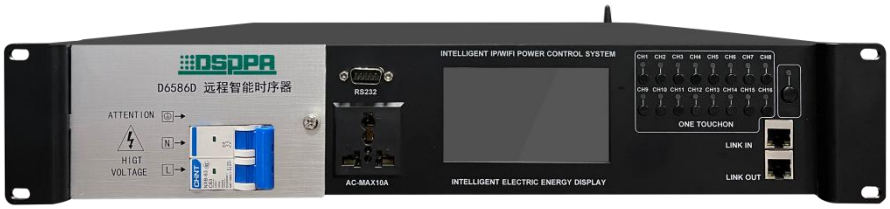
D6586D

16-Channel Remote Intelligent Power Sequence Controller



Description

With stable quality, the 16-channel intelligent power sequence controller supports centralized control via IP network or RS-232 connection to a central control system. It integrates a daisy-chaining function with virtually no limitation on the number of units—simply connect RJ45 input and output ports in sequence to enable sequential power-on from front to back and power-off from back to front across 16 × N power outlets.

The unit is also equipped with a Wi-Fi AP mode, allowing users to log in for web-based management via various Wi-Fi terminals or a wired IP connection. It additionally features an 8-shaped AC220V touch control connector and a USB power port for added convenience.

Features

- Industrial-grade touch LCD screen displaying current power indicator per channel, date, time, weekday, channel switch status, and timing point information; each channel supports delay on/off (1 – 999s) via touchscreen control.
- Each channel supports programmable timing schedules with multiple plans, including single on/off, cycle on/off, and cyclic timed switching. Built-in high-precision clock chip with automatic network time calibration enables scheduled operation without manual intervention, facilitating device management.
- Professional network port web interface (compatible with computer, Android, iOS, and iPad) for login, management, and control, enhancing system integration capabilities. RS-232 serial control protocol supports external central control device integration; RJ45 fixed one-in-one-out daisy-chain port requires no ID configuration, enabling system installation and sequential power-on from front to back, and power-off from back to front.
- Universal sockets compatible with a wide range of power connectors; 16 independent power channels, built-in power filter, 2U chassis, and air switch protection, offering refined appearance and quality construction.
- Over-current detection and alarm function for reliable equipment protection. Maximum input current: 63A; maximum output per channel: 16A; operating voltage: 95V – 240V.
- Remote centralized control: each device supports configurable IP, server IP, port, and online ID; custom

naming available for each group.

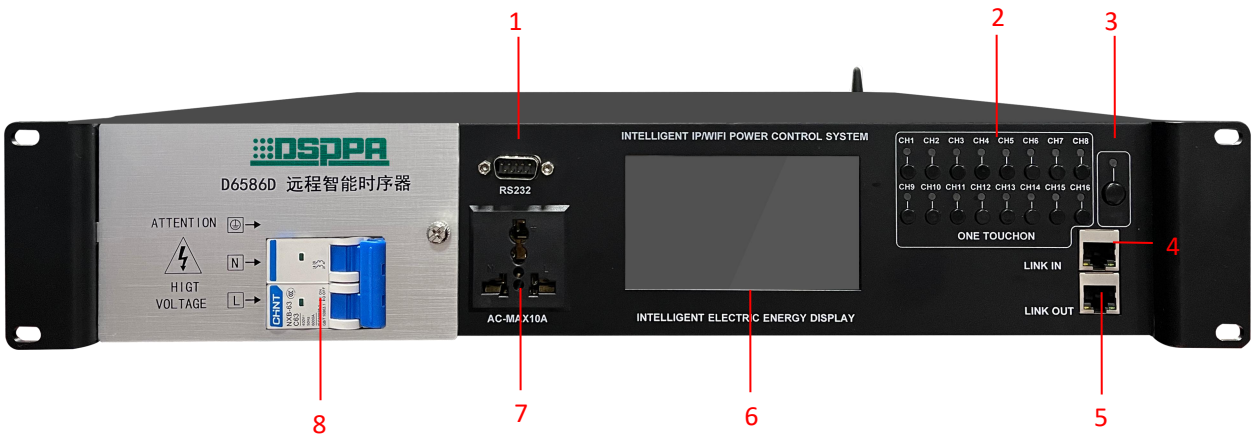
- Three operating modes: manual, cascade, and timed. Manual mode supports scenario presets.
- Terminal block power input with 63A high-current air switch and standard 10mm^2 cable input.
- Interfaces: 1 central control RS232 male connector, 1 USB power port, 1 RJ45 network port, 1 RJ45 daisy-chain input/output connector. Supports wireless Wi-Fi AP mode for web control via mobile phones, tablets, computers, and other terminal devices.
- Web control page with password login; password changeable for flexible access.
- Professional industrial-grade power detection program with advanced power algorithm for real-time parameter calibration, ensuring minimal error—voltage, current, power, and power factor displayed clearly.
- Output power sockets: 16 controlled universal sockets on rear panel, adaptable to different standards (universal, European, US).
- Socket standard: Compatible with national standards 6A and 10A, with maximum current up to 16A.
- Switch interval: Freely configurable from 1 – 999s.
- Real-time display of current, power, and voltage parameters, enabling remote and convenient power system monitoring.
- 16-channel power sequence triggering via 8-shaped power input connector.
- Built-in power straight connector.
- Chassis height: 2U (88mm).

Specifications

Model	D6586D
Input Voltage / Output Voltage	AC95~240V
Output Frequency	50Hz
Maximum Current	63A
Maximum Current for Single Channel	16A
Current Detection Accuracy	+/-0.1A
Voltage Detection Accuracy	+/-1V
Maximum Current for USB Output	100mA
Output Channel	16 channels
Set Time On/Off	1-999s
Number of Timing Points and Scenarios	10 timing points and 15 scenarios
RS232	1 channel
RJ45 Straight Connector	1 in and 1 out
IP	1 channel
Weight	10kg
Product Dimensions	430×398×88mm
Package Dimensions	2U (544mm×554mm×143mm)

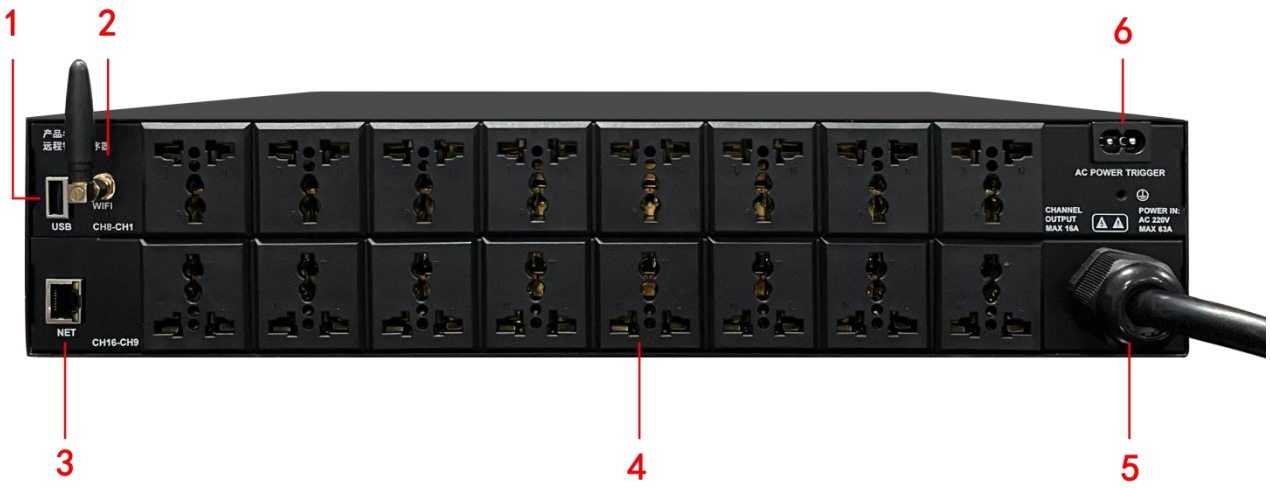
Front / Rear Panel

Front Panel



1. **RS232 Serial Port**
   Can be used to burn and write for the device upgrade, and it is also the central control control port.
2. **Channel Button Controls and Indicators**
   16-channel independent power output controls and power output switch indicators.
3. **One-Key On/Off Button for 16-Channel Output**
   Output power from front to back to switch on devices sequentially at set intervals, and switch off devices from back to front at set intervals.
4. **Device Straight Input Connector**
   Device straight input port, connected to the straight output port of the previous device.
5. **Device Straight Output Connector**
   Device straight output port, connected to the straight input port of the next device.
6. **4.3" Touch LCD Screen**
   Display status information for each channel, allow you to control switches with a touch, and set simple device parameters.
7. **Device Power Output Connector**
   Power output straight-through port, up to 16A.
8. **Power Switch**
   63A main power air switch, run/shutdown.

Rear Panel



1. **USB Port**
   USB power port, for backup data interaction.
2. **WIFI Antenna Connector**
   SMA-K connector.
3. **RJ45 Network Port**
   Web control port.
4. **Power Output Connector**
   16-channel power sequence switch output ports.
5. **Power Input Connector**
   10-square cable input port.
6. **Touch Control Power Input Connector**
   8-shaped connector, to control power sequence switch with a touch.