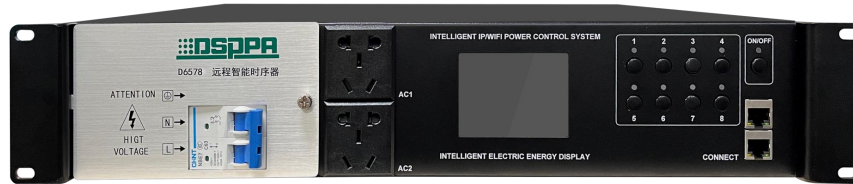


D6578

Remote Intelligent Power Sequence Controller



Description

The multi-channel intelligent power manager ensures stable performance and supports centralized control via IP network or RS-232 connection with a central control system. It also integrates RS-485 networking functionality, allowing up to 254 units to be connected through a hand-in-hand connection using RJ45 input and output ports. Additionally, an alternative RS-485 connection is available via Phoenix terminals on the rear panel. Once connected, the system supports sequential startup/shutdown of 8*N power outlets from front to back.

The device also features a built-in Wi-Fi AP mode, allowing users to log in for web-based management via various Wi-Fi terminals or a wired IP connection. Furthermore, it includes one RS-232 serial port, one DC12V trigger output, one short-circuit output, one short-circuit input, one AC220V trigger input, and two standard panel-mounted AC pass-through power outlets.

Features

- 2U rack-mounted design with refined appearance and high-quality construction.
- Equipped with a 3.2-inch industrial-grade LCD screen displaying real-time electrical metrics per channel, date/time, weekday, switch status, mode, scheduled points, and more.
- Supports screensaver function with customizable timeout settings.
- Each channel supports custom on/off intervals.
- Independent control per channel and one-click sequential power on/off.
- Built-in high-precision clock chip with automatic time synchronization via network.
- Supports scheduled power on/off with multiple timer configurations—no manual operation required.
- Real-time monitoring of voltage, power, and current, with per-channel current display.
- Compatible with central control protocols; supports control via network port or serial port.
- Includes 1 short-circuit trigger output, 1 DC12V trigger output, and 1 short-circuit input.
- Supports 220V trigger input via touch-sensitive power input.
- Fully isolated sampling for accurate power parameter monitoring.
- Interfaces include DB9 RS-232, RJ45 RS-485, and RJ45 Ethernet.
- Built-in web server for control and management via PC, smartphone, or tablet.
- Configurable device ID with user-defined coding.
- Supports cascading of multiple devices for centralized control.

- Equipped with 8 controllable universal sockets (compatible with 10A and 16A), 2 pass-through sockets, 2 USB 5V outputs, and 1 x 3.81mm green terminal 5V output.
- Maximum input current: 63A; maximum output per channel: 16A; operating voltage: 110V–240V.
- Built-in air switch protection.
- Integrated speaker with user-configurable alarm volume.
- Undervoltage/under-current and overvoltage/overcurrent warnings with auto shut-off and audible alerts.
- Per-channel real-time current monitoring with limit setting and automatic shutdown on threshold breach.
- Support scene control, users can define custom channel groupings for switching.
- Custom naming available for each channel.
- Support temperature monitoring display.
- With operation logs recording for system activity tracking.
- Supports internet connectivity for remote control and firmware updates.
- Built-in Wi-Fi hotspot for wireless control via direct device connection

Specifications

Model	D6578
Input/Output Voltage	AC110~240V
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
EM Filter	Not Included
Set Time On/Off	1-120s
Timer	8 Channels
Pass-Through Port	2 Channels
RS232	1 Channels
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 Power Switch Master Switch
Power air switch for run/shutdown.
- ② Device Power Pass-Through Outlet
Each pass-through power outlet supports a maximum current of 16A.
- ③ PC Color Display Screen
Display the current device operation information.
- ④ Device Direct Input/Output Port
Connects to the direct input/output RJ45 port

- ⑤ Key Controls and Indicators
Independent power output controls and power output switch indicators 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
Provides auxiliary USB power supply and reserved for data interaction.
- ② Network Port
Used for web-based management and control.
- ③ Wi-Fi Antenna Port
SMA-K type connector.
- ④ Multi-function Interface
10-pin Phoenix connector, in order: 12V output, short-circuit trigger output, short-circuit input, 5V auxiliary power output, RS-485 interface.
- ⑤ RS-232 Serial Port

- Supports device firmware upgrade and central control connection.
- ⑥ Power Output Interface
8-channel power sequencer output.
- ⑦ Touch Control Power Input Port
AC POWER TRIGGER port, accepts AC220V trigger input for sequencer control.
- ⑧ Power Input Port
Supports 10mm² power cable input.