Power Manager

TS-830D

Description

The power manager aims to provide intelligent power management for various electrical audiovisual equipment systems. It is applied to small mobile performances, small and medium conference rooms, multipurpose halls and other occasions.

Feature

* Adopt 1U aluminum panel design, the overall appearance is beautiful; equipped with a power lock, support master/slave settings. Through the power lock of the master device, all slave devices can be turned on or off with one key.

* Use high-efficiency switched power supply to make the efficiency of the whole machine up to 90%, adopt a reasonable internal heat dissipation layout, provide intelligent power control management, and support the settings of scheduled tasks.

* Provides 8 power output sockets, the maximum output power of channels 1-4 is 3500W, and the maximum output power of all channels is 6600W. Among them, there are 4 sockets of 10A and 4 sockets of 16A, with a total current of 30A. Support real-time monitoring of socket power.

* With a 2.2-inch LCD display, it supports the display of temperature information, real-time information of input voltage, time information, IP information, scheduled task information, etc.

* Support PC client software management, support three-layer network protocol, support cross-gateway control and management.

* Support scheduled programming for each power output to achieve fully automatic unattended power management.

* Support manual power management, independent control of each power output, one key to turn all on or all off, etc.

* Support turning on or off the power in sequence, and support setting the switching interval of the power supply.

* Support emergency switch function, support one-key emergency on or off of all power.

* Support offline mode, with local timing program and built-in high-precision clock, it can also ensure that scheduled tasks are executed on time when it is disconnected from the server;

* Built-in switch function, with 2 10M/100M network ports, support network remote firmware upgrade; dual network ports support master-slave cascading; after cascading, multiple devices can access the LAN through only one network port.

* Designed with 2 RS485 interfaces, 1 external sensor power supply interface, support TCP/IP, RS485 and MODBUS communication protocols for the computer control, support an open third-party interface protocol, and support third-party equipment connection and control.

* Support custom settings for each channel to turn on, turn off, and stay the previous state after the power lock is turned on.

* Support overload and short circuit protection functions, support connecting to a PC visual interface for remote control.

* Support the device temperature detection function, detect the device temperature in real time; support connecting to an external temperature and humidity sensor, display the temperature and humidity of the external environment.

* Support password login authentication, support setting operation permissions to prevent outsiders from using.

* Support the settings of upper and lower limit values of the corresponding channel, as well as the corresponding over-limit action and action delay. When the voltage, current, temperature and humidity exceed the limit value, the corresponding voice alarm will sound according to different situations, and will automatically stop when it returns to normal. The alarm volume is adjustable.

* Designed with a USB power port, it can provide lighting power supply.

Specification

Model	TS-830D
Rated output voltage	220V~50HZ
Rated output current	30A
Display	2.2-inch LCD display
Sound monitor	Built-in monitor
USB port	0.5A
External sensor power port	15V±2V/0.1A
RS485 port	RS485-1: third-party port communication control; RS485-2: external temperature and humidity sensor
Controllable power supply	8CH
Single channel delay time	Adjustable
Power supply	VAC50/60HZ30A
Single channel rated output power	1-4CH 16A; 5-8CH 10A; total current 30A
Control mode	PC interface control, timed control, manual control, serial port control
Indicator light	Relay status indication, the indicator light is on when it is powered on, and the light is off when it is powered off
Socket protection	Overload, short circuit
Dimension	484*300*48mm (L*W*H)
Weight	4.2kg