



## Intelligent PDU product introduction

### Product overview

Intelligent PDU is a new generation of intelligent power distribution management unit which mainly targets at the power environment of the computer room. The intelligent management control module and control chip which can not be provided by traditional PDU and PDU equipment are added. And through Ethernet, RS485, RS232 and other communication methods to connect with the Yishu Internet of things platform, achieve the effect of remote control and plan management. Yishu intelligent PDU can realize energy consumption statistics, voltage and current monitoring and other functions based on a single channel or the whole

cabinet. And through the remote control system to achieve the power supply of electrical equipment query, connect, disconnect or restart functions, for the stability of the computer system, safe, green operation provides a technical guarantee.

Product characteristics

Energy saving and emission reduction

Ø Energy monitoring

Yishu intelligent PDU can measure the input voltage and current of each circuit, and in watts or kilowatts, Calculate the power used, it can also be used to calculate total energy use. To realize the effective monitoring of the energy use of all electrical equipment in the computer room.

Ø Energy saving control. Yishu smart PDU can judge the PDU power, as well as the usage of each socket, reasonable arrangement of electric equipment deployment location, efficient regulating air inlet opening and closing, also can according to customer's situation will be a closet don't need the switches, routers, firewalls, and other equipment for power operation, implement efficient statistical analysis of energy saving and emission reduction.

Ø Statistical analysis. Yishu smart PDU can

interconnect with the iot platform through Ethernet interface or RS232 interface to monitor and manage the working status, such as PDU total power supply, port output current, voltage, power factor, port switch status, temperature and humidity, etc., so as to better manage related power devices and ensure the stability of the power supply system.

Ø Power supply safety. Yishu smart PDU can monitor and warn the current, voltage, and power of the cabinet to prevent overcurrent, overvoltage, and overload. It can also set the safety valve value of the total load according to the actual situation. When the total current of the PDU exceeds the set threshold, it can warn the power accident to prevent the load of the PDU from exceeding the allowable range. Further improve the safety level of the equipment room.

Ø Remote control. Yishu smart PDU can be managed and accessed by Yishu iot cloud platform, which solves the problem that the original power supply alone cannot be managed, and realizes the group management, authority management, data report generation and so on for all PDU in the data. When a blue screen of death (BSOD) occurs on the server or the power supply is stuck, remote soft restart is not possible. This function can only be achieved by hard restart of

the smart PDU

Yishu smart PDU series product user manual

## 1. Instructions

- Open the packing case;
- Take out the PDU and check whether the machine is in good condition;
- Check the product list carefully and contact us if you have any questions;
- Dear users, please read the instructions carefully before using the PDU and follow the instructions;
- Our system software and program conversion software provide free upgrades;
- After sales, our company provides free remote guidance service.

## 2. Product list

NO.	Name	Quantity	Unit	Remark
1	PDU	1	pic	-
2	Hanging ears	2	pics	
3	screw	1	package	-
4	specification	1	pic	-
5	Certificate of conformity	1	pic	-

## 3.System parameter

YISHU SMART PDU		
	Parameters	Remark
Style		
Output socket	8-bit new national standard 10A(optional)	
Maximum output per route	10A	
Temperature and humidity sensor	Up to 3	
Timing	Supports network automatic time calibration and local time calibration	
Size	44.4*4.4*12cm	No hanging ear
Shell color	Matte black	
Wire specification	2.0 square	
Length	1.8M	
Input voltage range	200-240V	
Rated current	16A	
Operating frequency	50-60 Hz	
Port	232 485 TCP	
Support peripheral	2 access control, 1 smoke sensing, 1 flooding	
Working temperature	-10-40 Degree Celsius	
External dry contact	4pcs.	

Operation record	1000 pcs.	
Alarm record	1000 pcs.	
protocol	SNMP TELNET MQTT MODBUS-RTU	
IP proT0C0L	IPV4 IPV6	
Sequence	1-199 sec	
Power status	Last time, power on poweroff	
plan display	320* 240 LCD	
upgrade	online fireware upgrade	
Ethernet speed	10/100M	
Voltage value	resolution 0.1V	
	precise $\pm 1\%$	
	range 100-240V	
current value	resolution 0.1A	
	precise $\pm 1\%$	
	range 1-36V	
electricity value	resolution 0.1KW/H	
	precise $\pm 1\%$	
	range 1-999999KW/H	
TEMP value	resolution 0.1C	
	precise $\pm 1\%$	

	range -20 60 C	
Alarm	EMAIL SNMP-TRAP	
Browser	chrome edge firefox	
time trigger	64 PCS	
ping trigger	8pcs	
language	chinese english	
direction	horizontal vertical	

### 3. Warranty

- Warranty scope,:PDU body
- Warranty period: 12 months from the date of purchase.
- If there is a problem with this product, please contact us in time, do not repair yourself, so as not to damage the machine and lose the warranty qualification.
- During the warranty period, the freight sent is borne by the user, and the freight sent back is borne by us.

In case of failure caused by the following reasons, paid maintenance will be carried out during the warranty period.

- Problems caused by improper operation or disassembly, repair and modification without permission.



- Out of standard specification, over voltage, over current, over load.
- Problems caused by collision or improper placement (such as water, etc.) after purchase.
- Failure caused by use in an environment that does not comply with the requirements of this manual.
- Damage to the control box caused by voltage misconnection or voltage instability.
- Failure caused by earthquake, fire, lightning strike, abnormal voltage or other force majeure.

## 4. Common problem handling

- Why is the network unavailable?

Check whether the network cable is plugged in, whether the contact is poor

- Why is the network port indicator off?

Check whether the network cable is connected according to standard 568B

- Why isn't PING working?

Check whether your network is on the same IP segment and whether the ping is successful.

- What is the default IP address?

The default IP address is DHCP.

- What is the initial password?

The user name and password are :admin

## 5. Contact us

Guangzhou Yishu IOT Technology Co.,Ltd.

TEL: 13600027334 020-31000383

QQ: 3022175328

E-mail: 429825488@qq.com

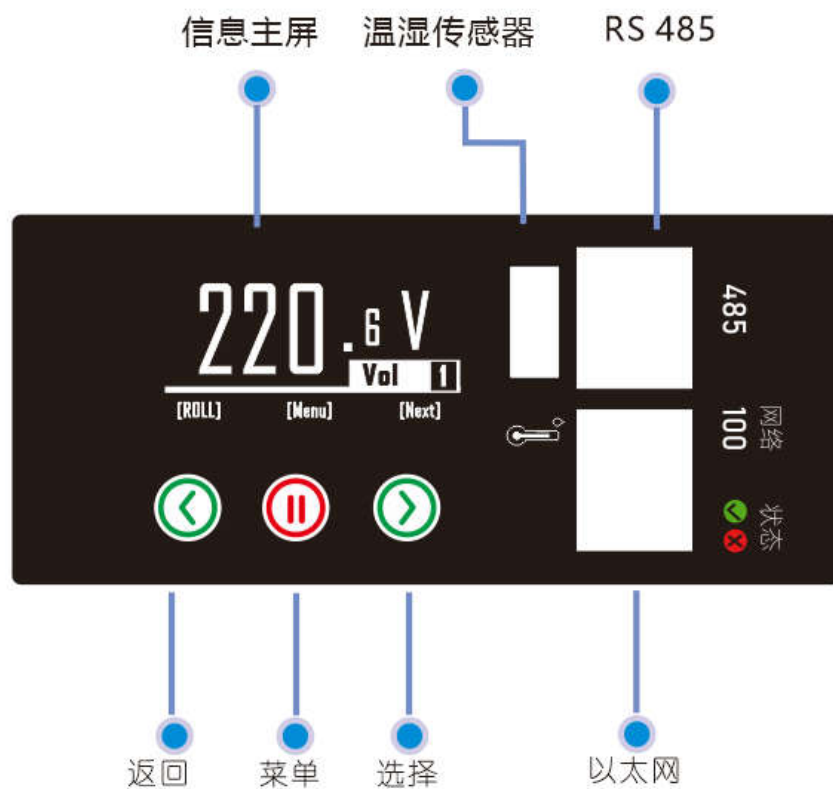
Webside: <http://www.icpdu.com>

Cloud platform address:<http://c.icpdu.com>

Address: 4th Floor, No. 2, Guigang Lane 2, Hualong Town, Panyu  
District, Guangzhou

## 6. Panel introduction

### 6.1 Panel description



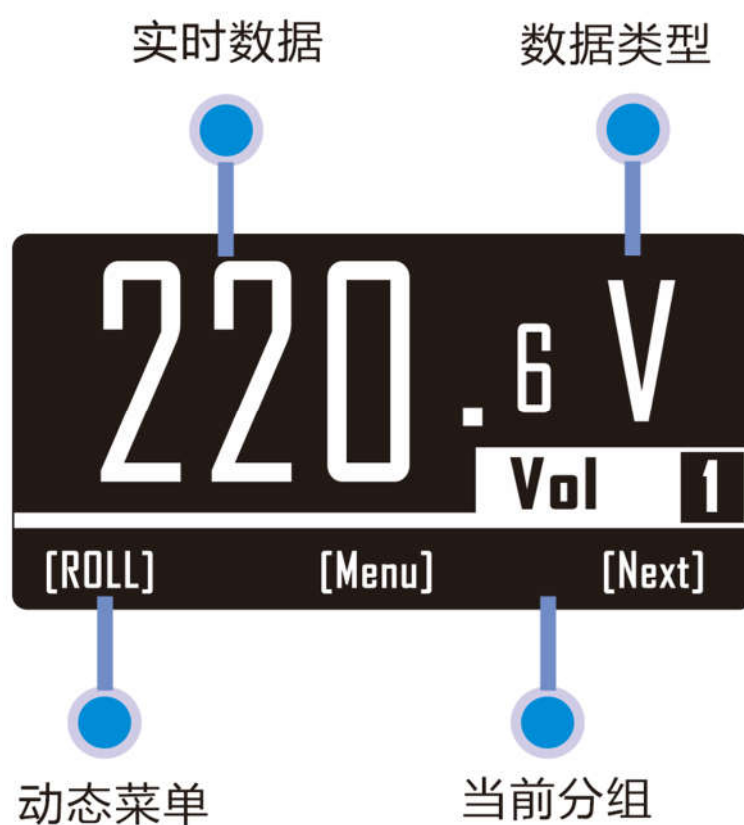
6.2 Button Three physical buttons, 1 x Ethernet, 1 x RS485, and 1 x USB connect to the T/H sensor

### 6.3 Introduction of pin function

### 6.4 Pilot lamp

以太网		RS 485 引脚	
1	RX-	1	
2	RX+	2	
3	TX-	3	
4	空	4	RX TTL
5	空	5	TX TTL
6	TX+	6	GND
7	485+A	7	485+A
8	485+B	8	485+B

## 6.5 Screen display



### 6.7.1 The screen is divided into four areas

They are: real-time data, data type, dynamic menu, current group

#### Data type

Voltage

Current

Power

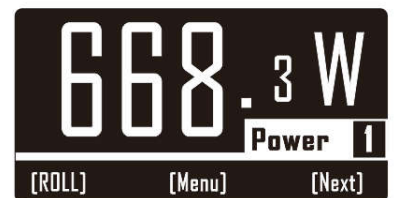
Energy

Temp

Hump

### 6.7.2 Display inside

#### 6.7.2.1 Voltage display/current/power display



#### 6.7.2.1 Temperature/humidity/power display



#### 6.7.2.1 Unit current/operating status/Manual switch



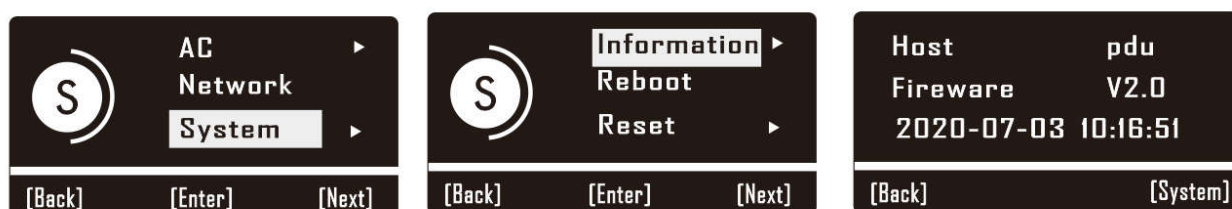
#### 6.7.2.1 Air conditioning Settings, parameters and models



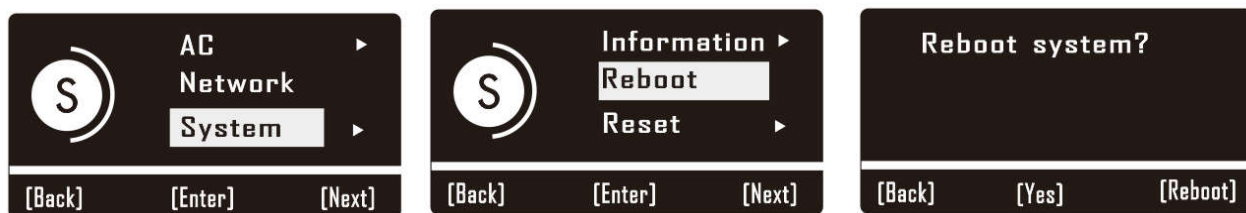
#### 6.7.2.2 View and set IP addresses



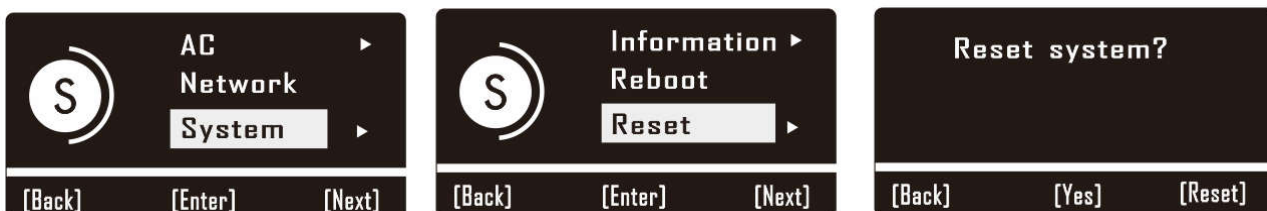
#### 6.7.2.3 PDU name, system version, and time view



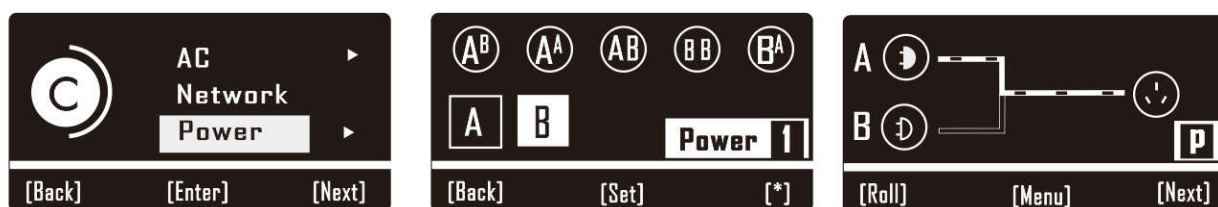
#### 6.7.2.4 System restart



6.7.2.5 System factory Settings, to press Yes three times

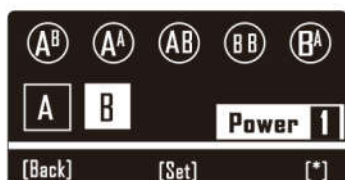


6.7.2.6 ATS switching function



## 手动控制

- 优先A
- 仅选A
- 关闭输出
- 仅选B
- 优先B
- 输入A状态 实心为有电
- 输入B状态 实心为没电

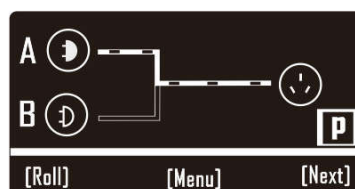


## 实时状态

A A路实时状态 有电 没电

B B路实时状态 有电 没电

当前输入路径



## 7 System page

The menu



7.0 Log in

7.1 Home page

## 7.2Controls

7.2.1socket

7.2.2air conditioner

## 7.3 flip-flop

7.3.1 Overview of triggers

7.3.2 Voltage trigger

7.3.3 Current trigger

7.3.4 Electric trigger

7.3.5 Temperature trigger

7.3.6 Timing trigger

7.3.7 Network connection trigger

7.3.8 Io flip-flop

7.3.9 Power input flip-flop

## 7.4 Equipment

7.4.1 Equipment group

7.4.2 Equipment unit

7.4.3 Equipment parameter

7.4.4 Equipment expansion

7.4.5 Front panel

7.4.6 4G

7.4.

## 7.5 Service

7.5.1WEB

7.5.2TELNET

7.5.3SNMP

7.5.4 Internet of things

7.5.5 Equipment cloud

7.5.6 Reverse proxy

7.5.7 Mail Sending service

## 7.6 Maintenance

7.6.1 Network

7.6.2 Time

7.6.3 Managing Passwords

7.6.4 Firmware upgrade

7.6.5 Factory data reset

7.6.6 Equipment to restart

7.6.7 Equipment

## 7.7 Message

7.7.1 Alarm log

7.7.2 Operation log

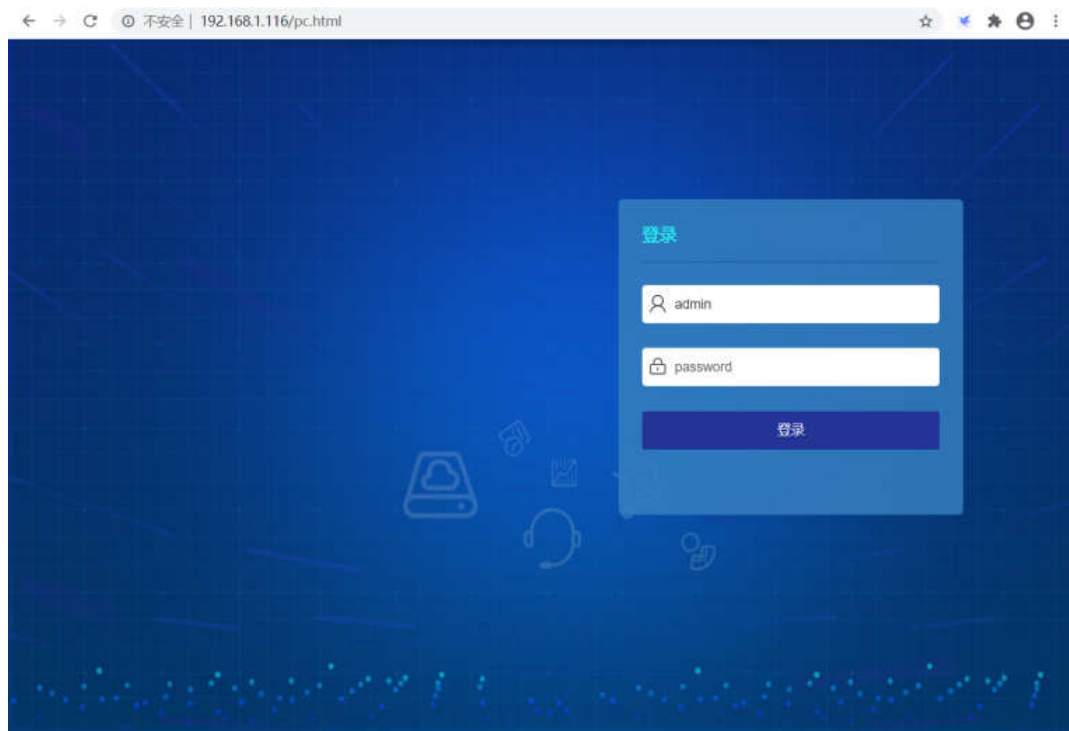
7.7.3 About the equipment

## 8.0 Log in

8.0.1 Enter http://ip in the browser. IP is used as DHCP by default

\*Please check whether the router is on

DHCP service. For details, see 6.7.2.2

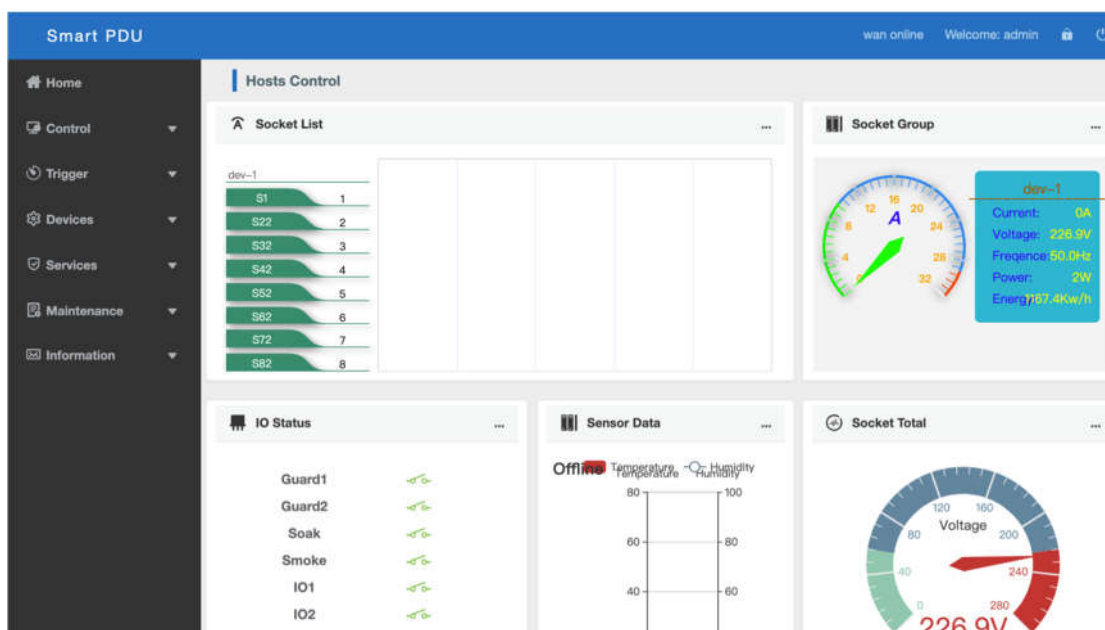


8.0.2 The default user name and password are all lowercase admin. For details about how to change the password, see 7.6.3 managing passwords.

8.0.3. Click to log in

Note: Please use chrome Firefox or Internet Explorer 9.0 or above

## 8.1 Home Page Introduction





- 8.1.1 The socket list is the dynamic real-time current display of the unit.
- 8.1.2. Socket performance dashboard for group voltage, voltage, power, electricity real-time data.
- 8.1.3. Sensing data: current temperature and humidity values \* can be extended to 3 sets of data
- 8.1.4.Socket data summary, the sum of the current data of all groups (voltage is the average)
- 8.1.5. IO status Indicates the current expansion IO status (optional module). Supports two access control channels, one water access channel, one smoke sensing channel, and four IO channels.
- 8.1.6.The service status is the resource occupied by the current CPU.

## 8.2 Control introduction

dev-1		Port								
Voltage	225.90 V	NO.	1	2	3	4	5	6	7	8
Current	0.00 A	Icon								
Power.	2.00 W	Name	S1	S22	S32	S42	S52	S62	S72	S82
Frequency	50.00 Hz	Current	0.0A	0.0A	0.0A	0.0A	0.0A	0.0A	0.0A	0.0A
Energy	1167.40 Kw/h	Power.	0.0W	0.0W	0.0W	0.0W	0.0W	0.0W	0.0W	0.0W
		Energy	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<input type="button" value="All On"/> <input type="button" value="All Off"/>		Switch	ON	ON	ON	ON	ON	ON	ON	ON


- 8.2.1 dev-1 is the current group identifier.
- 8.2.2 Display the current group working in real time.
- 8.2.3 Full on, full off, control the on and off of the current group unit.
- 8.2.4 Port information

8.2.5  Is the identification number of the physical unit

8.2.6  The icon \* of the current unit is replaceable refer to Chapter 5.

8.2.7  The operating current of the current unit.

8.2.8  The real-time power of the current unit.

8.2.9  The total power of the current cell, NA, indicates the absence of the function.


8.2.10  Current device state, click state is the reverse.

8.2.11  Click + to display the slide down menu.

重启

延时开


延时关


8.2.12  Current unit port switch expansion function, restart, delay on, delay off.

### Global state

全开	全关	228.20V	0.00A	0.00W	0.90Kw/h
----	----	---------	-------	-------	----------

8.2.13  Globally, all grouping cells are turned on.

8.2.14  Globally, all group units are turned off.


8.2.15  Global all groups, normal voltage.

8.2.16  Total current of all packets globally.

8.2.17  Total power of all packets globally.

8.2.18  Total power of all groups in the world.

8.2.19 ATS switching

ATS		Port	
Set Channel	Priority A	NO.	A
Work Channel	A	Icon	
		Name	市电
		Status	Online
		Voltage	225.2V
		Current	0.7A
		Frequency	50.0Hz
		Power	86.0W
		Energy	415.8Kw/h
		Channel	Priority This +

8.2.2 Air conditioning control (the function for external sensor you can choose and buy) .

Sensor	
Temperature	33.4 °C
Humidity	61.4 %

1. Temperature and humidity of the current air conditioner sensor
2. Air conditioning control function button.

Controller	
ON	28
Cool	Auto
Auto	Auto
Auto	Manual
OFF	

## 8.3 The trigger

### 8.3.1 Trigger overview

#### 8.3.1.1

Trigger browser

Group	Unit	Trigger
V -- Voltage	> -- upper	ALT -- Alert
A -- Current	< -- lower	DRST -- Delay Reset
P -- Power	~ -- near	DOFF -- Delay Off
E -- Energy	=> -- connect available	DON -- Delay On
C -- Temperature	=! -- connect loss	RST -- Reset
N -- Network	^ -- io trigger	OFF -- OFF
I -- IO		ON -- ON
		NTH -- Nothing

8.3.1.2 Record in detail the trigger that the unit port is in use.

### 8.3.2.1 Voltage trigger

Voltage Trigger						
Device Group	Desctiption	Conditon	Threshold	RD- value	Action	Paramters
dev-1	lower	disable				<button>Edit</button> <button>Clone</button>

Note: Voltage triggers are in groups.

8.3.2.1.1 Voltage trigger settings click modify。

**Voltage Trigger**

Device Group: dev-1

Description: lower

Conditon: lower

Threshold: 200  
Field must not be empty

Reverse D-value: 0  
Field must not be empty

Action: Nothing

Save

Cancel

8.3.2.1.2 【Equipment Group】 Name of the group

8.3.2.1.3 **【Description】** User-defined input

8.3.2.1.4 **【Condition】** The parameters are Disabled, Below, Close, and Exceed.

8.3.2.1.5 **【 Threshold 】** Enter the set value

8.3.2.1.6 **【return difference】** Input integer, assuming the set voltage is 250V trigger, back difference is 2, so when the voltage is greater than 250v will trigger, when the voltage is lower than 248V the trigger is removed.

8.3.2.1.7 **【Actions】** Actions are "On", "off", "Restart", "Delay on", "Delay off", "Alarm"

8.3.2.1.7 **【Parameters】** Unit port, and "Air conditioning action"

### 8.3.2.2 Current trigger

CURRENT trigger

Current Trigger

Device Group

dev-1

Port

Group

Description

lower

Condition

lower

Threshold

10

Field must not be empty

Reverse D-value

0

Field must not be empty

Action

Nothing

Save

Cancel

8.3.2.2.1 **【Equipment Group】** Name of the group

[www.icpdu.com](http://www.icpdu.com) Copyright © by yisu Equipment Co., Ltd. Rights Reserved.



8.3.2.2.2 【Description】 User-defined input

8.3.2.2.3 【Condition】 The parameters are Disabled, Below, Close, and Exceed.

8.3.2.2.4 【 Threshold 】 Enter the set value

8.3.2.2.5 【Input integer】 The input integer assumes that the current is set to 10A to trigger, and the return difference is 2, so when the current is greater than 10A, it will trigger, and the current is lower than 8A, it can trigger.

8.3.2.2.6 【Actions】 Actions are "On", "off", "Restart", "Delay on", "Delay off", "Alarm"

8.3.2.2.7 8.3.2.1.7 【Parameters】 Unit port, and "Air conditioning action"

### 8.3.3.3 Electric trigger

8.3.3.3.1 Reference voltage trigger

### 8.3.3.4 Temperature trigger

8.3.3.4.1 Reference voltage trigger

### 8.3.3.5 Timing trigger

Note: This timing list contains a maximum of 68 groups

8.3.3.5.1 List of timers

Timer Trigger				
ID	Description	Condition	Threshold	Action
1	timer1	disable		
				<a href="#">Edit</a> <a href="#">Clone</a>

8.3.3.5.1.1 Click to modify

Timer Trigger 1

Description

timer1

Conditon

one shoot

Threshold

00

:

00

:

00

01

January

Action

ON

Paramters

☐ All
 ☐ 1.S1
 ☐ 2.S22
 ☐ 3.S32
 ☐ 4.S42
 ☐ 5.S52
 ☐ 6.S62
 ☐ 7.S72
 ☐ 8.S82
 ☐ 1.Air Conditioner

Save

Cancel

8.3.3.5.1.2 【Description】 time1 automatic naming

8.3.3.5.1.3 【Conditions】 Cycle mode "Disabled", "Specified Time", "Daily", "Weekly", "Monthly"

8.3.3.5.1.4 【Threshold 】 Fixed time

8.3.3.5.1.5 【Action】 The actions are "no action", "on", "off", "restart", "delay on", "delay off", "alarm".

8.3.3.5.1.6 【Parameters】 Unit port, and "Air conditioning action"

### 8.3.3.6 Network link trigger

Note: the network connection for a maximum of 8 groups

Ping Trigger					
...	Descripton	Conditon	Threshold	Action	Paramters
1	ping1	disable	192.168.1.236	Reverse	<div> <div>Edit</div> <div>Clone</div> </div>

8.3.3.6.1 Click modify, add a new group and click copy

Ping Trigger 1

Description

ping1

Condition

connect loss

Threshold

192.168.1.236

Action

Reverse

Paramters

☐All

☐1.S1
☐2.S22
☐3.S32
☐4.S42
☐5.S52
☐6.S62
☐7.S72
☒8.S82

☐1.Air Conditioner

Save

Cancel

8.3.3.6.2 【Description】 ping1 automatic naming

8.3.3.6.3 【Conditions】 Cycle mode "Disabled", "Network connection", "Network Disconnection", "weekly"

8.3.3.6.4 【Threshold】 Enter the IP address or domain name, note (use intranet, try not to set the domain name)

8.3.3.6.5【Action】 The actions are "no action", "On", "off", "Restart", "Delay on", "Delay off", "Alarm".

8.3.3.6.6 【Parameters】 Unit port, and "Air conditioning action"

### 8.3.3.7 IO trigger

There are 8 groups of IO triggers (please select the official sensor, the unofficial specified sensor may damage the PDU)

IO Trigger				
...	Description	Condition	Action	Parameters
1	Guard1	disable		<a href="#">Edit</a> <a href="#">Clone</a>
2	Guard2	disable		<a href="#">Edit</a> <a href="#">Clone</a>
3	Soak	disable		<a href="#">Edit</a> <a href="#">Clone</a>
4	Smoke	disable		<a href="#">Edit</a> <a href="#">Clone</a>
5	IO1	disable		<a href="#">Edit</a> <a href="#">Clone</a>
6	IO2	disable		<a href="#">Edit</a> <a href="#">Clone</a>
7	IO3	disable		<a href="#">Edit</a> <a href="#">Clone</a>
8	IO4	disable		<a href="#">Edit</a> <a href="#">Clone</a>

8.3.3.7.1 **【Description】** Automatic number, cannot be modified

8.3.3.7.2 **【Conditions】** "io up" "io down" stands for "top trigger", "bottom trigger"

IO Trigger 1

Description

Guard1

Condition

io up

Action

ON

Parameters

☐ All
 ☐ 1.S1 ☐ 2.S22 ☐ 3.S32 ☐ 4.S42 ☐ 5.S52 ☐ 6.S62 ☐ 7.S72 ☐ 8.S82

☐ 1.Air Conditioner

Save

Cancel

8.3.3.7.3 **【Action】** The actions are "no action", "On", "off", "Restart", "Delay on", "Delay off", "Alarm".

8.3.3.7.4 **【Parameters】** Unit port, and "Air conditioning action"

## 9.Equipment

### 9.1 Equipment group

【Identification】 System generation

【Type】 System generation

【Description】 The group name can be modified

【Full open mode】 Sets the fully open unit port order

【Full off mode】 Sets the fully off unit port order

Note (You need to restart to modify this menu)

Device Group						
ID	Type	Description	Unit Count	Switch All		Disabled
				On	Off	
1	Socket	dev-1	8			No
2	Temperature Control	Temperature	4			No
3	IO	IO	8			No
4	Miscellaneous	UPS	1			No
In order to the system work well, rebooting is asked when any change taken on this page!						

#### 9.1.1 Modification of device groups

Device Group 1

Type

Socket

Disabled

No

Description

dev-1

Hardware Setting

energy clean

Process

Switch All On

At once

Switch on delay

Field must not be empty

Switch All Off

At once

Switch off delay

Field must not be empty

Save

Cancel

【Type】 Identification of system

【Disable】 Whether to enable this group (not recommended to modify)

【Description】 Can be changed according to actual needs, a maximum of 5 Chinese characters

【Number of units】 System identification, (not recommended to modify) the system may be error.

【Bus address】 System identification, (not recommended to modify) the system may be error.

【Hardware setup】 Power clear (Set this function to clear the power record)

【Full open mode】 Set fully open unit port order, modify according to actual needs, default is at the same time.









【Fully open interval】 Each unit port open interval

【Full off mode】 Set fully off unit port order, modify according to actual needs, default is at the same time.

【Fully off interval】 Each unit port off interval

## 9.2 Equipment unit

### List of units

Device Unit							
ID	Type	Device Group	Icon	Description	Reset interval	Delay interval	
1	Socket	dev-1		S1	1	1	<a href="#">Edit</a>
2	Socket	dev-1		S22	2	2	<a href="#">Edit</a>
3	Socket	dev-1		S32	3	3	<a href="#">Edit</a>
4	Socket	dev-1		S42	4	4	<a href="#">Edit</a>
5	Socket	dev-1		S52	5	5	<a href="#">Edit</a>
6	Socket	dev-1		S62	6	6	<a href="#">Edit</a>
7	Socket	dev-1		S72	7	7	<a href="#">Edit</a>
8	Socket	dev-1		S82	8	8	<a href="#">Edit</a>
1	AC	Temperature		Air Conditioner			<a href="#">Edit</a>
2	Temperature Control	Temperature		Temperature1			<a href="#">Edit</a>
3	Temperature Control	Temperature		Temperature2			<a href="#">Edit</a>
4	Temperature Control	Temperature		Temperature3			<a href="#">Edit</a>
1	Entrance Guard	IO		Guard1			<a href="#">Edit</a>
2	Entrance Guard	IO		Guard2			<a href="#">Edit</a>

【类型】 插座

**【设备组】** 名称可修改看 4.4.1

Device Unit


Type

Socket

Device Group

dev-1

Icon



Air Condition

Field must not be empty

Description

S11

Reset interval

1

Delay interval

1

Auto Start Up

Do not startup

Save

Cancel

**【Type】** socket

**【Equipment group】** The name can be changed, as described in 4.4.1

**【Icons】** You can select the desired icon from the list

**【Description】** Fill in the unit port name as needed, e.g. "Air conditioning"

**【Interval of restarts】** According to the actual need of the integer like "1" in seconds

**【Delay interval】** According to the actual need of the integer like "1" in seconds

**【Start up】** According to the actual adjustment action "do not start", "start", "delay start"




【Start Up Delay】 According to the actual need to adjust to prevent starting current is too large, at the same time proposes keeping a certain interval.

## Equipment parameters

Device Parameters			
Voltage Precision	Current Precision	Temperature Precision	Temperature Unit
0.20V	0.10A	0.1°C	Centigrade
<a href="#">Edit</a>			

Ping Parameters		
Timeout	Retry	Interval
5s	3	15s
<a href="#">Edit</a>		

Log Parameters		
Description	enabled	Storage Quota
operation log	Yes	<div><div></div>27.67/1024KB (2.00% used)</div>
alert log	Yes	<div><div></div>2.07/1024KB (0.00% used)</div>
		<a href="#">Edit</a>

 In order to the system work well, rebooting is asked when any change taken on this page!

[Reboot](#)

## 校正设置

Device Parameters	
Voltage Precision	<input type="text" value="0.2"/>
Current Precision	<input type="text" value="0.1"/>
Temperature Precision	<input type="text" value="0.1"/>
Temperature Unit	<input type="text" value="Centigrade"/>

[Save](#) [Cancel](#)

In general, the factory has been proofread, special circumstances can be set up

## Device extension

**Device Extern**

Mode


RS485

Baudrate

9600

Slave Address

1

 In order to the system work well, rebooting is asked when any change taken on this page!

Reboot

Save

【Mode】"RS485","TCP","TCP+485" Please select the default is 485+TCP and does not need to change

【Baud rate】 "1200" "4800" "9600" "11520" suggestion "9600"

【Secondary address】 1-64 the default is 1, note: the same bus, the address code can not be the same

Note: This module must be restarted after function modification.

Front panel Settings

display monitor seting

Device Panel			
Auto Scroll	Interval	Timeout	Screen Dormancy
Enabled	30s	60s	1800s
Edit			

Device Panel	
Auto Scroll	Enabled
Interval	30s
Timeout	60s
Screen Dormancy Zero	1800

[Save](#) [Cancel](#)

## SERVICE

### WEB (WEB SERVICE SETTING)

Web			
Description	Type	Port	https
Web	Local Service	80	No

[Edit](#)

Status	Online		
Clients	192.168.1.254	2023-09-13 15:47:41	



【status】 display the previous connection WEB IP address and time

【Default port】 80

Services	
Description	Web
Enabled	Yes
Port	80
https	No

[Save](#) [Cancel](#)

【Turned on】 On by default

【Port】 WEB port is 80. Change the port as required

[www.icpdu.com](http://www.icpdu.com) Copyright © by yisu Equipment Co., Ltd. Rights Reserved.

## Telnet disposition

Telnet			
Description	Type	Port	Enabled
Telnet	Local Service	23	Yes

Status

Ready

Clients

【status】 Can display the current link TELNET IP address and time

Services	
Description	Telnet
Enabled	<div>Yes</div>
Port	<div>23</div>

Save

Cancel

【Enabled】 The default value is yes. If the telnet server is not required, select No

【Port】 default port is 23

## SNMP service

SNMP			
Description	Type	Port	Service
SNMP	Local Service	161	SNMP v1 v2c

Status

Ready

Clients

SNMP	
Description	SNMP
Service	SNMP v1 v2c & v3
Port	161
Get community	public
Set community	private
Public Protocol	Disabled
Private Protocol	Disabled

Save Cancel

【Enabled】 The default is yes, if you do not need to use the SNMP server, select no

【Port】 default port is 161

## IOT SERVICE

Internet of Things				
Description	Type	Server	Port	Enabled
IoT	Cloud Application		1883	No
Edit				
Status	Disabled			

Services	
Description	IoT
Enabled	Yes
Server	<div>Field must not be empty</div>
Port	1883
Runtime Report	Yes
Security	No

Save Cancel

【Enabled】 Default no, select No if MQTT server is not required

【Port】 The default port is 5132

Equipme SERVICE

Device Cloud						
Device	Description	Type	Server	Port	Enabled	
Group						
1	PDU Cloud-1	Cloud Application	121.196.197.54	4600	Yes	<a href="#">Edit</a> <a href="#">Clone</a>

1

Online

**Services**

Description

PDU Cloud-1

Enabled

Yes

Server

121.196.197.54

Port

4600

Device Group

1.dev-1

Temperature Sensor

1

[Save](#) [Cancel](#)

Remote Visitors

Reverse Proxy						
Description	Server	Web Support	Telnet Support	Port	Enabled	
Reverse Proxy	f.icpdu.com	Yes	No	7000	Yes	<a href="#">Edit</a>

Services

Description

Reserve Proxy

Enabled

Yes

Server

f.icpdu.com

Port

7000

Web Support

☒

Save

Cancel

## MAIL Service

Mail sending function, mail service provider must support POP3, if successfully sent, check whether the mail was sent to the spam mailbox. Support SSL encryption, support 163,139, QQ, SINA, etc. It is recommended to use sina mailbox

Mail Send Service

Description	Detail	Enabled	
Mail Operation Log		No	Edit
Mail Alert Log	Send Immediately: 429825488@qq.com	Yes	Edit
Mail Send Service	Server: smtp.qq.com 465   Account: 429825488@qq.com	Yes	Edit

Status

Ready

Last Mail

Send Test Mail

**Mail Send Service**

Mail

Yes

SMTP Server

smtp.qq.com

SMTP Port

465

SSL Support

☒

Authentication is required

☒

Mail Account

429825488@qq.com

Account Password

.....

Reveal

Send To

429825488@qq.com

Save

Cancel

Send alarm log, if it is not an emergency log, do not send frequently, the mail server may block your mailbox.

**Mail Operation Log**

Mail Operation Log

every day

Log Send Time

00 : 00 : 00

On Interval 1

Off Interval 1

Mail Log To

if not set, send to administrator E-mail

Tips

Field must not be empty

Emergency Contact

Emergency Call

Save

Cancel



If you want to send and receive mail, be sure to fill in the correct gateway and DNS

Time modification

Mail Alert Log

Mail Alert

Send Immediately

▼

Mail Alert To

if not set, send to administrator E-mail

Tips

车库停电

Emergency Contact

叶生

Emergency Call

13600027334

Save

Cancel

Please fill in the required options correctly, if the send is not successful, check whether to open the SMTP service. The DNS gateway is configured correctly.

## Maintenance

Network maintenance: IP address check and change.

IPv4

Protocol

DHCP client

IPv4 address

192.168.1.43

IPv4 gateway

192.168.1.2

DNS servers

202.96.128.166 114.114.114.114

IPv6

Protocol

DHCPv6

IPv6 address

IPv6 gateway

DNS servers

Save

The default is DHCP

Fixed IP can be changed.

## 时间修改

System Time

Local Time

2023/09/13 16:00:27

Network Time

Yes

Timezone

Asia/Beijing

Adjust Time

Nothing

Save

System administration password

**Administrator Password**

Password

Reveal

Confirmation

Reveal

Save

## 更新固件

**Flash new firmware image**

Upload a sysupgrade-compatible image here to replace the running firmware

Firmware upload

## Firmware upload

Select the sysupgrade image to flash

选择文件

 未选择任何文件

Ok

Cancel

## 恢复出厂设置

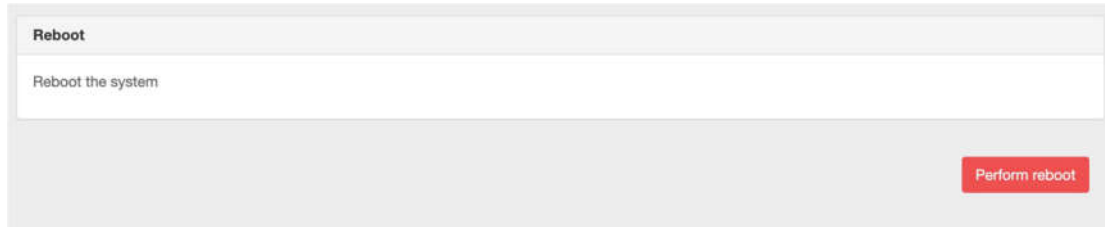
**Factory Reset**

Reset to the factory initial state.

Perform reset

The system restarts. The switch status does not change

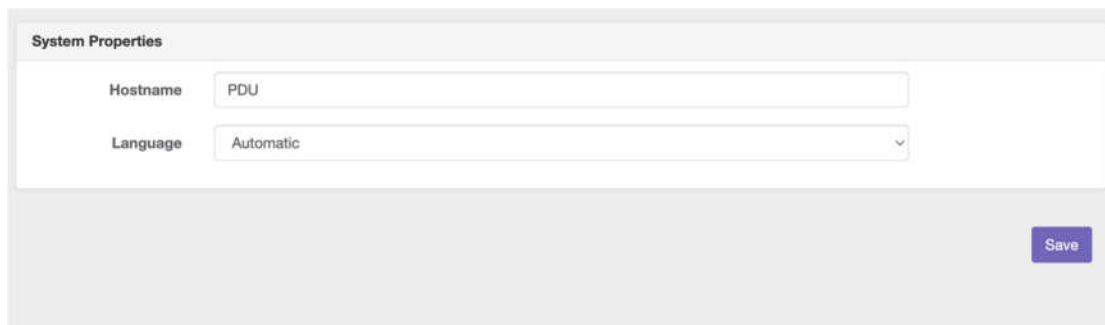
The host name



The image shows a web interface for rebooting a system. It has a title bar labeled "Reboot". Below the title bar is a text area containing the instruction "Reboot the system". At the bottom right of the interface is a red button labeled "Perform reboot".

The system restarts. The switch status does not change

The host name



The image shows a web interface for configuring system properties. It has a title bar labeled "System Properties". Below the title bar are two configuration fields: "Hostname" with a text input field containing "PDU", and "Language" with a dropdown menu showing "Automatic". At the bottom right of the interface is a purple button labeled "Save".

【 【The host name】 The default PDU can be changed as required

【Language】 For automatic recognition, the English system automatically switches to English

Message

Alarm log

## Message

## Alarm log

### Alert Log

Start Date  End Date

Time	Destion	Action	Source	Description
------	---------	--------	--------	-------------

<< 0 / 0 >> Page Size

## Operation log

起始日期		2020-07-04		终止日期		2020-07-04	
时间	对像	动作	源	描述			
2020-07-04 15:57:56	device	connect to		local network			
2020-07-04 14:57:55	device	connect to		local network			
2020-07-04 13:57:54	device	connect to		local network			
2020-07-04 13:57:46	system	bootup					
2020-07-04 13:43:09	dev-1	all OFF	local web				
2020-07-04 13:43:08	dev-1	all ON	local web				
2020-07-04 13:42:35	device	connect to		local network			
2020-07-04 13:42:28	system	bootup					

<<

1 / 1

>>

页记录数

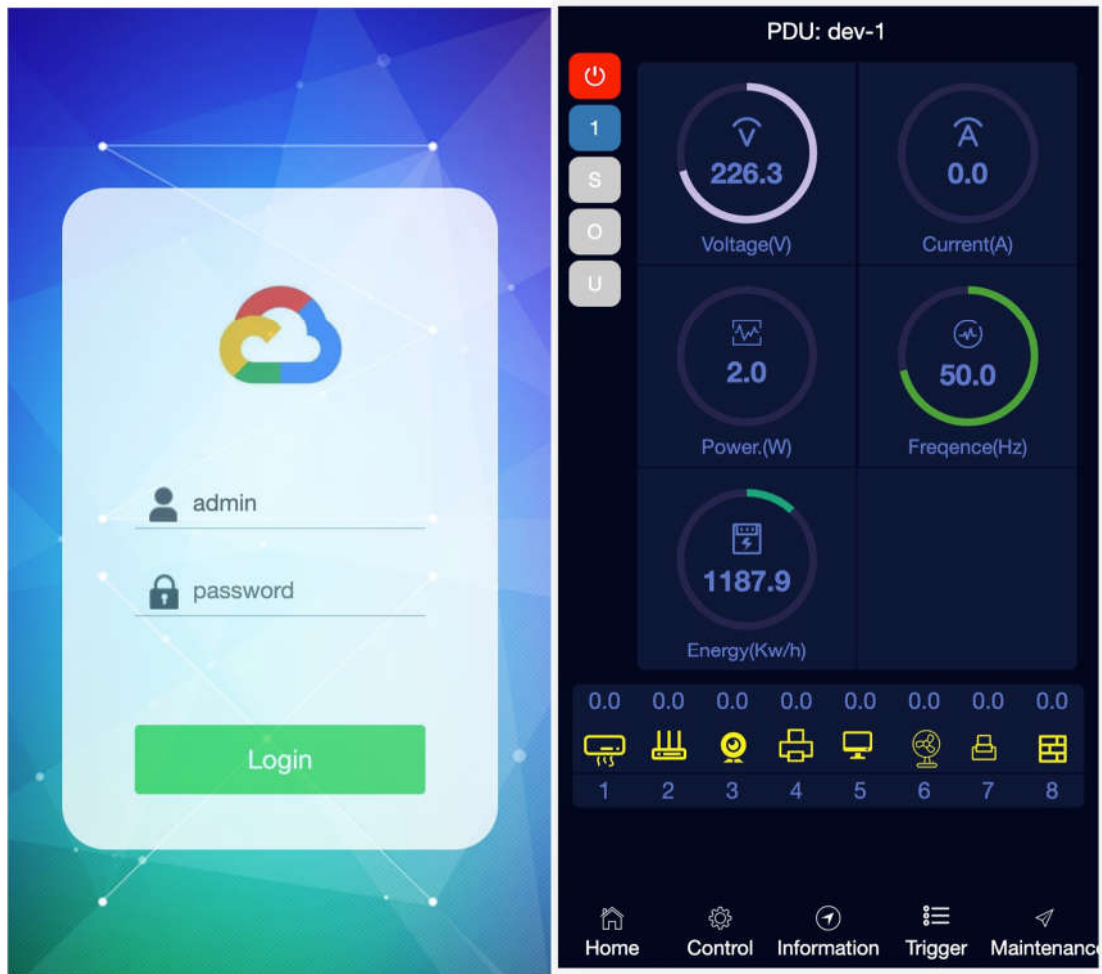
10


▼


## Basic system information


System Status	
Hostname	PDU
Device Label	93188279217427976020203
Device Credential	16960360180901844886974945260177
Device Model	YS-NT6835
Firmware Version	OCF 3.0 r13
Local Time	2023/09/13 16:06:00
Uptime	20h 4m 13s
IPv4 Address	192.168.1.43
MAC Address	30:4A:26:52:D3:AC


phone browser





  
锁定

  
全开

  
全关

  
重启

  
延时开


  
延时关

1


A

SOCKETS

1




S1




▼

2




S22




▼

3




S32




▼

4




S42




▼

5




S52




▼

6




S62




▼

7




S72




▼

8




S82





▼


Operate Log


Time	Destion	Action	Description
0912 20:45:25	dev-1 :	all ON	local web
0911 15:17:58	dev-1 S52 :	ON	panel
0911 15:17:57	dev-1 S52 :	OFF	panel
0911 15:17:52	dev-1 S52 :	ON	panel
0906 21:15:06	dev-1 S82 :	Reset	local web
0904 08:24:34	dev-1 S82 :	ON	panel
0904 08:24:25	dev-1 S11 :	ON	panel
0904 08:24:24	dev-1 S11 :	OFF	panel
0904 08:24:23	dev-1 S11 :	ON	panel
0825 08:59:26	system :	bootup	
0819 08:15:53	system :	bootup	
0819 09:05:22	dev-1 S72 :	ON	remote ser...
0819 09:05:20	dev-1 S62 :	ON	remote ser...
0819 09:05:16	dev-1 S52 :	ON	remote ser...
0806 17:00:39	system :	bootup	
0806 17:01:31	dev-1 S11 :	OFF	remote ser...
0806 17:01:28	dev-1 S82 :	ON	remote ser...
0806 17:01:27	dev-1 S72 :	ON	remote ser...


 Home


 Control


 Information


 Trigger


 Maintenance

 Home

 Control

 Information

 Trigger

 Maintenance

[www.icpdu.com](http://www.icpdu.com) Copyright © by yisu Equipment Co., Ltd. Rights Reserved.



Trigger browser

Group	Unit	Trigger
V -- Voltage	> -- upper	ALT -- Alert
A -- Current	< -- lower	DRST -- Delay
P -- Power	~ -- near	Reset
E -- Energy	=> -- connect	DOFF -- Delay Off
C -- Temperature	available	DON -- Delay On
N -- Network	=! -- connect loss	RST -- Reset
I -- IO	^ -- io trigger	OFF -- OFF
		ON -- ON
		NTH -- Nothing

Flash new firmware image

Upload a sysupgrade-compatible image here to replace the running firmware

Firmware upload

System

Time

Network

Administration

Service

Device Unit

Firmware Upgrade

Factory Reset

Reboot

Home

Control

Information

Trigger

Maintenance

Home

Control

Information

Trigger

Maintenance

IO Trigger

...	Desctiption	Condi...		
1	Guard1	disable	Edit	Clone
2	Guard2	disable	Edit	Clone
3	Soak	disable	Edit	Clone
4	Smoke	disable	Edit	Clone
5	IO1	disable	Edit	Clone
6	IO2	disable	Edit	Clone
7	IO3	disable	Edit	Clone
8	IO4	disable	Edit	Clone

Voltage Trigger

Devic...	Description	Condi...		
dev-1	lower	disable	Edit	Clone

Trigger brower

Voltage Trigger

Current Trigger

Energy Trigger

Temperature Trigger

Timer Trigger

Ping Trigger

IO Trigger

Input Trigger

Home Control Information Trigger Maintenance

Home Control Information Trigger Maintenance