PDU-IP Instruction Manual



Product features:

PDU-IP is a PDU product designed to better provide a stable and stable power supply for the server. PDU-IP measures the power status and environmental status of the equipment and provides users with corresponding information and corresponding warnings and overload power cuts. The user accesses the PDU-IP through the network port to obtain the current state of the device and control the opening and closing of each output port, thereby realizing the function of remotely restarting the server.

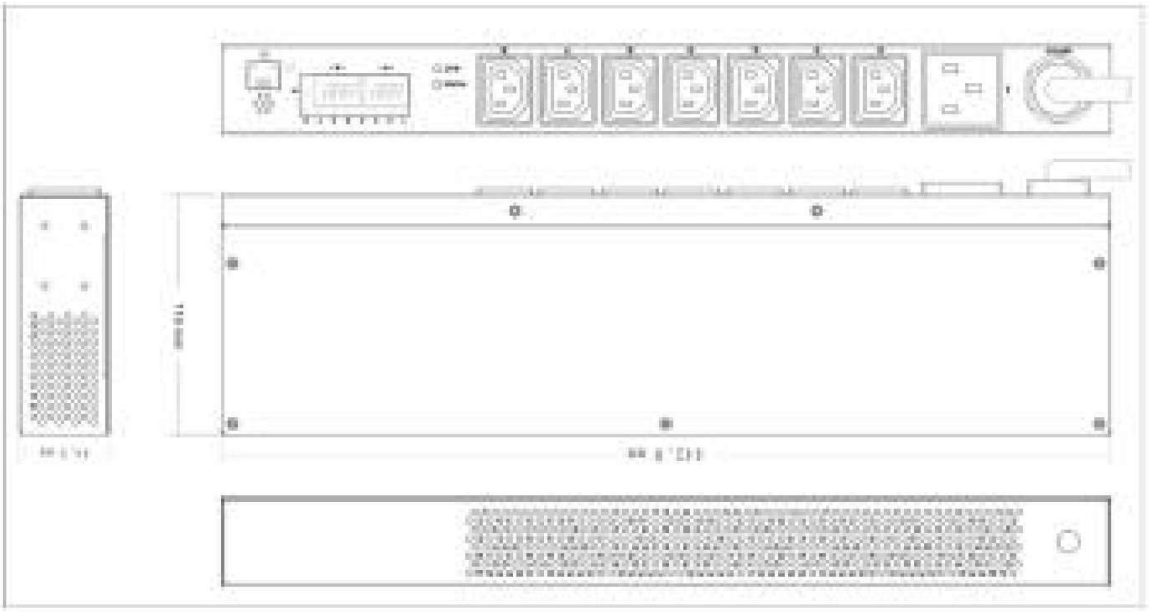
Product features:

- 8 power outputs, total current **16 or 32 A**
- Current, voltage (total input) measurement
- Built-in temperature and humidity measurement sensor, monitoring equipment use environment embedded technology, support Java, web browsing
- be provided warning report, overload two values settings for each lead to electrical time delay, effectively prevent inrush currents to the power supply system
- the LED refers illustrates Each switch the power supply state, the LED digital display displays the current voltage and current of the value
- Provide local operation query button for PDU device
- Built-in lightning protection circuit, anti-voltage surge circuit, effective protection server

Product specification parameters:

- Voltage input: 100-240VAC 16/32A 50/60Hz
- Voltage output: 100-240VAC 2/4A 50/60Hz *8 digits
- Input socket type: IEC320 C20 for 16A, and DEP2-023 for 32A
- Output socket type: IEC320 C13*8 bit
- Protection: 16/32A overload protection, lightning protection
- Voltage measurement range: 90-264VAC resolution 1V
- Current measurement range: 0- 40 A resolution 0.1A
- Temperature measurement range: 20%-90% RH resolution 1% RH
- Humidity measurement range: 0°C-50°C Resolution 1°C

Production:





Instructions for use:

1. **Connected device** will PDU-IP is 8 bit IEC C13 output plug connected to one end sit output line. 8 output lines are connected to the power supply input of the desired server. The plug end of the input line is connected to the PDU-IP the DEP2-023 input get inserted the other end into the AC power supply outlet.

   At this time, PDU-IP will start from 1port to 8port in 1 second interval to supply power to the server. Will be displayed on the display panel and the current power supply voltage 8 the total current output of 8 road LED lights indicate the current 8 output state of the output port;

2. **Viewing the IP address** Press the FUNC key while the display shows the voltage and current status.The display shows the current IP address of PDU-IP. The default IP address in the factory state is 192.168.0.100

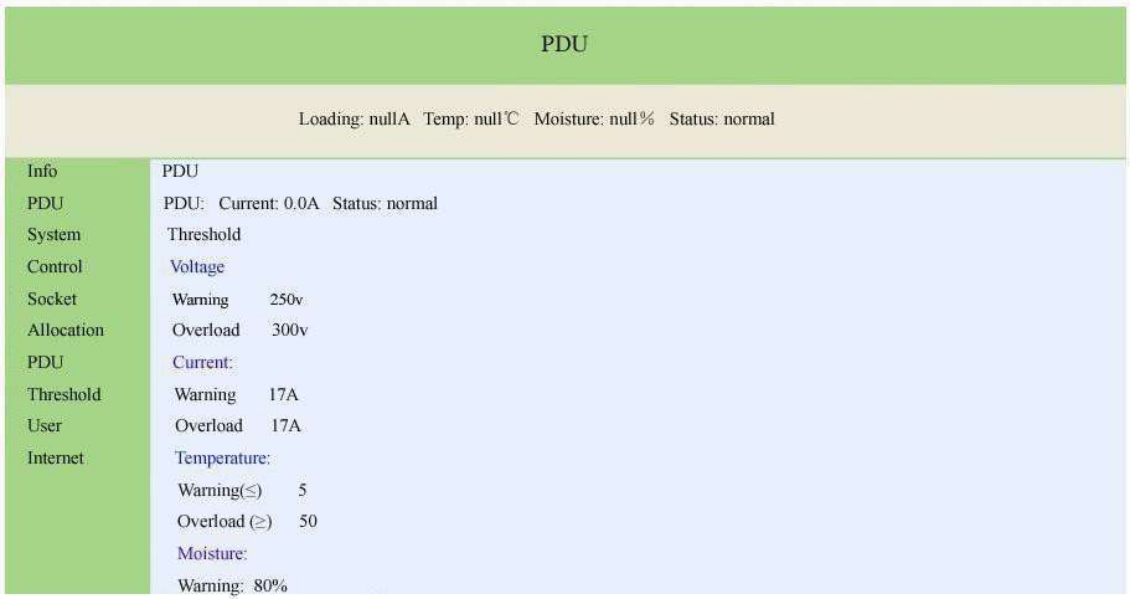
3. **Check the temperature and humidity** in the display shows IP pressed state address FUNC key, the display is displayed PDU-IP temperature and humidity sensor built-in temperature and humidity, where the left-screen display as the temperature , the right screen display for the humidity

4. **Reset device** presses the PDU-IP32-WN front panel RST key, PDU-IP performs reset operation.

5. **Reset the device to the factory default value.** Press the FUNC key for 10-15 seconds and hear the buzzer beep twice, indicating that the device's IP address, username, and password have been restored to the factory default value

6. **Network access and control** In the PDU-IP power-on state, the fuselage RJ45 socket is connected to the network by cable, so that the PC host in the same LAN can access and control the PDU-IP function.

   ①. **Log in to the control interface** to open the IE browser on any PC host in the LAN. Enter the URL in the address bar:Http://192.168.0.100. After jumping out of the login interface, enter admin in the username field and enter admin in the password field. You can log in to the control interface of PDU-IP, as shown below



②.**System information of the PDU** Click “System” in the information bar on the left side of the interface to display the system information of the PDU, as shown below.

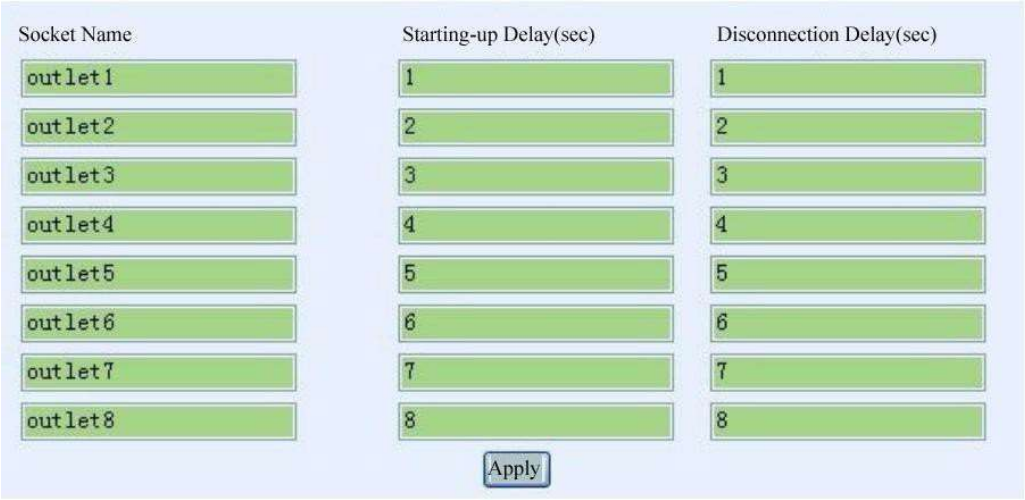


③.**Power control port** click interface left control bar"strip", the display screen displayed below.



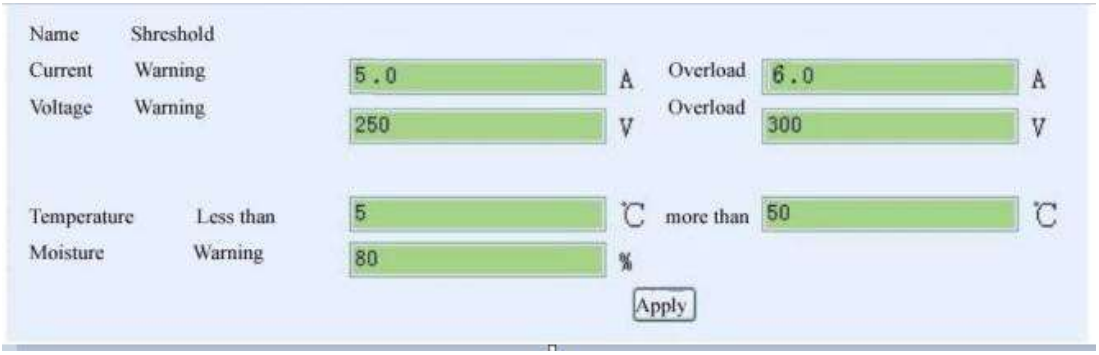
In this interface, the 8-way output of PDU-IP can be set to be turned on and off.
Open all: Click the next block after the action bar, select ON, click the Apply button.
Disconnect all: Click the lower block after the action bar, select OFF, click the Apply button
Customize on and off: An example of how to implement custom on and off. For example, users need to implement 1, 2, 3 and 4 channels to open 5 ,6 ,7 and 8 channels to disconnect.
Operation method 1: Click operation In the lower box after the bar, select Open.Respectively click outlet1 , outlet2 , outlet3 , outlet4 the back of the small box, click Apply; Operation Method two: After the strike action bar under the bar box, select Disconnect. Respectively click outlet5 , outlet6 , outlet7 , outlet8 the back of the small box, click Apply.

④. **Turn on the delay and disconnect the delay.** Click “PDU” in the configuration bar on the left side of the interface. The display interface is as follows.



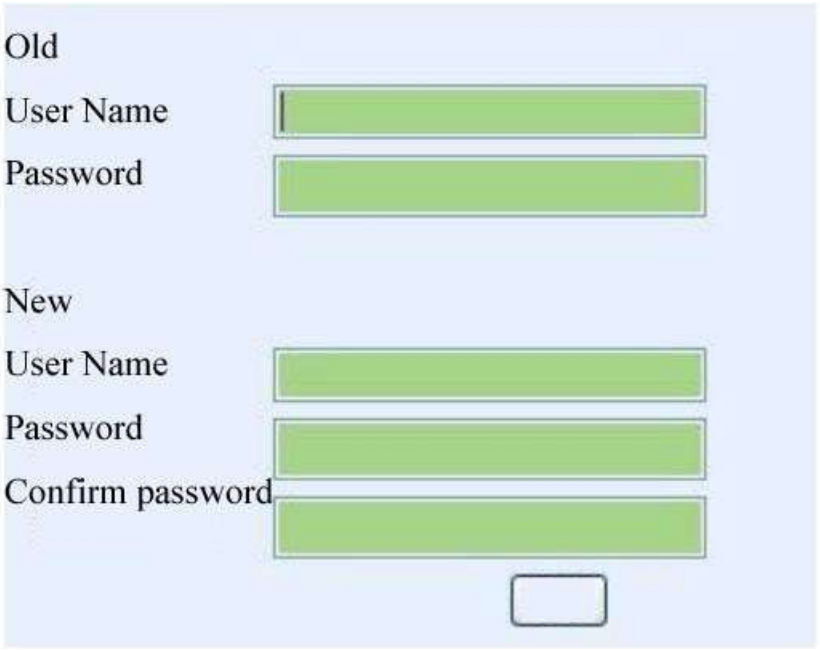
In this interface, the ON delay and disconnection delay of the 8- way output of PDU-IP can be set. Pictured at the factory setting state, meaning that PDU-IP after power 8 output from the port. 1 port to 8 to port. 1 - second output sequence at intervals. When the 8- channel output is turned on by the network, the on-delay time configured on this interface is also reflected on the 8- output port. It should be noted that the disconnect delay function is invalid when the user unplugs the input power of PDU-IP. The off-delay function is only available for disconnecting the 8- way output via the network.

⑤.**Threshold setting** Click “Threshold in the configuration bar on the left side of the interface. The display interface is as follows.



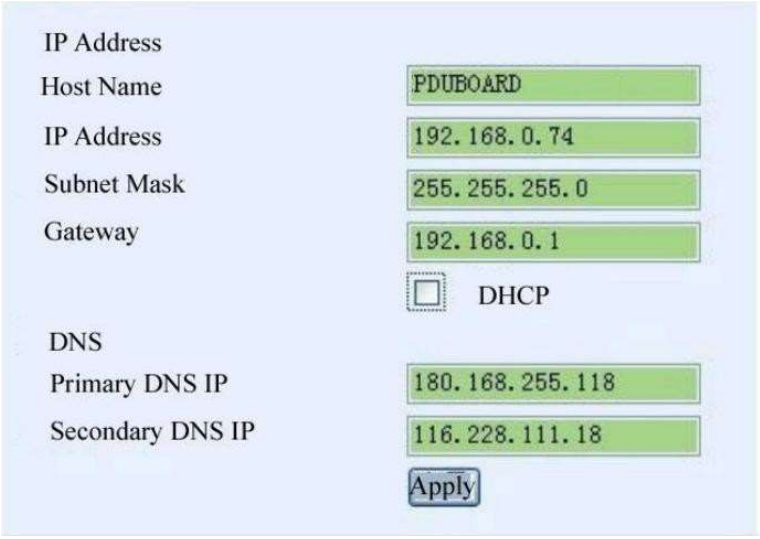
The figure above shows the settings in the factory state, which means:
Current warning value 5A: When the total current exceeds 5A, the buzzer of PDU-IP emits a "beep beep" alarm with a slightly longer interval
Current overload value 6A: When the total current exceeds 6A, the buzzer of PDU-IP emits a "beep" alarm with a short interval sound
Warning voltage value 250V: When the input voltage exceeds 250V, the buzzer of PDU-IP emits a "beep beep" sound alarm
Current overload value 300V: When the input voltage exceeds 300V, the buzzer of PDU-IP emits a short beep interval sound alarm
Temperature less than the value.5 ▫, a value greater than 50▫: When PDU-IP built-in temperature and humidity sensors sense should ambient temperature is less than 5▫or greater than 50▫, PDU-IP buzzer "beep- beep" Audio alarm
Warning value humidity 80%: when PDU-IP built-in temperature and humidity sensor senses the humidity greater than 80%, PDU-IP buzzer "beep- beep" sound alarm
Explanation: The specific threshold setting is set by the user according to the actual usage environment

6. **User name and password setting** click interface disposed on the left side of the column "user", as shown in display screen



In this interface, you can modify the user password and password for logging in to PDU-IP. After filling in the old user name, old password, new user name, new password, password confirmation and clicking the Apply button, the next time you log in to PDU-IP, the new username and password will be enabled.

⑦. **IP address and DNS settings** Click on the "Network" in the configuration bar on the left side of the interface. The display interface is as follows.



Host name: The name displayed on the LAN, which can be set by the user.

IP address: PDU-IP The IP address of the LAN where WN is currently located

Sub net mask: PDU-IP sub net mask of the current LAN

Gateway: PDU-IP is the gateway of the current LAN

Enable DHCP : After selecting, the upper router of the current local area network automatically assigns network parameters to PDU-IP, which takes effect after clicking the apply button.

The primary DNS IP refers to the settings of the upper router in the current LAN. Secondary DNS IP refers to the settings of the upper router in the current LAN.

Type	PDU-IP
Input	DEP2-023*1(with 3m cable)
Output	IEC320 C13*8 bit
IP port	RJ 45
Voltage input	100-240V AC 32A 50/60Hz
Voltage output	100-240V AC 4A 50/60Hz *8 digits
Protection	40A overload protection, lightning protection
Voltage measurement range	90-264V AC resolution 1V
Current measurement range	0- 40 A resolution 0.1A
Temperature measurement range	20%-90% RH resolution 1% RH
Humidity measurement range	0°C-50°C Resolution 1°C
Housing	Metal
Dimensions (L x W x H)	442*119*44.5mm