

IP PDU LIU-08 32 -WN Instruction Manual



Product features:

LIU-08 32 -WN is a PDU product designed to better provide a stable and stable power supply for the server. LIU-08 32 -WN 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 LIU-08 32- WN 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.

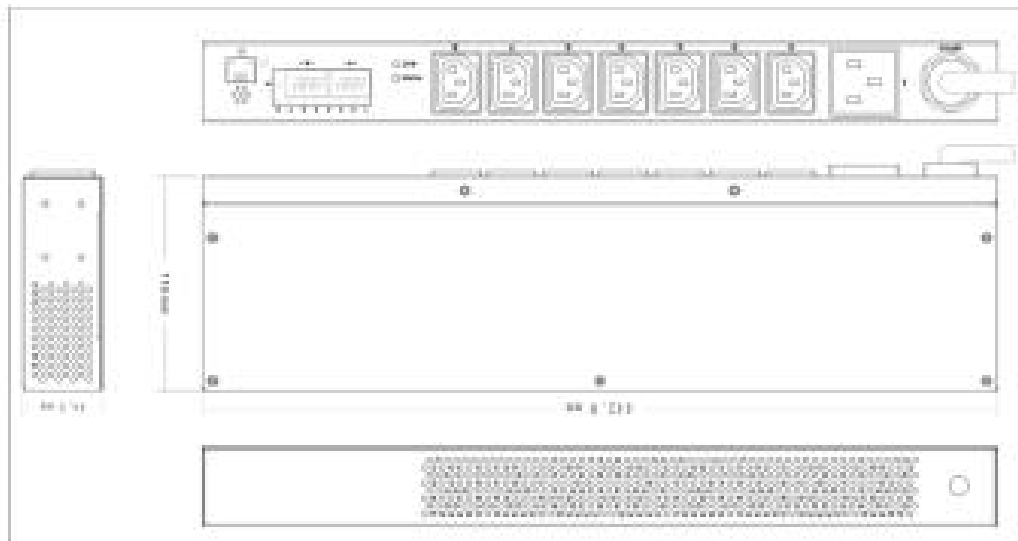
Product features:

- 8 power outputs, total current 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 32A 50/60Hz
- Voltage output: 100-240VAC 4A 50/60Hz *8 digits
- Input socket type: DEP2-023*1
- Output socket type: IEC320 C13*8 bit
- Protection: 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

Product icon:



Instructions for use:

1.Connected device will LIU-0832-WN 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 LIU-08 32 -WN the DEP2-023 input get inserted the other end into the AC power supply outlet.

At this time, LIU-0832-WN 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 LIU-0832-WN . 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 LIU-08 32 -WN 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 LIU-0832-WN front panel RST key, LIU-08 32-WN 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 LIU-08 32- WN 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 LIU-08 32- WN 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](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 LIU-08 32 -WN , as shown below

PDU		
Loading: nullA Temp: null℃ Moisture: null% Status: normal		
Info	PDU	
PDU	PDU: Current: 0.0A Status: normal	
System	Threshold	
Control	Voltage	
Socket	Warning	250v
Allocation	Overload	300v
PDU	Current:	
Threshold	Warning	17A
User	Overload	17A
Internet	Temperature:	
	Warning(≤)	5
	Overload (≥)	50
	Moisture:	
	Warning:	80%

- 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.

Item No.	IP PDU
Firmware Version	1.0.0
MAC Address	00:04:A3:00:00:00
System Name	IP PDU
Admin	admin
System Address	office

Apply

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

Socket Name	Status	
outlet 1	on	<input type="checkbox"/>
outlet2	on	<input type="checkbox"/>
outlet3	on	<input type="checkbox"/>
outlet4	on	<input type="checkbox"/>
outlet5	on	<input type="checkbox"/>
outlet6	on	<input type="checkbox"/>
outlet7	on	<input type="checkbox"/>
outlet8	on	<input type="checkbox"/>

Operate On

In this interface, the 8-way output of LIU-0832-WN 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.

Socket Name	Starting-up Delay(sec)	Disconnection Delay(sec)
outlet1	1	1
outlet2	2	2
outlet3	3	3
outlet4	4	4
outlet5	5	5
outlet6	6	6
outlet7	7	7
outlet8	8	8

In this interface, the ON delay and disconnection delay of the 8- way output of LIU-08 32- WN can be set. Pictured at the factory setting state, meaning that LIU-08 32 -WN 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 LIU-08 32- WN. 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.

Name	Shreshold				
Current	Warning	5.0	A	Overload	6.0 A
Voltage	Warning	250	V	Overload	300 V
Temperature	Less than	5	℃	more than	50 ℃
Moisture	Warning	80	%		

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 LIU-0816-WN emits a "beep beep" alarm with a slightly longer interval

Current overload value 6A: When the total current exceeds 6A, the buzzer of LIU-0816-WN emits a "beep" alarm with a short interval sound

Warning voltage value 250V: When the input voltage exceeds 250V, the buzzer of LIU-0816-WN emits a "beep beep" sound alarm

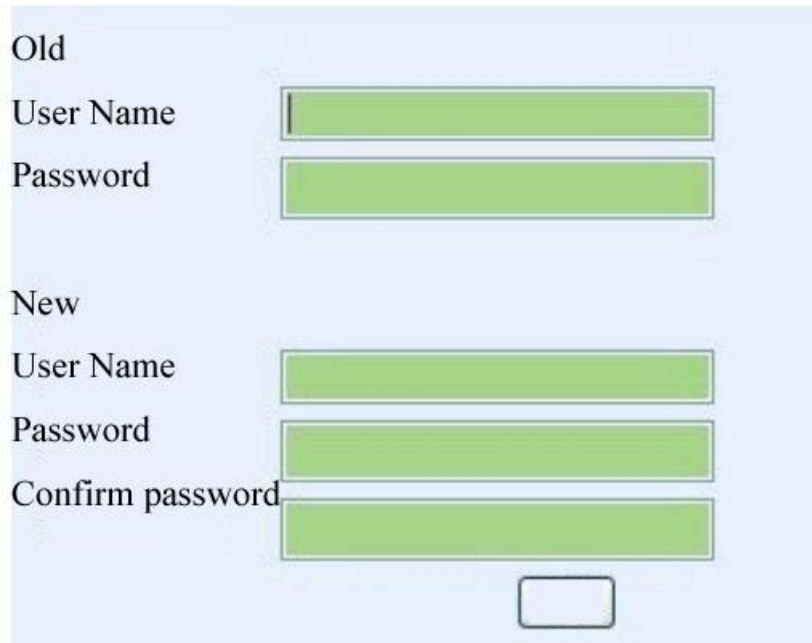
Current overload value 300V: When the input voltage exceeds 300V, the buzzer of LIU-0816-WN emits a short beep interval sound alarm

Temperature less than the value.5 ℃, a value greater than 50℃: When LIU-0832 -WN built-in temperature and humidity sensors sense should ambient temperature is less than 5℃or greater than 50℃, LIU-0832-WN buzzer"beep- beep"Audio alarm

Warning value humidity 80%: when LIU-0832-WN built-in temperature and humidity sensor senses the humidity greater than 80%, LIU-0832-WN buzzer "beep- beep" sound alarm

Explanation: The specific threshold setting is set by the user according to the actual usage environment

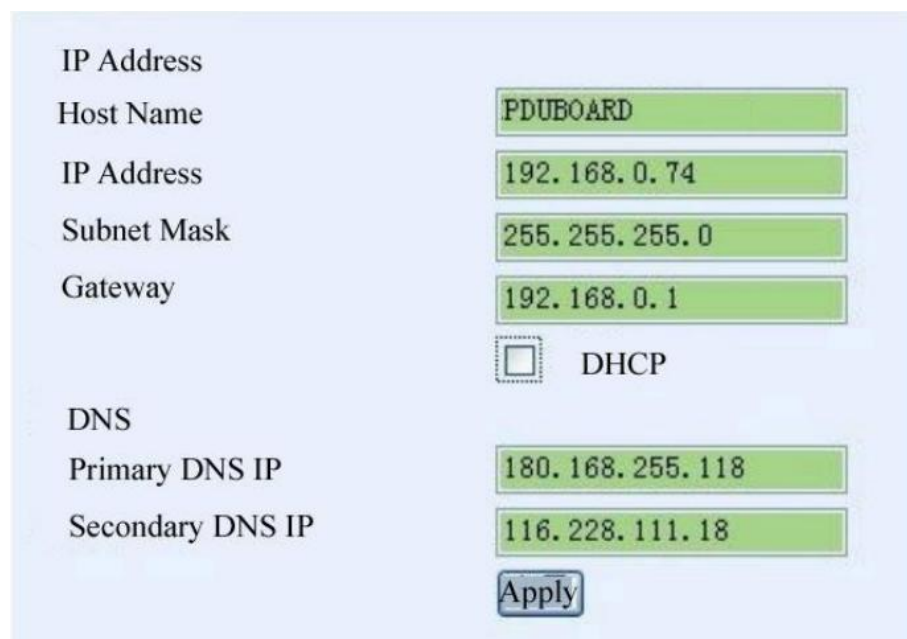
6. User name and password setting click interface disposed on the left side of the column "user", as shown in display screen



The interface is titled "Old" and "New". Under "Old", there are two input fields: "User Name" and "Password". Under "New", there are three input fields: "User Name", "Password", and "Confirm password". At the bottom center, there is a button labeled "Apply".

In this interface, you can modify the user password and password for logging in to LIU-0832-WN. 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 LIU-0832-WN, 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.



The interface shows settings for IP Address, Host Name, Subnet Mask, Gateway, and DNS. The Host Name field contains "PDUBOARD". The IP Address field contains "192.168.0.74". The Subnet Mask field contains "255.255.255.0". The Gateway field contains "192.168.0.1". There is a checkbox for "DHCP" which is currently unchecked. The DNS section has two fields: "Primary DNS IP" containing "180.168.255.118" and "Secondary DNS IP" containing "116.228.111.18". At the bottom, there is an "Apply" button.

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

IP address: LIU-0832-The IP address of the LAN where WN is currently located

Sub net mask: LIU-0832 -WN sub net mask of the current LAN

Gateway: LIU-0832 -WN 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 LIU-0832 -WN, 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	LIU-0832WN
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