Netmatelite

Basic Web-based Netmatelite for UPS

User's Manual Of Netmatelite

Installation Requirement

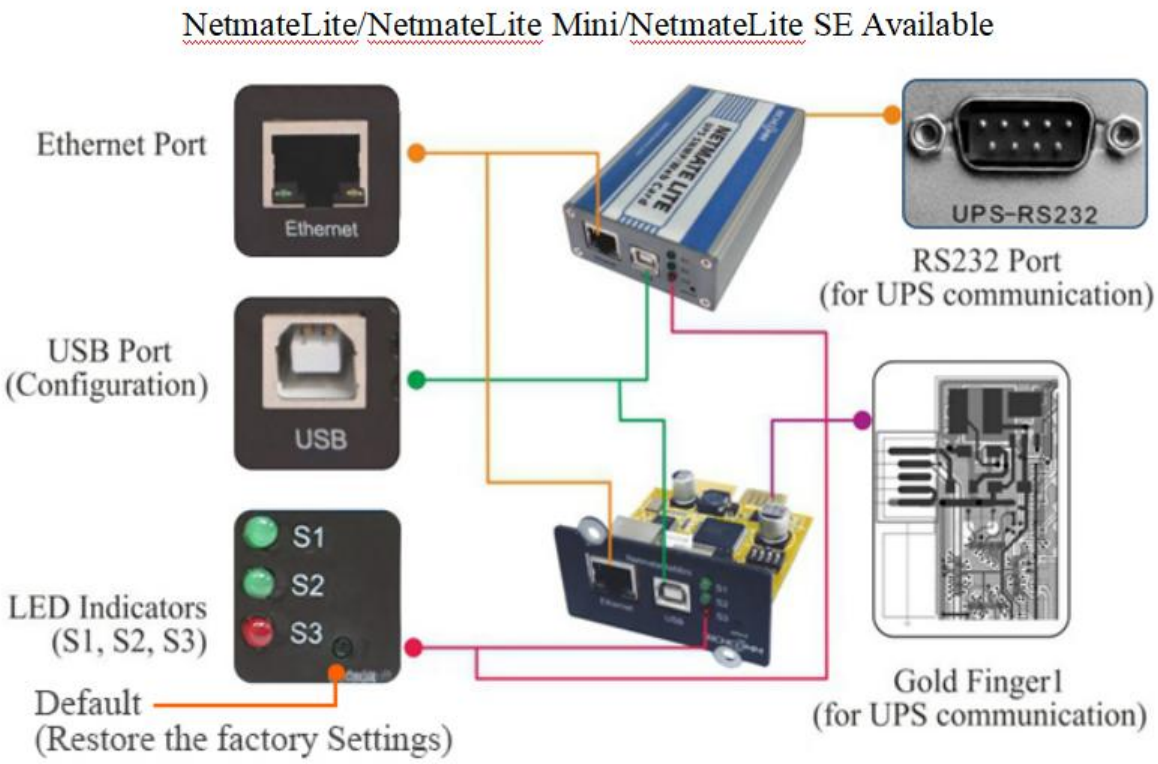
- The UPS with RS232 port or internal slot;
- The computer(best administrators computer) with Ethernet port;
- A complete network environment.

Note: Please read this user manual before installation.

1. Ports Definition

SNMP Card Lite Mini1/SNMP Card Lite Mini2 Available

NetmateLite/NetmateLite Mini/NetmateLite SE Available



① Ethernet Port: UTP 10/100M RJ45 Ethernet port;

② PW (Red): Power status indicator, constantly on mean power connected well, no light means no power connected;

③ S1 (Green): Running indicator, slow flash is normal;

④ S2 (Green): Running/SNMP indicator, slow flash is normal, flash frequency is determined by SNMP inquire cycle;

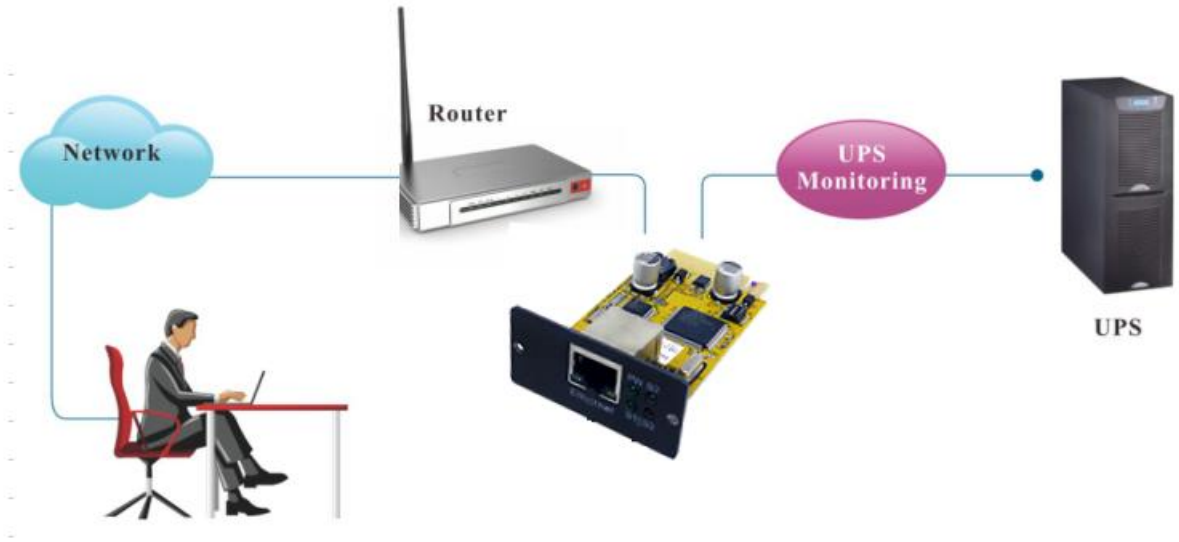
⑤ S3 (Red): Device status indicator (red), constantly on means connected well with UPS and have data communication, flash means disconnected or UPS communication failed;

⑥ 4 Pin Serial Port: Connect with UPS;

⑦ Gold Finger: Insert into UPS internal slot.

2. Installation

2.1 Network Diagram



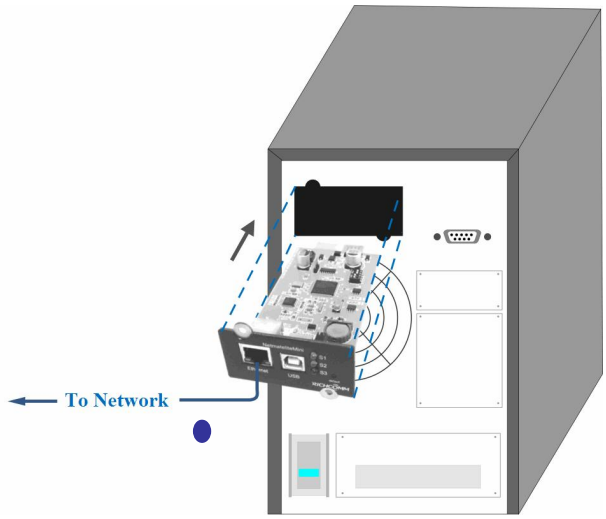
2.2 Hardware Installation

Internal SNMP Cards

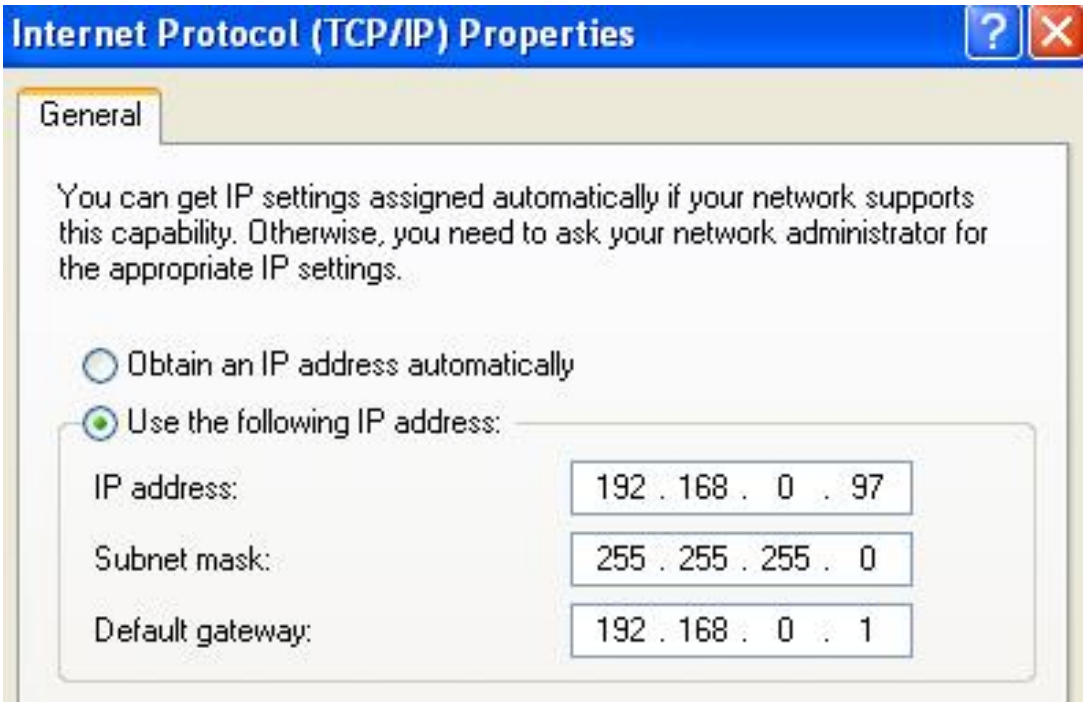
Procedure:

① Insert internal SNMP card to UPS slot

② Use T568B network cable connect to network



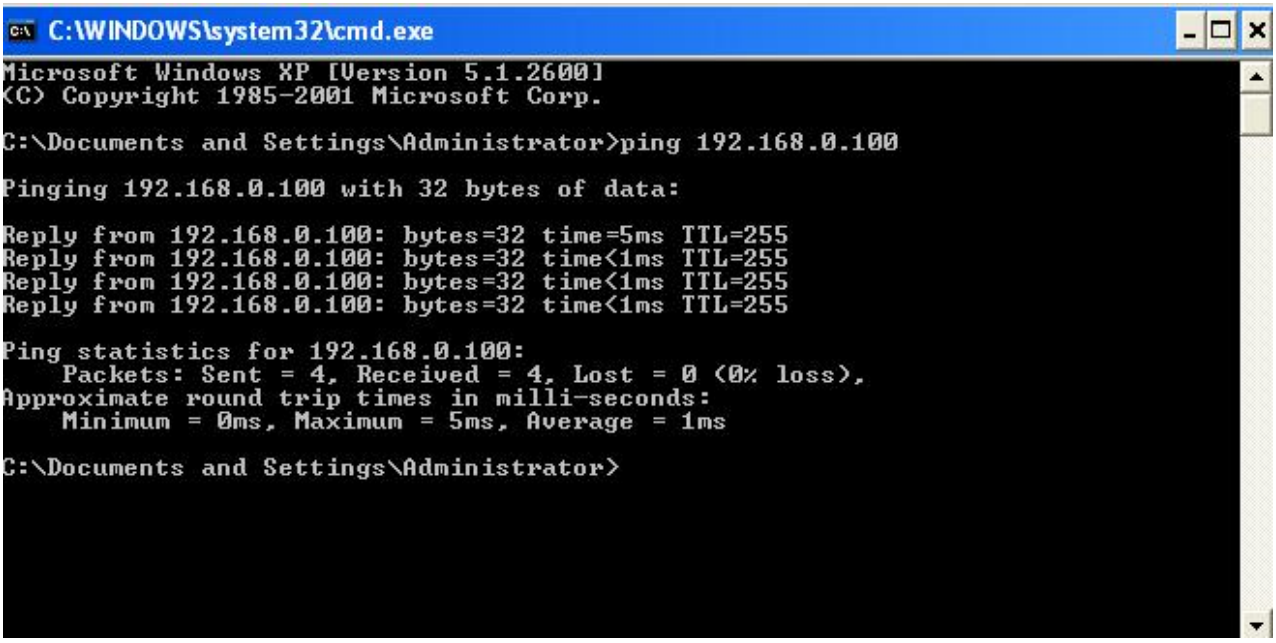
2.3 Set Network Segment



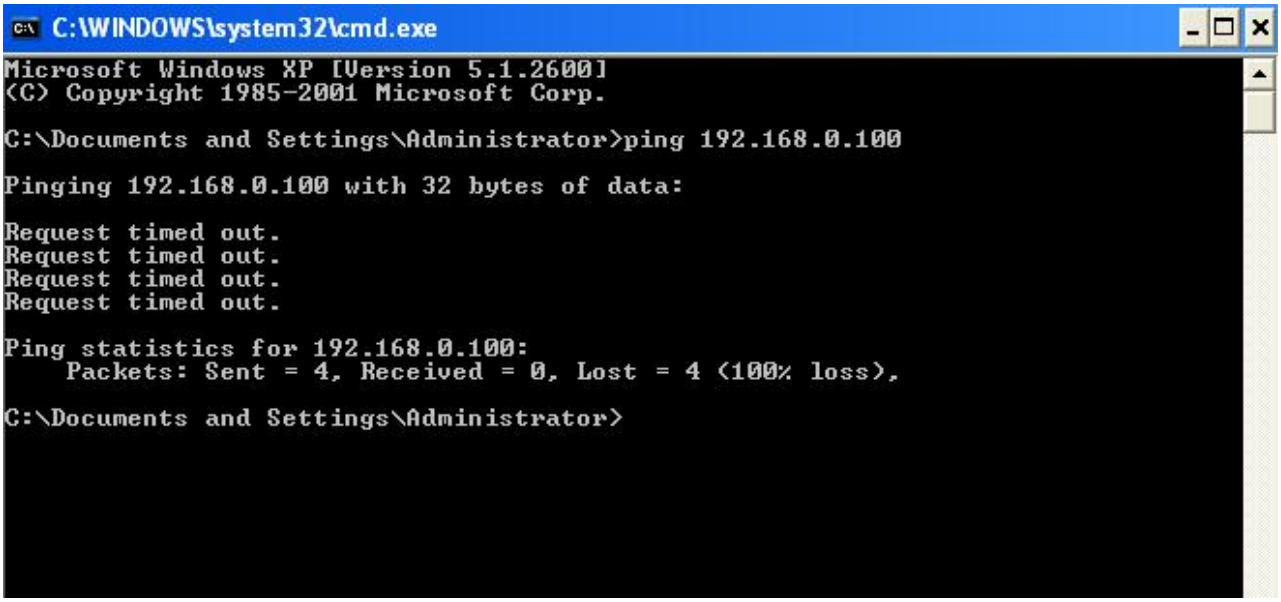
For initial configuration, first we should set a same network segment before sign in web interface, since default IP is: **192.168.0.100**, so network segment should be set as **192.168.0.XXX**

2.4 Command “ping”

Before sign in the web interface, we can check the default IP address whether available in your network by command “ping”

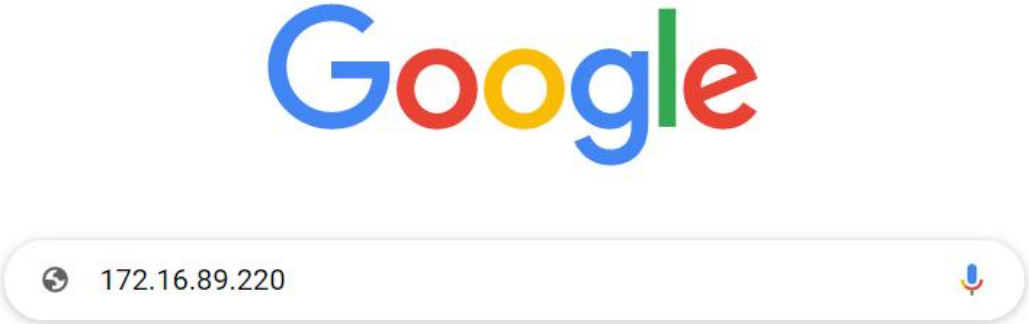


Ping Pass

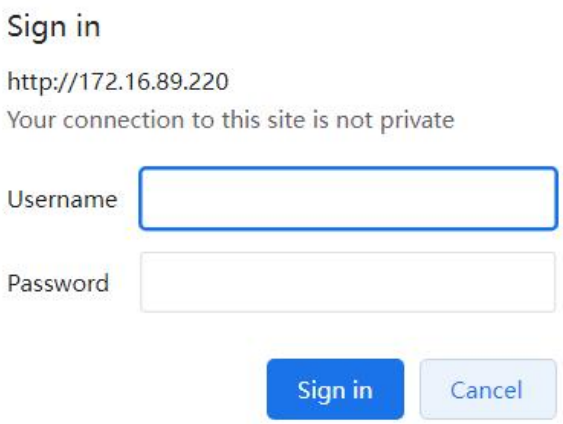


Ping Fail

2.5 Sign in Web Monitoring Interface



All above steps finished, open a web browser(suggest IE/firefox/chrome etc), input default IP address **192.168.0.100**

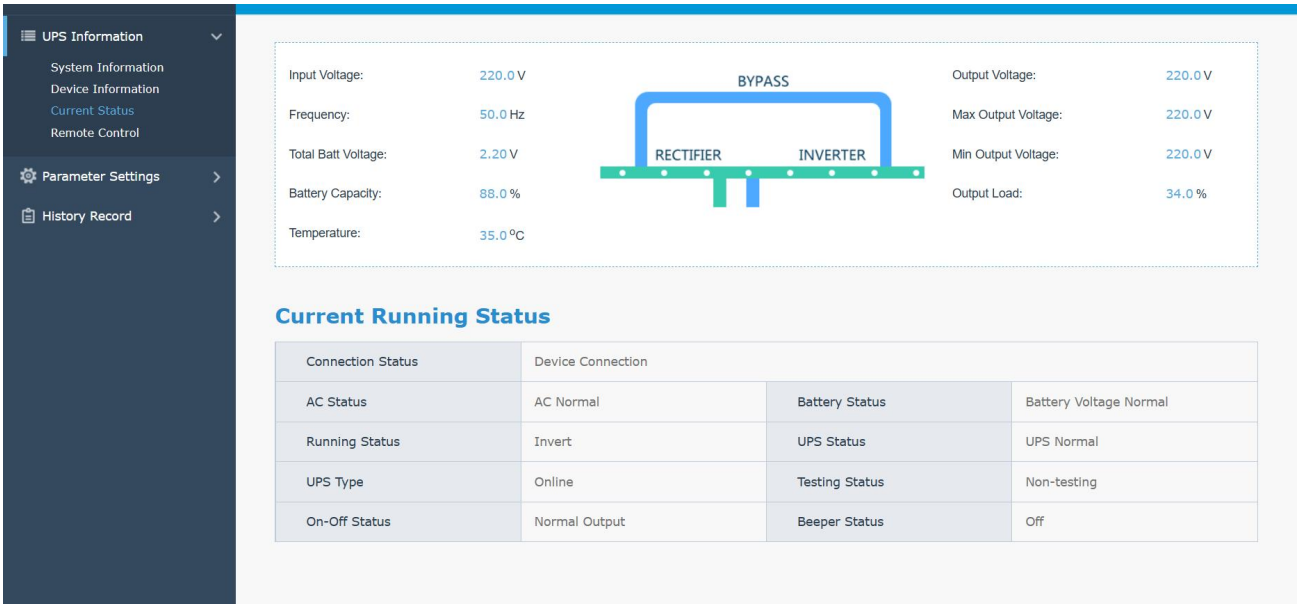


Input user name and password , default user name & Password are both **"admin"**.

（User name and Password by can be change by setting）

2.6 Web Monitoring Interface

After input the user name and password, the monitoring homepage will display, then we can check the UPS current status and start software setting



<Home page>

3. Software Setting Introdution

3.1 UPS Information

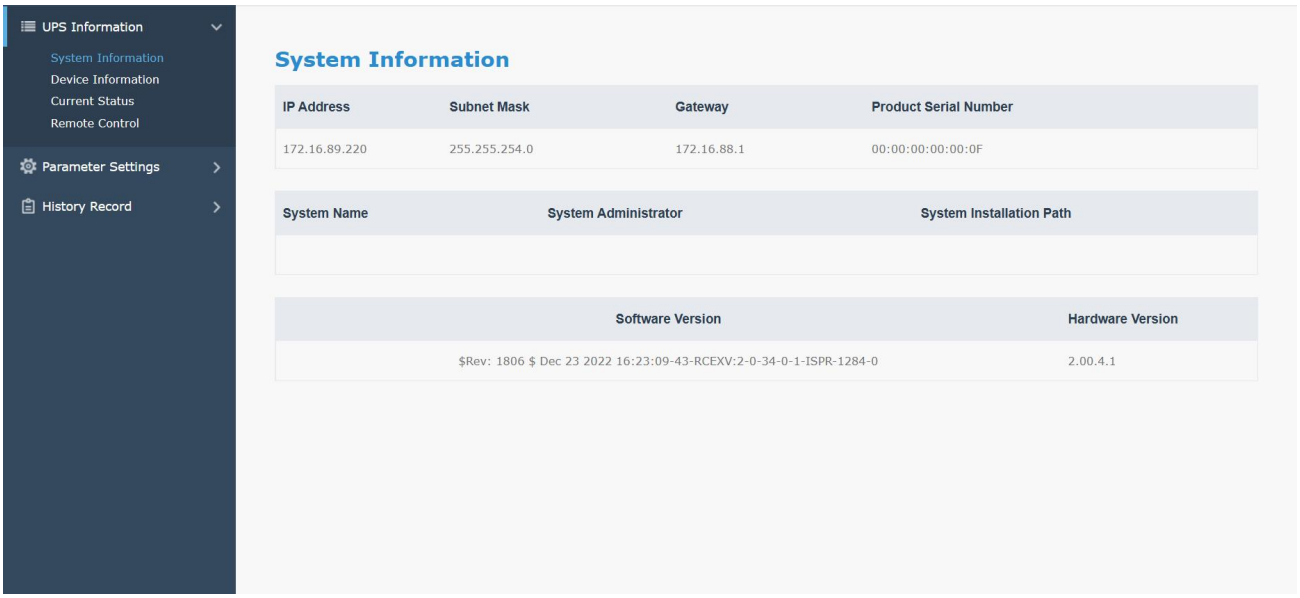
Sub-Menu：

- **System Information**
- **Device Information**

- **Current Status**
- **Remote Control**

3.1.1 System Information

This page is to display UPS basic information and network information. The info shown here are provided by SNMP Card Lite SNMP card itself and parameter settings



A, IP Address

This part will automatically display when users finish the [Network Setting]

B, Subnet Mask

This part will automatically display when users finish the [Network Setting]

C, Gateway

This part will automatically display when users finish the [Network Setting]

D, System Name

This part will automatically display when users finish the [SNMP Setting]

E, System Administrator

This part will automatically display when users finish the [SNMP Setting]

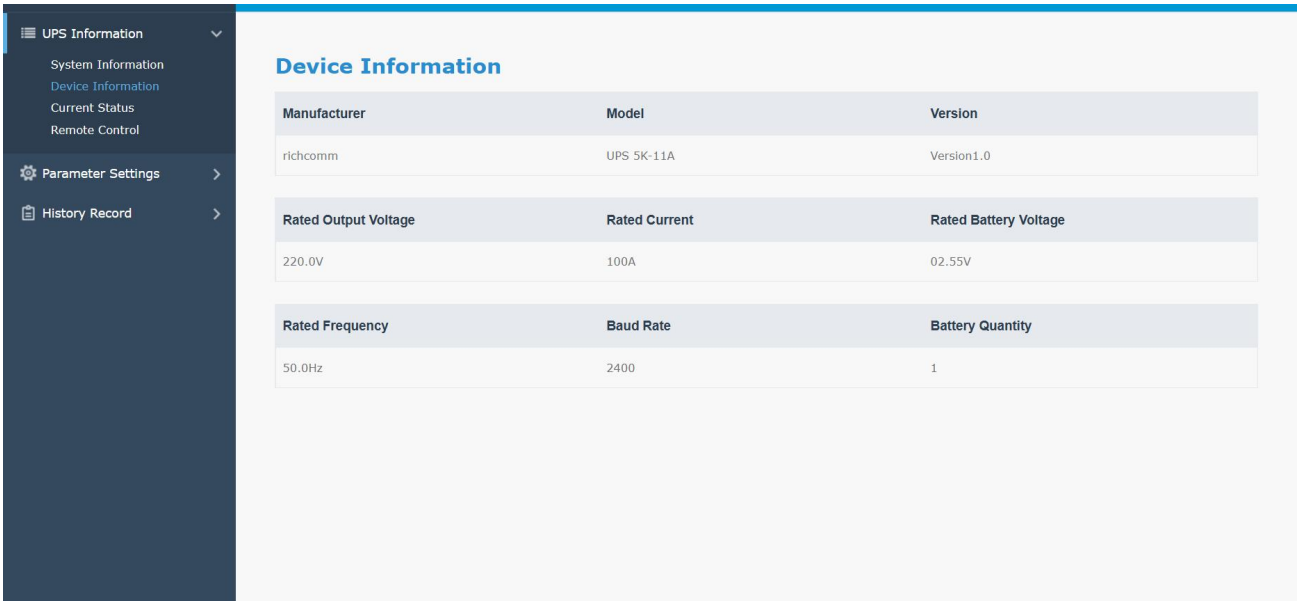
F, System Installation Position

This part will automatically display when users finish the [SNMP Setting]

G, Other information will be provided by SNMP Card Lite monitoring system

3.1.2 Device Information

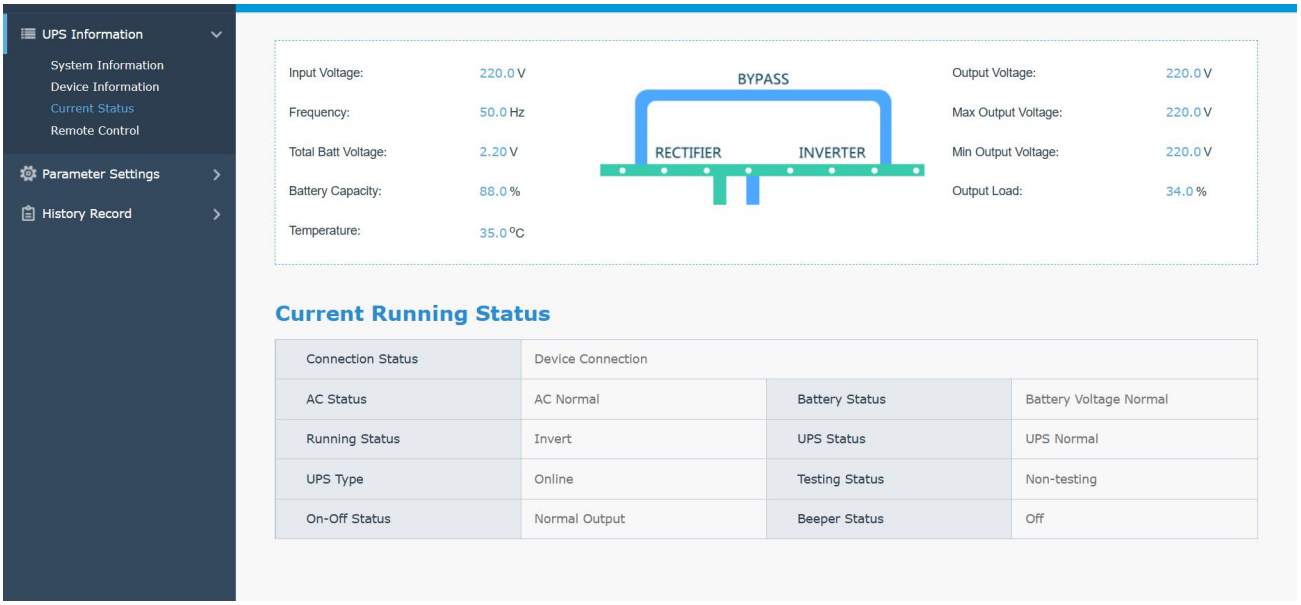
This part is to display each part of device information (UPS basic information, battery information and rated information). The contents will change according to user setting and UPS real status. UPS Manufacturer/Model/Version will be provided by the UPS itself.



3.1.3 Current Status

This part is to display the UPS current running status. We can clearly know about the UPS current running status，when an abnormal alarm occurs, figures will turn in red font accordingly.

Single-phase UPS Montoring

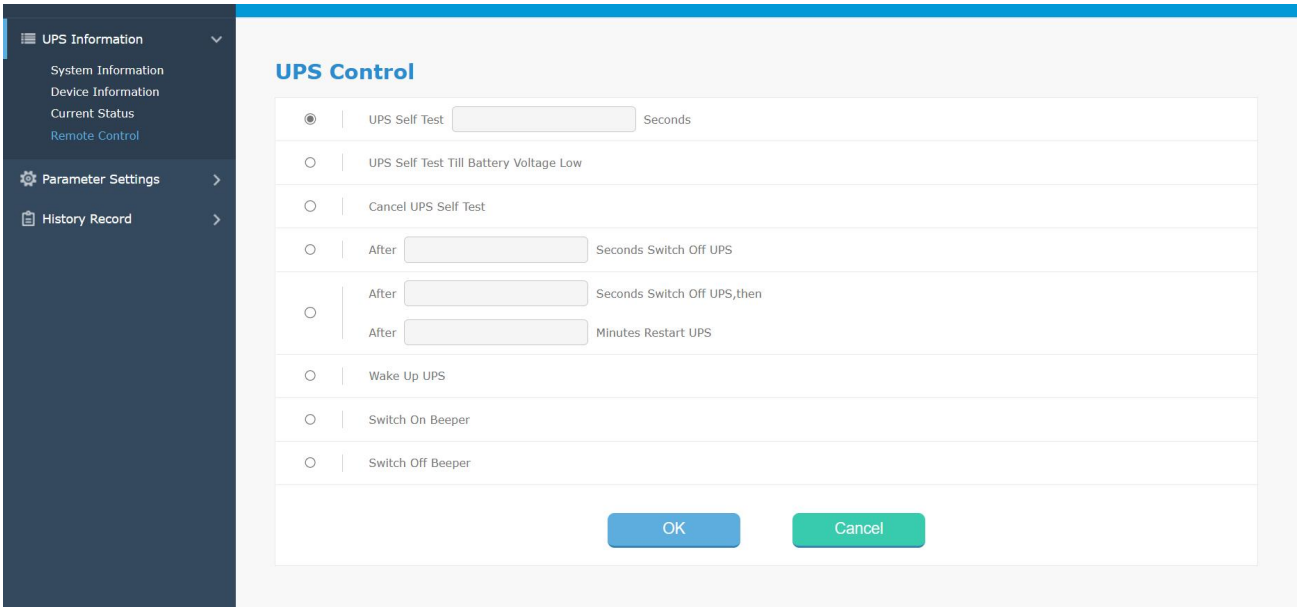


Basic Information

The current figures like Input Voltage/Input Frequency/Battery Voltage/Battery Content/UPS Temperature/Output Voltage/Output Max Voltage/Output Min Voltage/ Current Load /Temperature and Hunidity are display here.

3.1.4 Remote Control

This part is to set switch on/off control command for instant self-test, switch off, restart UPS and beeper.



3.2 Parameter Setting

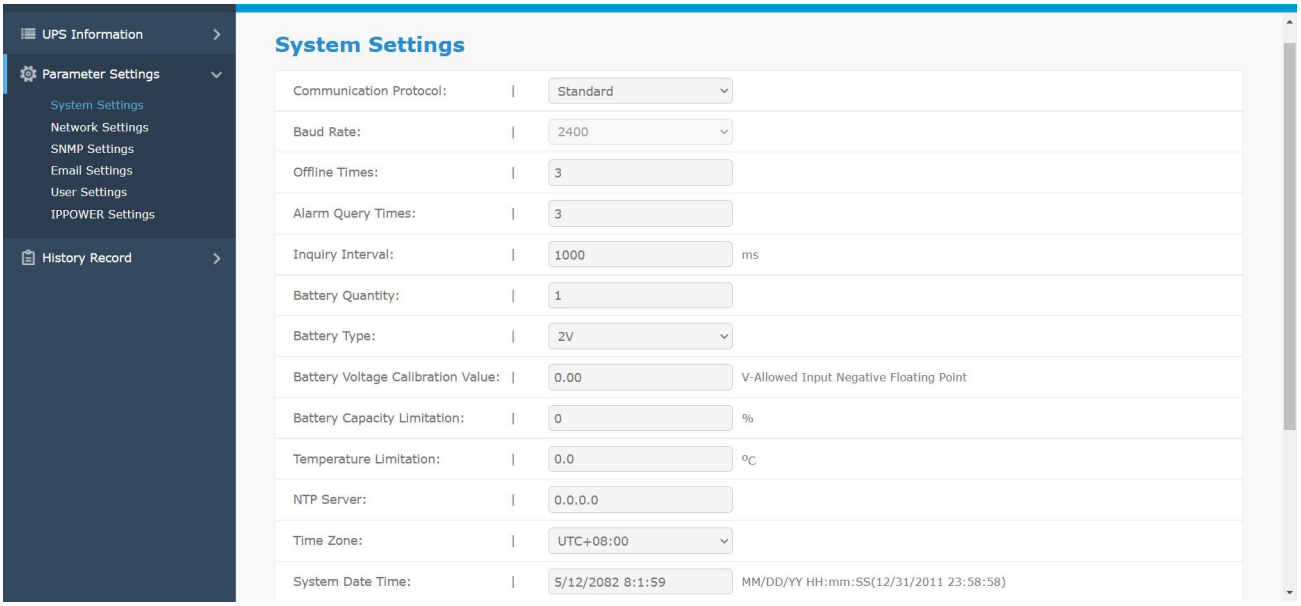
Sub-Menu:

- **System Settings**
- **Network Settings**
- **SNMP Settings**
- **E-mail Settings**
- **User Settings**
- **IP POWER Settings**

3.2.1 System Settings

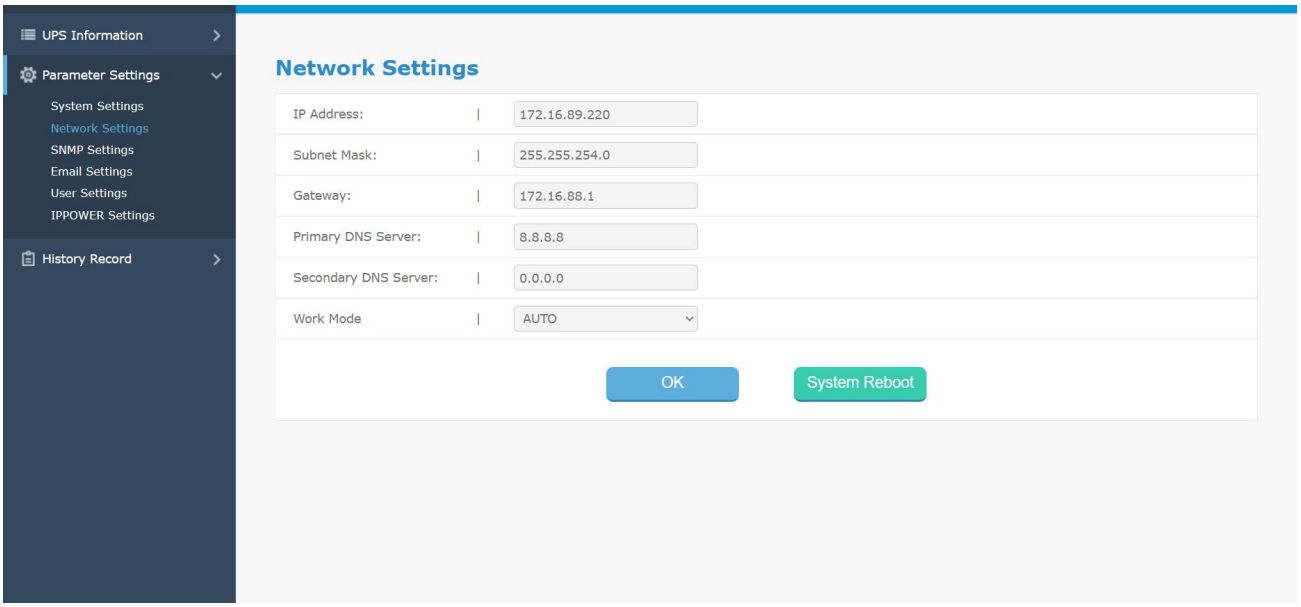
Basic Parameter Settings

This part is to set UPS basic parameters, Baud Rate/ Offline Times/Alarm Times/Inquiry/Battery Quantity/ Battery Type/System Date Time need to be set according to real UPS information.



3.2.2 Network Settings

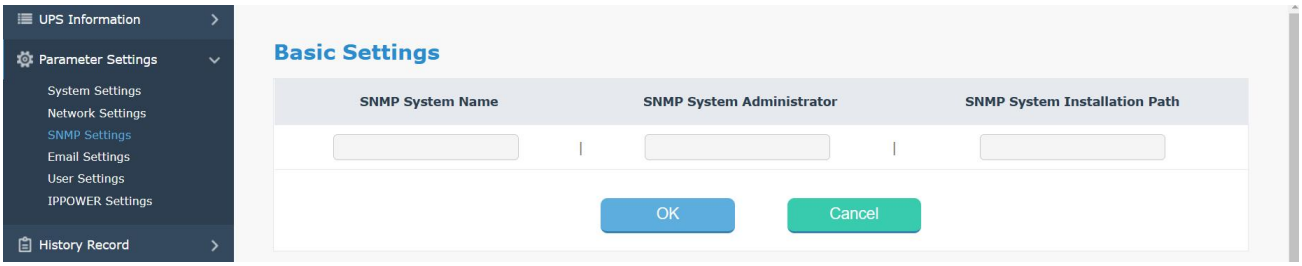
In this page, we can modify the IP address, subnet mask, gateway information, NTP server, time zone and work mode of SNMP Card Lite which according to the real network segment,(Note: IP address cannot be conflicted with other device IP in a same network).



3.2.3 SNMP Settings

This page is for relevant settings, SNMP system should be match with SNMP software, including Basic Settings, Authorization Settings and TRAP Settings.

Basic Setting

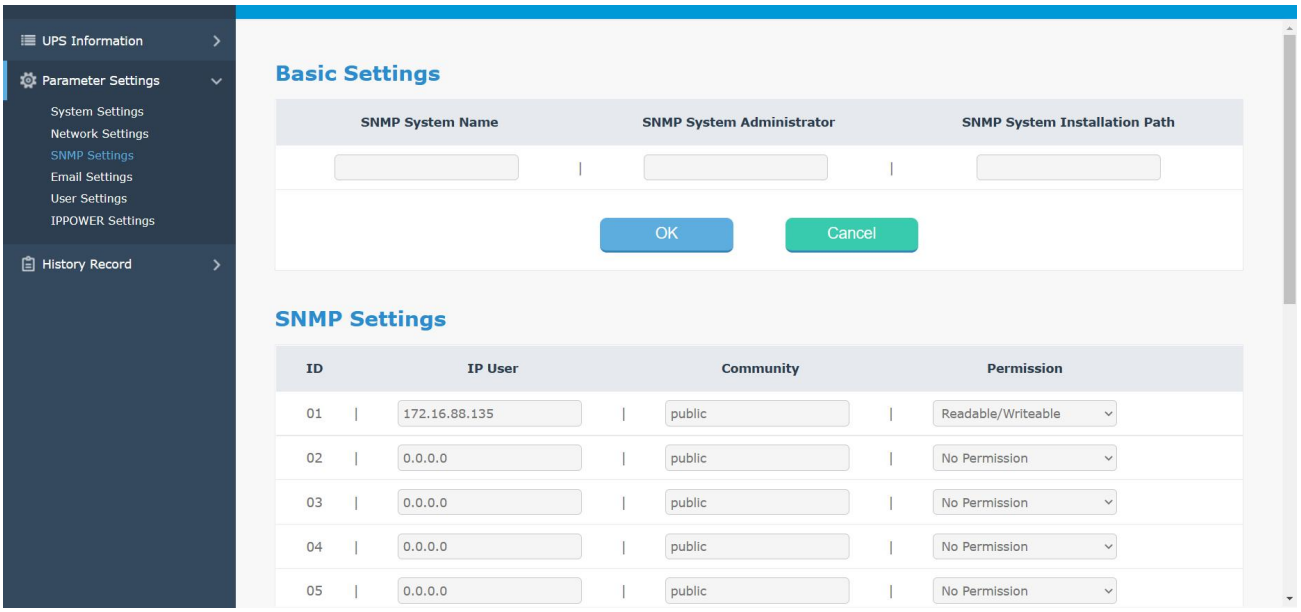


A, SNMP System Name: Name this SNMP system

B, SNMP System Administrator: Set this SNMP system administrator

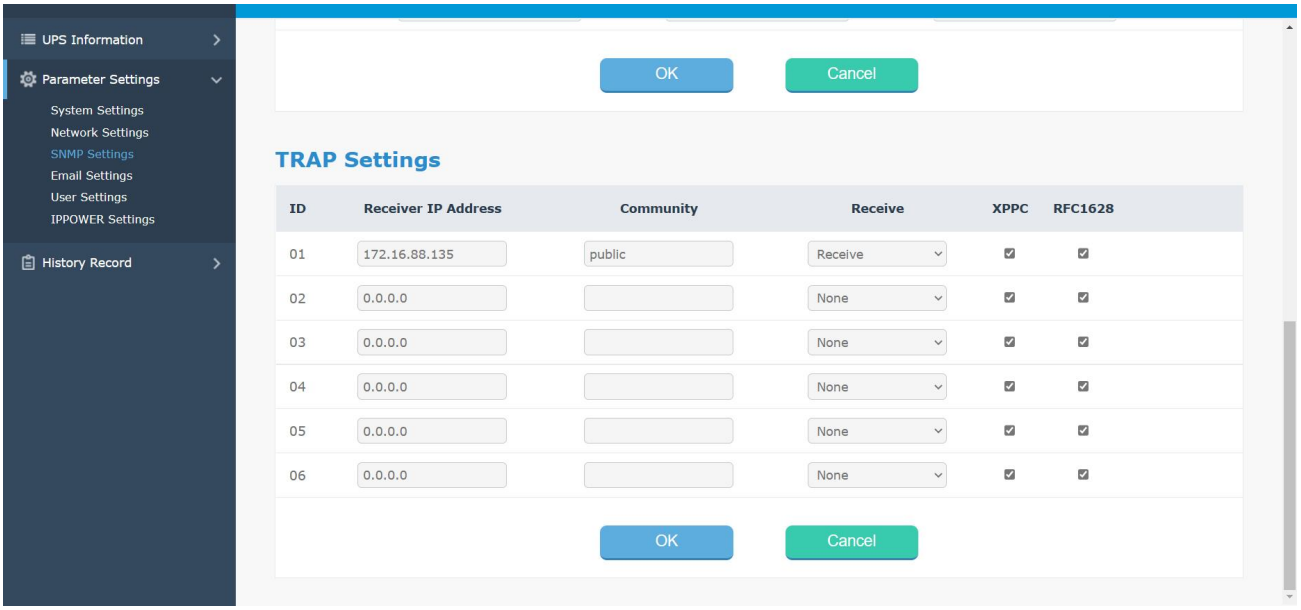
C, SNMP System Installation Path: Set SNMP system installation location

The basic settings are very convenient for central monitoring and management if exist a lot of UPS in a same network. We can fast and simply inquire every UPS by central monitoring management system(IP Power SE/IP Power Plus).



Trap Setting

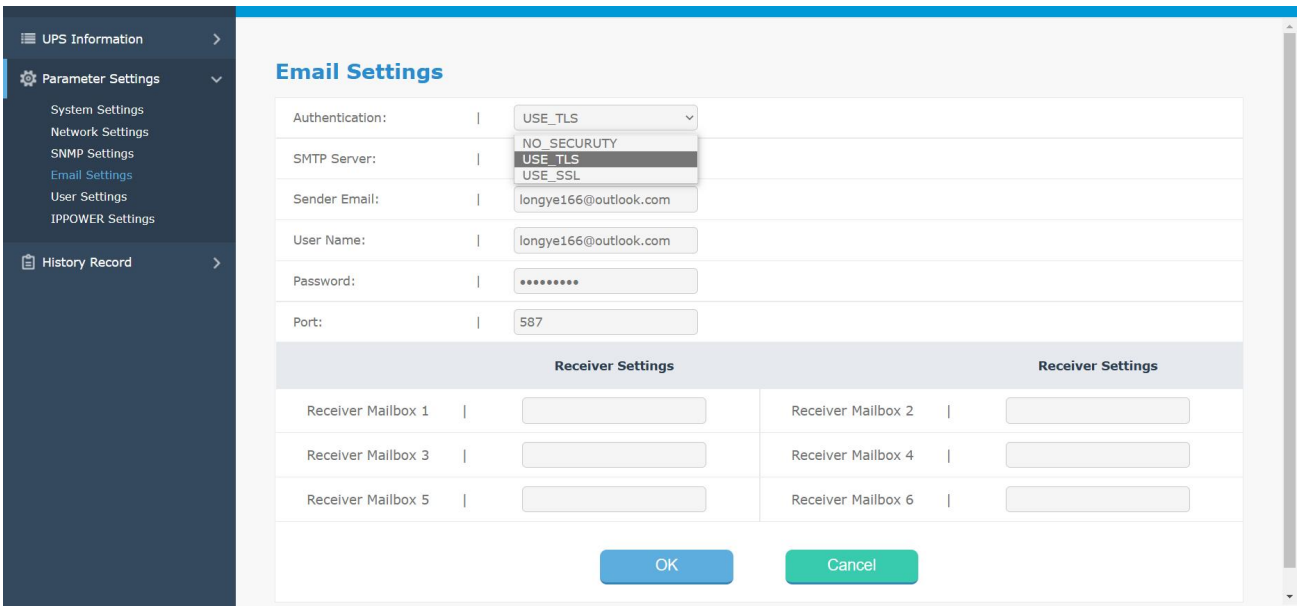
The Receiver IP Address is used for receiving the Traps that sent by SNMP system. Users can set 6 Trap receivers IP addresses , support to choose whether receive the traps or not.



This part is to set SNMP user IP address, community and relevant authorization. we can set 6 SNMP user IP addresses, can choose the permissions which including No Authorization, Readable, Readable/Writable.

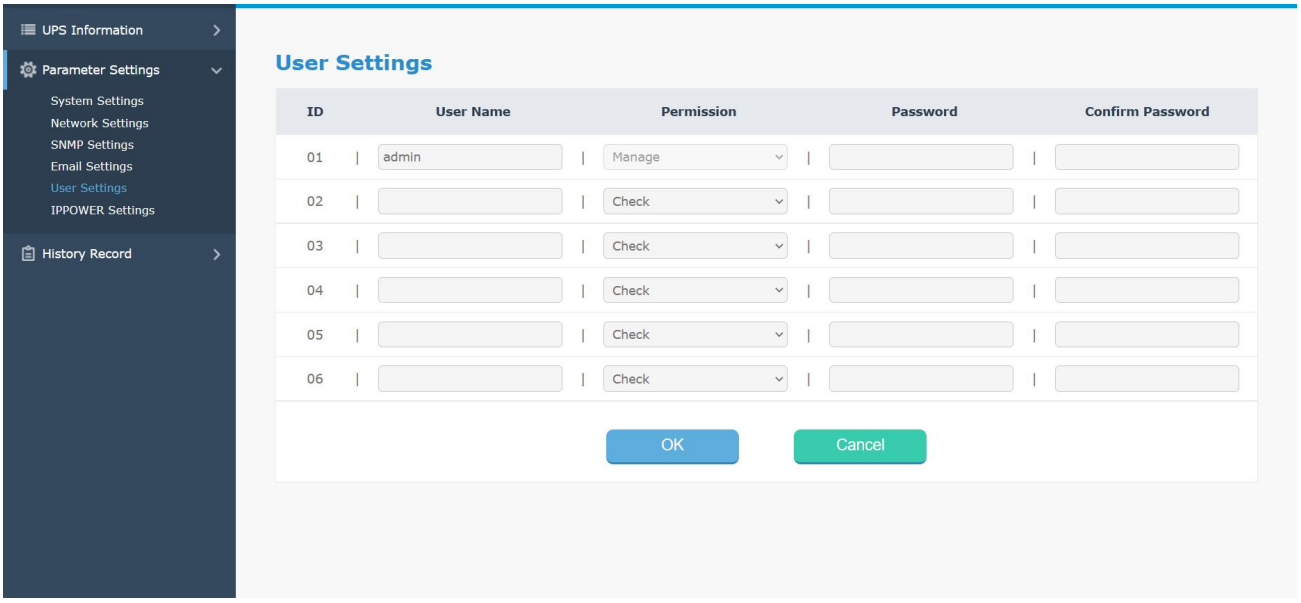
3.2.4 E-mail Settings

Select different email type to set email alarm.



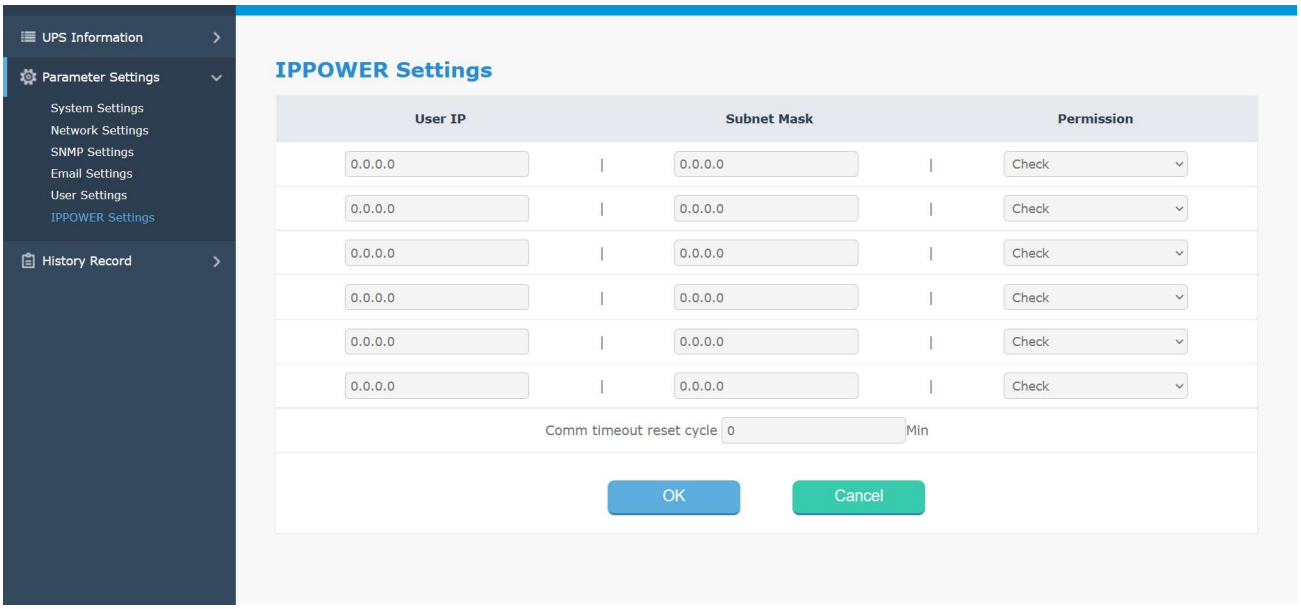
3.2.5 User Settings

This page is to set the user information.



3.2.6 IP POWER Settings

This part is to set the authorization addresses, all authorization addresses can be remote monitoring and management via IP Power SE or IP POWER Plus. Authorization permissions including Control and Access.



3.3 History Event

This page is to display history events and records including the Date/Time/ Log.