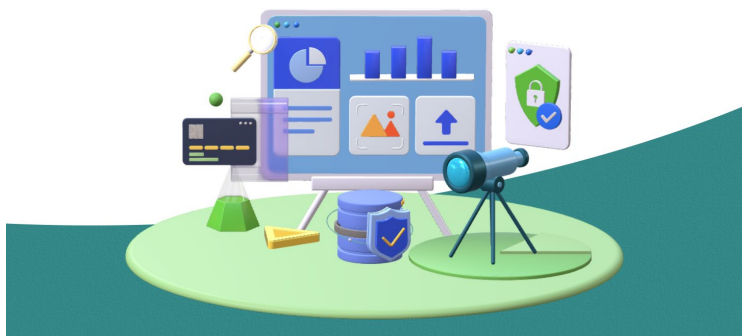




# UPSilon 2000 6.0

*For Windows*

Uninterruptible Power Supply Software



## User's Manual

*For  
Windows XP,  
Windows 7, Windows 10, Windows 11,  
Windows Server 2019  
...*

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## EASY INSTALLATION

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### ◆ Hardware Installation (See [p7](#))

1. Connect RS232 cable to UPS communication port.
2. Connect female connector of RS-232 cable to the PC.
3. USB solution is optional offer. Whenever use USB interface, only MegaTec specific USB cable is applicable, or the UPS must embedded with our USB IC. Contact our service center for details, or your UPS manufacturer.

### ◆ Software Installation (Take paper card as an example) (See [p12](#))

4. Download the UPSilon 2000 6.0 software installation package. (For download link, please check the paper card.)
5. After the download is completed, unzip the file-compressed package. Execute the UPSilon 2000.exe installation package in the root directory to start the installation process.
6. During the installation process, you need to enter the product serial number (please check the paper card for the product serial number), and the installation continues until completed.
7. Then, check whether UPSilon has started in the taskbar, check whether "UPS Auto-Protect" and "USB UPS of Megatec" in "Services" are running.

---- For other detailed parameter settings, please refer to the relevant instructions in the manual. ----

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# 1. Introduction

UPSilon 2000 6.0 is a monitoring software specially designed for RS-232 or USB intelligent UPS. It plays a vital role in power management. When the mains power supply is stable, this software can accurately display real-time data such as UPS input and output voltage, frequency, load status, temperature, and battery capacity with intuitive data and graphical interfaces, providing users with convenient power supply quality, monitoring means. At the same time, through the network remote monitoring function, UPSilon 2000 6.0 breaks the space limitation and allows users to manage power resources more efficiently.

When the mains power interrupted or the UPS battery power is low, UPSilon 2000 6.0 demonstrates its excellent unmanned monitoring capabilities. It can not only automatically execute external programs to achieve safe storage and safe system shutdown, but also adds the function of automatic alarm information transmission through multiple channels, including email, mobile phone text messages and instant messaging software notifications, etc.. To ensure that users can receive the alarm information in the first time and take corresponding countermeasures, thus avoiding system or file damage caused by the interruption of municipal power.

It is worth mentioning that UPSilon 2000 6.0 has powerful automation features and can start executing the monitoring program before the user logs in to the computer, realizing fully automatic UPS management without manual intervention. In addition, it also supports multi-language display, providing flexible language choices for global users, making software settings and operations more convenient.

With the development of information technology, the reliability of power supply has become increasingly critical. UPS is an important part of power security, and its intelligent monitoring and management has become necessary. UPSilon 2000 6.0 is the first-choice monitoring software that is affordable and has complete functions, effectively ensuring the stability and security of power supply.

## **1.1. Packing including**

- ◆ One UPSilon 2000 6.0 software CD or;
- ◆ One UPSilon 2000 6.0 software Installation Guide paper card.

## **1.2. System Requirements**

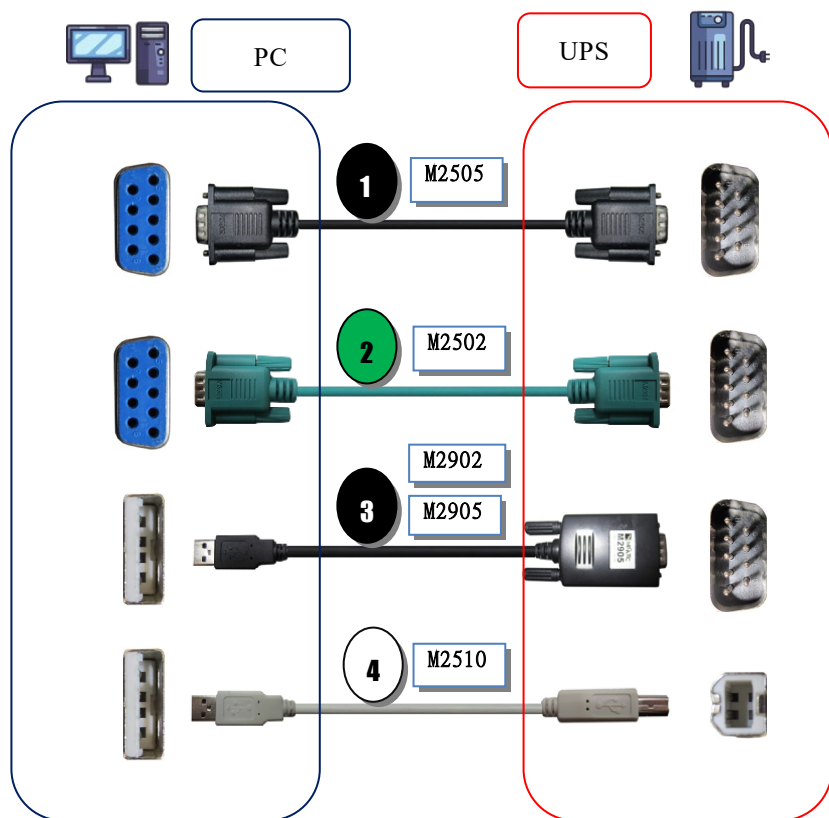
UPSilon 2000 6.0 hardware and software requirements as follows:

- ◆ Computer system RS232 communication port: COM (serial port)
- ◆ Computer system USB communication port
- ◆ Smart UPS using true RS-232 communication
- ◆ Smart UPS using USB communication
- ◆ Windows XP
- ◆ Windows 7
- ◆ Windows 10, 11
- ◆ Windows Sever 2019

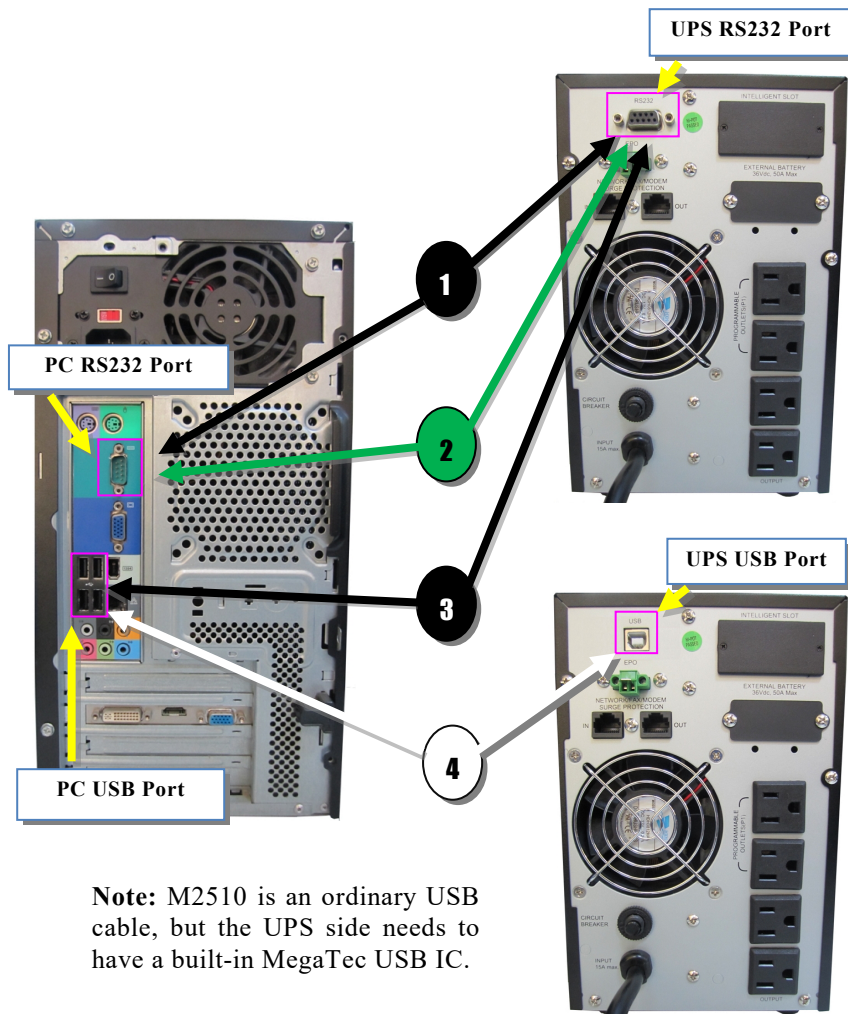


## 2. Hardware Installation

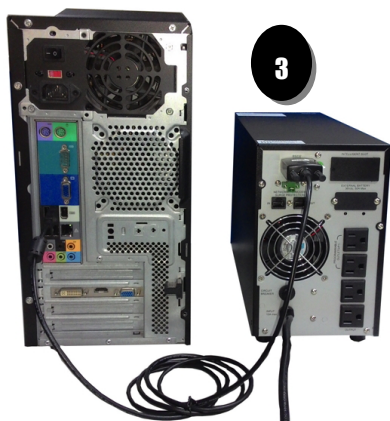
1. Please make sure to connect the correct communication cable between UPS and the PC. UPSilon could be connects with four different types of cable as below to adopt for different type of UPS usage.



## 2. Cable connection diagram between PC and UPS:



**Note:** M2510 is an ordinary USB cable, but the UPS side needs to have a built-in MegaTec USB IC.



3. The UPSilon 2000 6.0 cable specially designed for use with this software. Please do not use a commercially available RS232 cable to connect it to UPS.

## 3. UPSilon 2000 6.0

### 3.1. Features

- ◆ Support software service startup before Windows user login.
- ◆ Provides interface display in 12 languages.
- ◆ Graphically display UPS status in real time, such as temperature, voltage, load, frequency, battery capacity, etc.
- ◆ Instantly perform UPS self-test, enable or disable buzzer sound, and UPS power on/off operation.
- ◆ Master / Slave mode can be set for network remote UPS monitoring and remote safe shutdown.
- ◆ Configurable load, temperature and battery level alarm thresholds.
- ◆ Support ACPI function shutdown connected to Windows system.
- ◆ Automatically detects mains power interruption and UPS battery low level.
- ◆ You can set the shutdown countdown time and the interval time between each warning message.
- ◆ Shut down the operating system to support hibernation
- ◆ Can be set to automatically execute external programs (scripts) before shutting down the operating system
- ◆ Automatically send alerts via email, SMS, or instant messaging software
- ◆ You can set the time schedule for turning on the UPS, turning off the UPS, shutting down the operating system, and the UPS self-test.
- ◆ Automatically analyze UPS power status based on self-test records

## 3.2. Software installation and Remove

### 3.2.1. Install UPSilon

#### 3.2.1.1. CD media

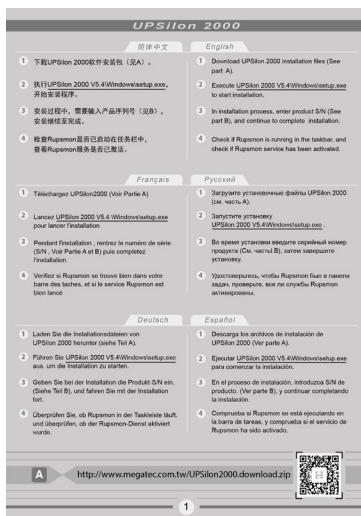
UPSilon will auto detect local language of your system dueing installation. If language does not supported, it will install and display in English interface.

Insert UPSilon CD into CD-ROM and it will show options as below. Click on **【 Install Program 】** → **【 UPSilon 2000 for Windows 】** to execute installation.



#### 3.2.1.2. Installation Guide paper card

Users can refer to the Installation Guide paper card in 12 languages. The paper card is divided into A and B pages. There is a software download link and QR code at the bottom of the A page, and the software registration serial number is at the bottom of the B page, as shown in the figure below.

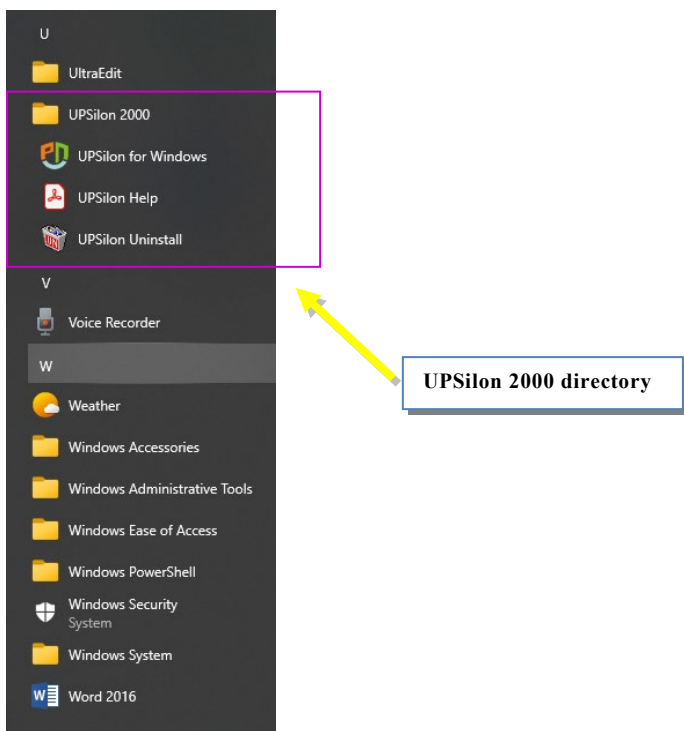


All UPSilon Files will be copy to the default directory  
C:\Program Files\Megatec\UPSilon 2000 or  
C:\Program Files (x86)\Megatec\UPSilon 2000.

After the installation is completed, you will see the permanent  
UPSilon 2000 icon on the taskbar, and you will see the UPSilon  
2000 directory in [Assemblies] or [All Programs].



Not connected to the UPS



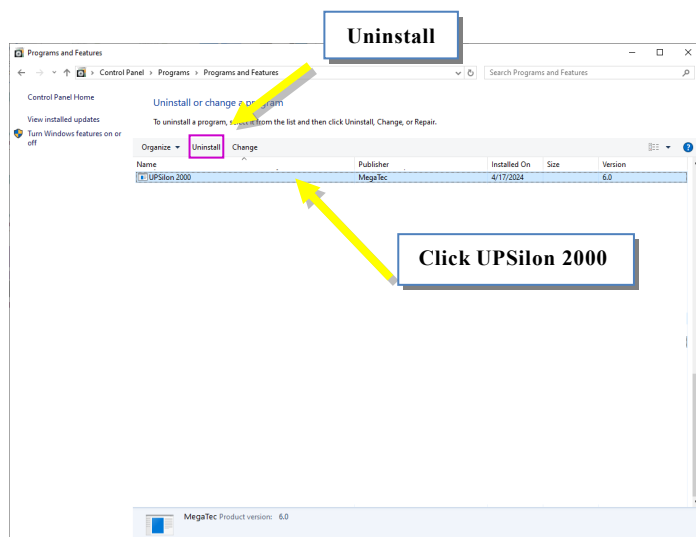


### 3.2.2. Remove UPSilon

After the installation is completed, there will be three options as shown in the figure below under the UPSilon 2000 item in the Windows start menu. If you want to uninstall UPSilon 2000 from the system, please select "UPSilon Uninstall".

- ◆ UPSilon for Windows: To enter to UPSilon main interface
- ◆ UPSilon Uninstall: To remove UPSilon from Windows
- ◆ UPSilon Help: UPSilon Instructions for Use Help File

Alternatively, you can uninstall it from [Uninstall or change a program] in [Control Panel]



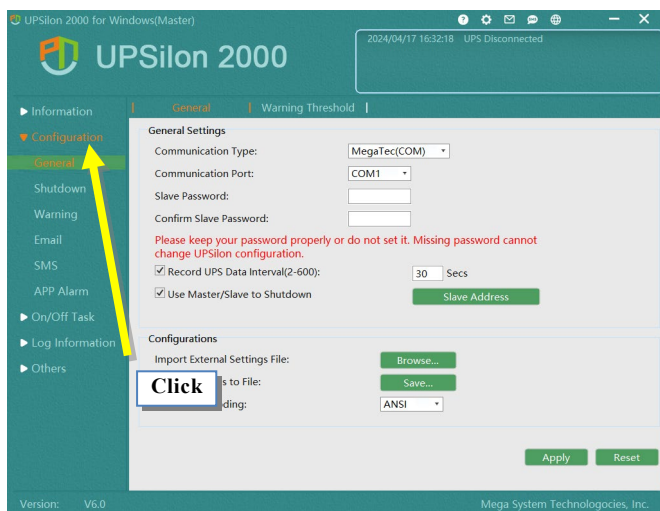
### 3.3. Software Start Up

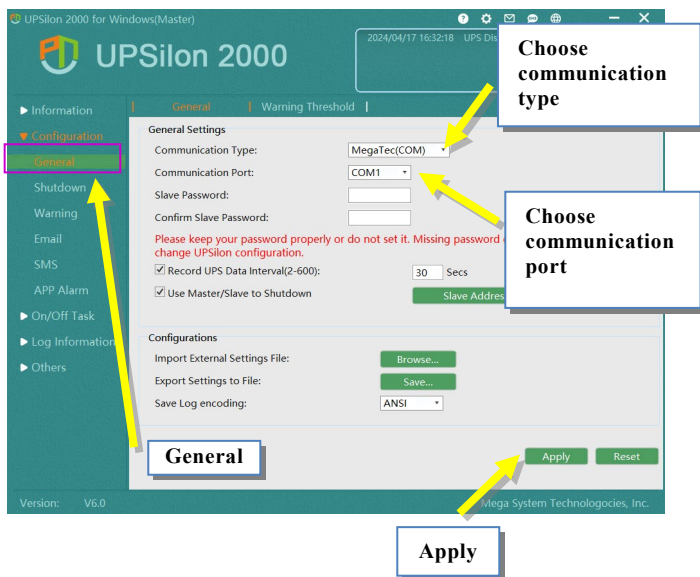
Activate UPSilon and UPS connection

1. Please confirm that the system and UPS have used the correct cables and connect correctly, and that the UPS is operating normally.
2. Right-click the UPSilon 2000 icon on the taskbar and select [Open UPSilon] to start the UPSilon 2000 main interface.

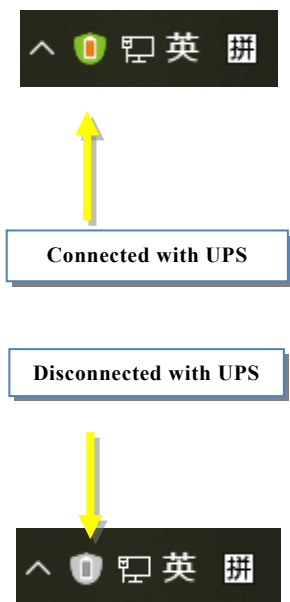


- Click [Configuration] to enter the parameter setting area. Select your UPS communication type and serial communication port in the [General] tab. Here, the MegaTec communication protocol and COM1 communication port are used as an example. After the selection is completed, please press [Apply] to submit the settings. If the communication with UPS is normal, you will see the "UPS Connection" event in the latest event in the upper right corner.



**Apply****UPS Connected**

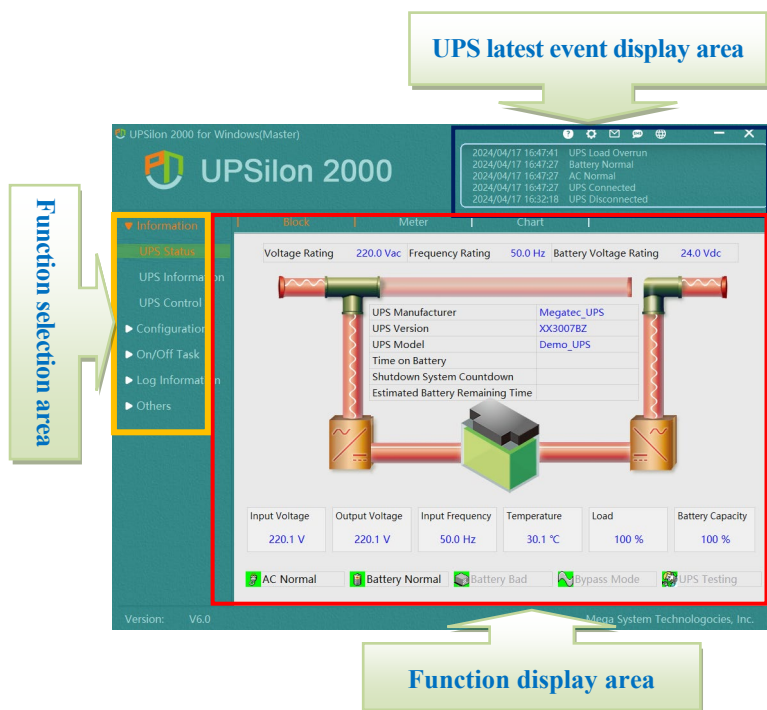
4. You can confirm the connection status between UPSilon and UPS on the small icon on the taskbar.



### 3.4. Operation Description

There are three sections on the main menu of UPSilon 2000:

1. UPS latest event display area and quick setting jump area ----- (Please refer to [3.4.1.](#))
2. Function display area ----- (Please refer to [3.4.2.](#) )
3. Function selection area ----- (Please refer to [3.4.3.](#) )



### 3.4.1. UPS latest event display area

This display area can scroll and display the latest five UPS events in real time, and you can scroll down to view more events.

Its content includes the date, hours, minutes and seconds of the event as well as the event content.

2024/04/17 16:47:41	UPS Load Overrun
2024/04/17 16:47:27	Battery Normal
2024/04/17 16:47:27	AC Normal
2024/04/17 16:47:27	UPS Connected
2024/04/17 16:32:18	UPS Disconnected

This quick setting jump area displays the most commonly used setting functions by users in the form of small icons, including “Help”, “General”, “Email”, “SMS” and “Interface Language”. When the user clicks on a small icon, the function display area will quickly switch to the corresponding settings page.

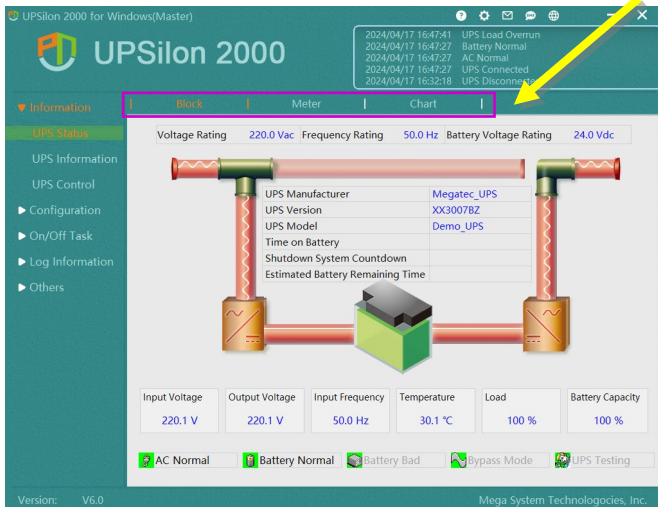


The languages supported by the software interface are *English, Simplified Chinese, Traditional Chinese, French, German, Japanese, Korean, Polish, Portuguese, Russian, Spanish and Turkish*, 12 languages.

### 3.4.2. Function display area

Click the “Function Selection Area” on the left to display the corresponding function content. Under these contents, details of the “tab” display function may be included.

Click on a tab to view details





### 3.4.3. Function selection area

After the software installed, you can select functions in the “Function Selection Area” and view UPS data or set parameters in the “Function Display Area”. The parameter values of each function will affect whether the UPSilon 2000 program can operate normally, please correctly sets the software and hardware environment of the computer system and the parameter values of various functions provided by UPSilon.

The function selection area contains five major function blocks, with a secondary small function menu underneath.

#### A. Information

- i. UPS Status ----- (Please refer to [3.4.3.1.](#))
- ii. UPS Information ----- (Please refer to [3.4.3.2.](#))
- iii. UPS Control ----- (Please refer to [3.4.3.3.](#))

#### B. Configuration

- i. General ----- (Please refer to [3.4.3.4.](#))
- ii. Shutdonw ----- (Please refer to [3.4.3.5.](#))
- iii. Warning ----- (Please refer to [3.4.3.6.](#))
- iv. Email ----- (Please refer to [3.4.3.7.](#))
- v. SMS ----- (Please refer to [3.4.3.8.](#))
- vi. APP Alarm ----- (Please refer to [3.4.3.9.](#))

#### C. On/Off Task

- i. Schedule ----- (Please refer to [3.4.3.10.](#))

#### D. Log Information

- i. Event Log ----- (Please refer to [3.4.3.11.](#))
- ii. Data Log ----- (Please refer to [3.4.3.12.](#))
- iii. Self-test Log ----- (Please refer to [3.4.3.13.](#))

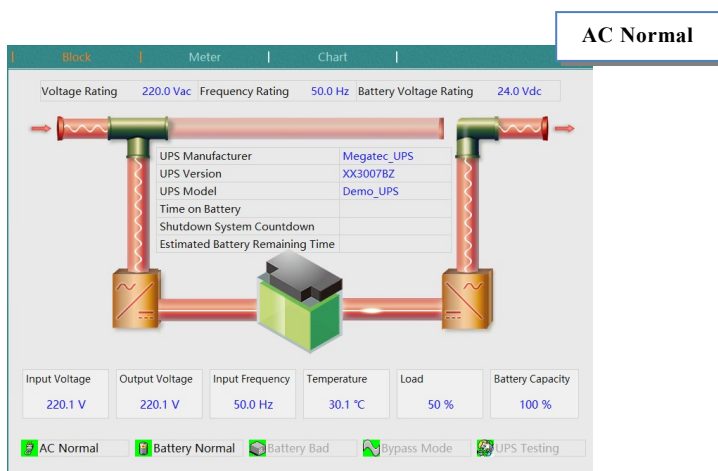
#### E. Others

- i. Debug ----- (Please refer to [3.4.3.14.](#))
- ii. Register ----- (Please refer to [3.4.3.15.](#))
- iii. About -----(Please refer to [3.4.3.16.](#))

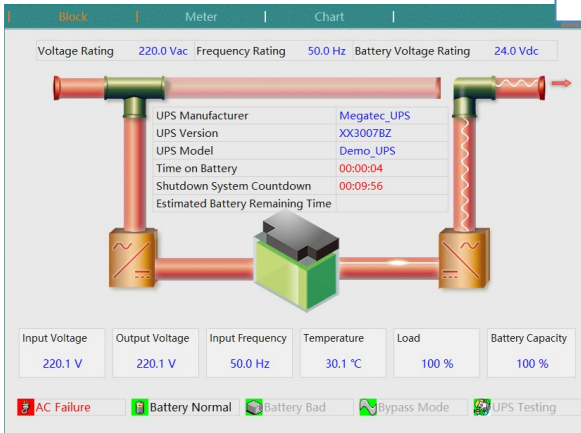
### 3.4.3.1. UPS Status

Users can choose to display it in the form of “Block”, “Meter” and “Chart”. The displayed content includes key information such as input voltage, output voltage, frequency, battery capacity, UPS load, and temperature and so on.

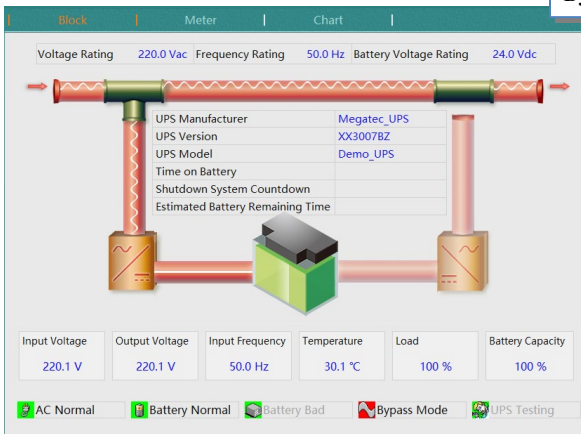
#### A. Block

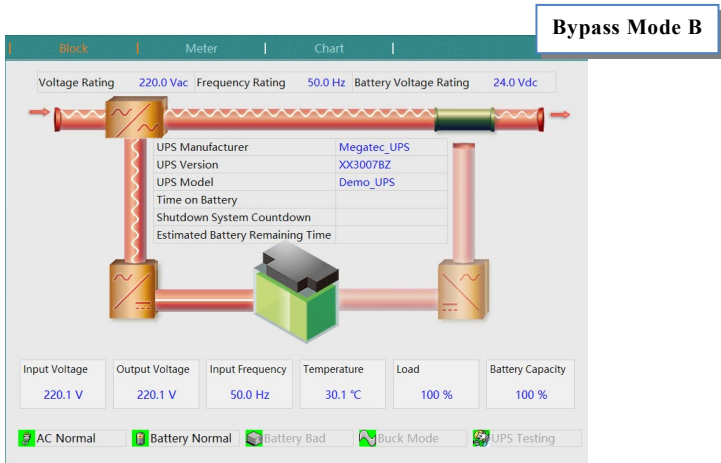


### AC Failure

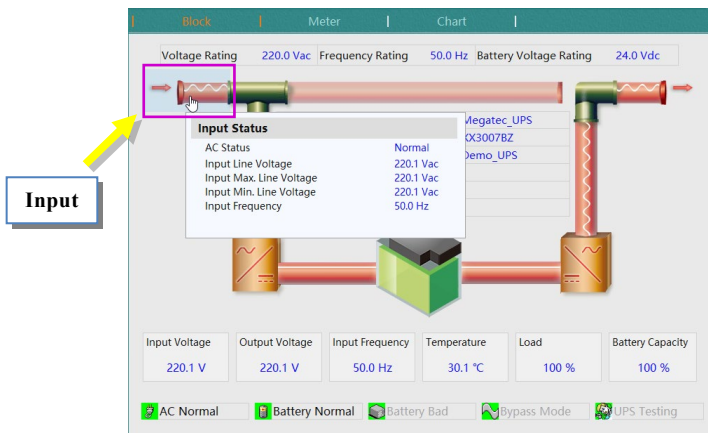


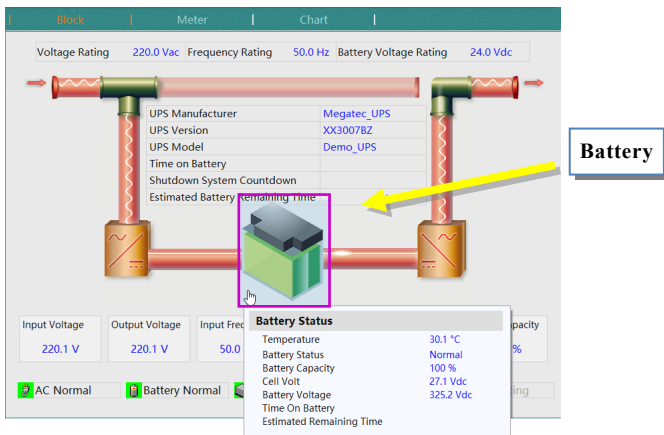
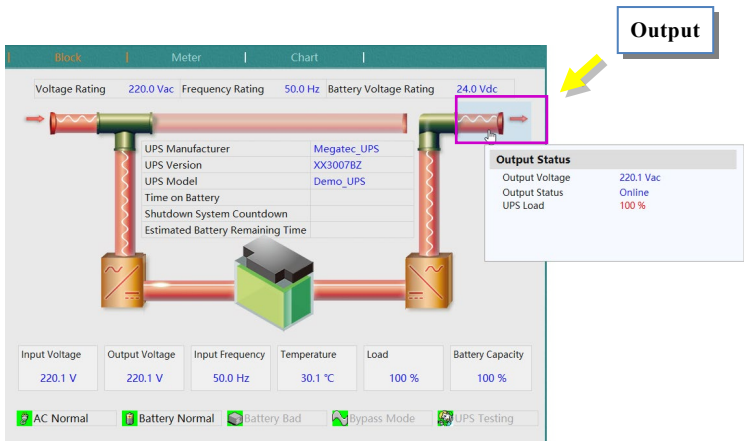
### Bypass Mode A





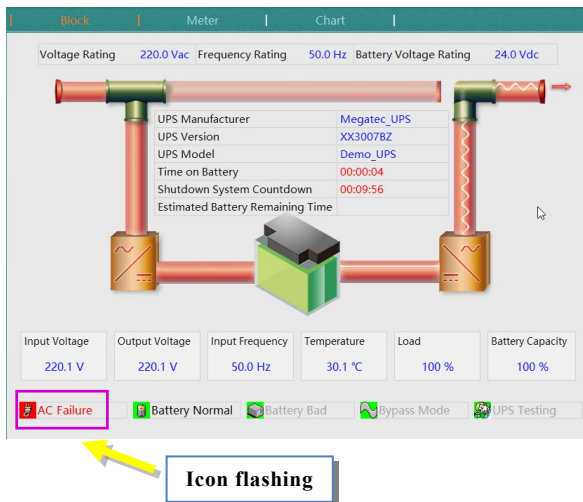
To view other detailed values, you only need to move the mouse to the input, output or battery areas, and the relevant information will be displayed immediately, as shown in the figure.





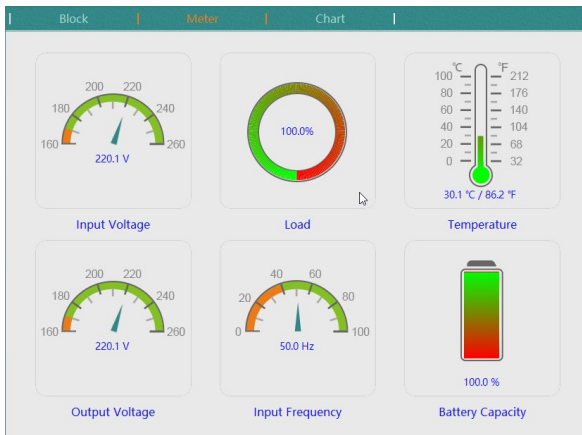
Users can also view here,

- a) Basic UPS information: Voltage Rating, Frequency Rating, Battery Voltage Rating, UPS Manufacturer, UPS Version and UPS Model.
- b) UPS status: whether AC is normal, whether the battery capacity is normal, battery status, bypass mode, UPS self-test and other information. When an abnormal state occurs here, the icon will flash to indicate it.
- c) Relevant battery information: Time on Battery, Shutdown System Countdown, Estimated Battery Remaining Time, etc.



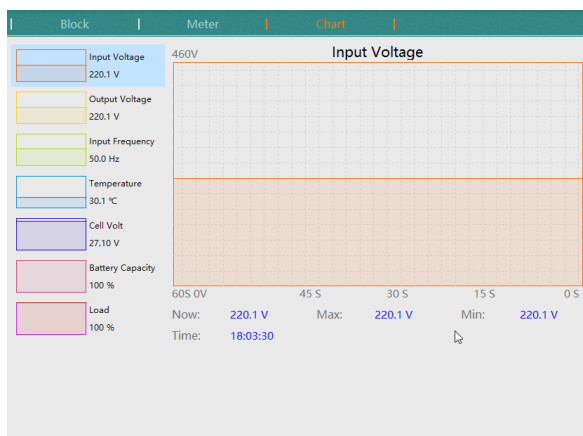
## B. Meter

Displays the current UPS Input Voltage, Output Voltage, Input Frequency, Load, Temperature, Battery Capacity and other key parameters in the form of a meter.



## C. Chart

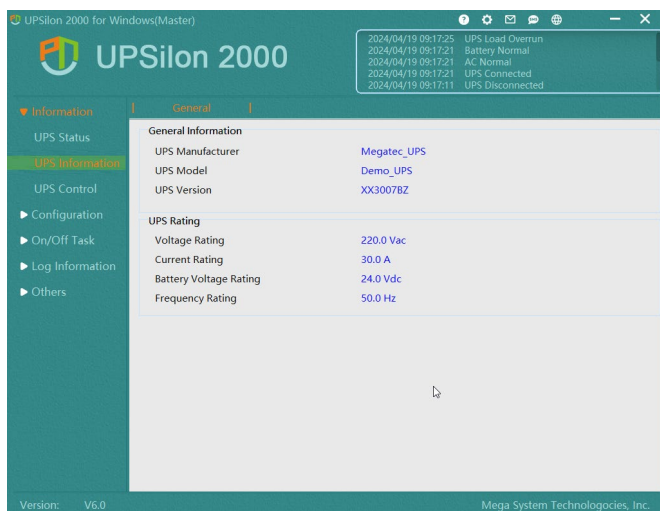
Displays the trend of key parameters such as Input Voltage, Output Voltage, Input Frequency, Load, Temperature, and Battery Capacity of the current UPS changes over time in the form of a meter.





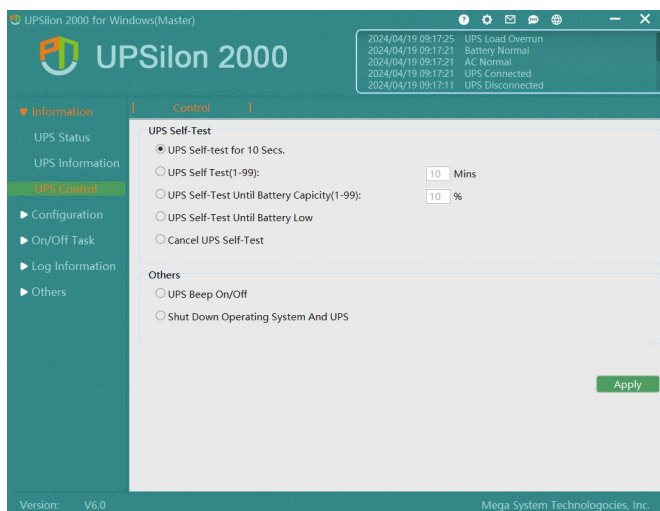
### 3.4.3.2. UPS Information

Here is a detailed display of UPS basic information, including UPS Manufacturer, UPS Model, and UPS Version; UPS rated information, covering Voltage Rating, Current Rating, Battery Voltage Rating, and Frequency Rating.



### 3.4.3.3. UPS Control

If you need to issue instructions directly to the UPS, please select the operation option you need to perform under this function, and then press [Apply].



### 3.4.3.4. Configuration

#### A. General

##### ◆ Communication Type:

To connect to your UPS normally, you first need to confirm the communication type between UPSilon and the UPS. To ensure that the communication type you select is accurate, it is recommended that you consult your UPS supplier directly for professional guidance. The type of communication with the UPS can be selected from the drop-down menu here.

##### ◆ Communication Port:

If you are using RS232 to connect to the UPS, and then confirm which RS232 port, the computer will use to connect to the UPS. UPSilon2000 will automatically detect all RS232 ports provided and opened on the computer motherboard.

General Settings

Communication Type: MegaTec(COM)

Communication Port:

Slave Password:

Confirm Slave Password:

Please keep your password properly or change UPSilon configuration. password cannot

☒ Record UPS Data Interval(2-600): 30 Secs

☒ Use Master/Slave to Shutdown

Slave Address

Configurations

Import External Settings File: Browse...

Export Settings to File: Save...

Save Log encoding: ANSI

Apply Reset

General | Warning Threshold

General Settings

Communication Type: MegaTec(COM)

Communication Port: COM1

Slave Password:

Confirm Slave Password:

Please keep your password properly or do not set it. Missing password cannot change UPSilon configuration.

☒ Record UPS Data Interval(2-600): 30 Secs

☒ Use Master/Slave to Shutdown

Slave Address

Configurations

Import External Settings File: Browse...

Export Settings to File: Save...

Save Log encoding: ANSI

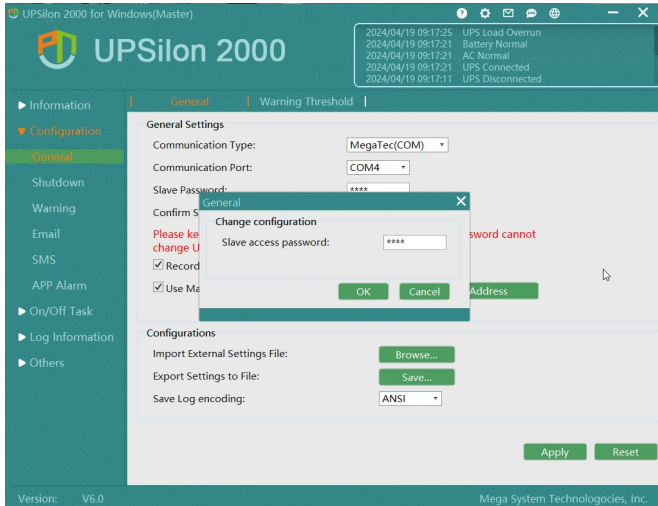
Apply Reset

Press [Apply] to take effect

#### ◆ Slave Password

A set of passwords can be set here. This set of passwords has the following two functions.

- 1) In the Master/Slave online mode, remote Slave access to the Master requires this password to establish a connection with the Master. This password can prevent unauthorized remote connection access. (Please refer to [P38](#) for Master/Slave online mode)
- 2) Prevent unauthorized modification of UPSilon parameter settings. Please note that if you lose this password, you will not be able to change the UPSilon configuration. Reinstalling the software can clear the password.



◆ Confirm Slave Password:

Confirm the slave access password again.

◆ Record UPS Data Interval

Set the interval for recording UPS input and output voltage, frequency, load, battery capacity, temperature and other data.

General | Warning Threshold

General Settings

Communication Type: MegaTec(COM)  
Communication Port: COM4  
Slave Password: \*\*\*\*  
Confirm Slave Password: \*\*\*\*

Please keep your password properly or do not set it. Missing password cannot change UPSilon configuration.  
☒ Record UPS Data Interval(2-600): 30 Secs  
☒ Use Master/Slave to Shutdown

Slave Address

Configurations

Import External Settings File: Browse...  
Export Settings to File: Save...  
Save Log encoding: ANSI

Apply Reset

The default interval is 30 seconds

UPSilon 2000 for Windows(Master)

UPSilon 2000

2024/04/19 09:17:25 UPS Load Overrun  
2024/04/19 09:17:21 Battery Normal  
2024/04/19 09:17:21 AC Normal  
2024/04/19 09:17:21 UPS Connected  
2024/04/19 09:17:11 UPS Disconnected

Information

Configuration

On/Off Task

Log Information

Event Log

Data Log

Self-test Log

Others

No.	Time	Input Volt	Output V...	Frequency	UPS Load	Temperature	Capacity	Cell Volt	Batter...
1	10:17:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
2	10:17:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
3	10:16:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
4	10:16:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
5	10:15:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
6	10:15:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
7	10:14:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
8	10:14:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
9	10:13:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
10	10:13:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
11	10:12:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
12	10:12:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
13	10:11:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
14	10:11:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
15	10:10:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
16	10:10:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
17	10:09:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
18	10:09:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
19	10:08:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
20	10:08:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
21	10:07:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
22	10:07:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
23	10:06:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
24	10:06:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
25	10:05:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
19	10:06:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
26	10:05:25	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V
27	10:04:55	220.1 V	220.1 V	50.0 Hz	100 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20 V

Log Date: 2024/04/19 10:04:55

Version: V6.0

The interval between two records is 30 seconds

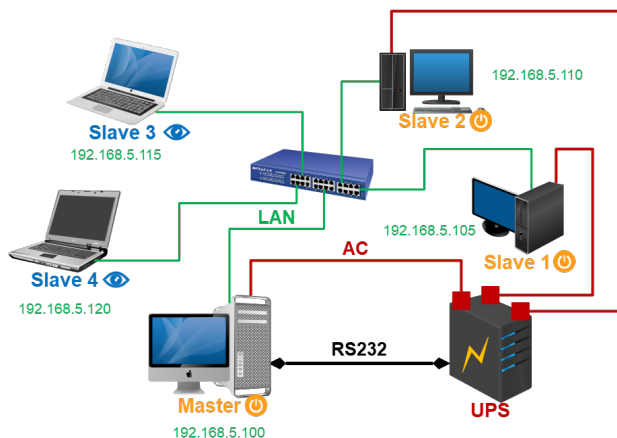
### ◆ Use Master/Slave to Shutdown

Enable shutdown mode => Computer hosts that do not have direct communication connections with the UPS can use this mode. As an UPSilon Slave device through the network, it communicates directly with the UPS through the Master host. Slave can also obtain UPS status messages and data logs remotely, or obtain automatic shutdown protection when there is an abnormality in the power supply.

Cancel the shutdown mode => Slave will not be able to connect to the Master, and the online Slave will disconnect.

### ◆ Slave Address:

When enabling the Master/Slave shutdown mode, please first set the IP address of the Slave computer that is allowed to connect on the Master computer. Up to four slave computers are allowed to connect; and each Slave computer also needs to set the IP address of the Master computer.



## 【Master Settings】

The screenshot shows the 'Master Settings' window with the 'General' tab selected. The interface includes sections for 'General Settings', 'Configurations', and 'Warning Threshold'. Annotations with yellow arrows point to specific fields and buttons, while a large blue arrow indicates the flow from the first state to the second.

**General Settings:**

- Communication Type: MegaTec(COM)
- Communication Port: COM1
- Slave Password: \*\*\*\*
- Confirm Slave Password: \*\*\*\*
- Please keep your password properly or do not set it. Missing password cannot change UPSilon configuration.
- ☒ Record UPS Data Interval(2-600): 30 Secs
- ☒ Use Master/Slave to Shutdown
- Slave Address: [Empty field]

**Configurations:**

- Import External Settings File: [Browse...]
- Export Settings to File: [Save...]
- Save Log encoding: ANSI
- [Apply] [Reset]

**Annotations for the first state:**

- Set Password:** Points to the 'Slave Password' field.
- Confirm password again:** Points to the 'Confirm Slave Password' field.
- Click to set the Slave address:** Points to the 'Slave Address' field.
- Check it to enable this shutdown mode:** Points to the 'Use Master/Slave to Shutdown' checkbox.

**Slave Address Dialog:**

A dialog box titled 'Slave Address' is shown, containing a 'Slave IP List' table:

Address 1:	Address 2:	Address 3:	Address 4:
192.168.5.105	192.168.5.110	192.168.5.115	192.168.5.120

Buttons: [OK] [Cancel]

**Annotations for the second state:**

- Complete settings:** Points to the 'Save...' button in the 'Configurations' section.
- Press Apply to take effect:** Points to the 'Apply' button at the bottom right.
- Please check the slave IP address first and fill in the slave IP address here. There can be up to four slaves.** Points to the 'Slave IP List' table.



## 【Slave Settings】

**UPSilon 2000 for Windows(Master)**

It remains the Master until the settings are completed.

Select Slave for UPS communication type

SLAVE(TCP/IP)

password cannot

Please keep your password properly or change UPSilon configuration.

Record UPS Data Interval(2-600): 30 Secs

Use Master/Slave to Shutdown

Set Master Address

Apply Reset

Version: V6.0 Mega System Technologies, Inc.

General Warning Threshold

General Settings

Communication Type: SLAVE(TCP/IP)

Communication Port: COM1

Slave Password: \*\*\*\*

Confirm Slave Password: \*\*\*\*

Please keep your password properly or do not set it. Missing password will change UPSilon configuration.

Record UPS Data Interval(2-600): 30 Secs

Use Master/Slave to Shutdown

Set Master Address

Configurations

Import External Settings File: Browse...

Export Settings to File: Save...

Save Log encoding: ANSI

Apply Reset

Please enter the same password as the one set by Master

Click to set Master address

**General Settings**

Communication Type: SLAVE(TCP/IP)

Communication Port: COM1

Slave Password: \*\*\*\*

Confirm Slave Password: \*\*\*\*

Please keep your password properly or do not set it. Missing password cannot change UPSilon configuration.

☒ Record UPS Data Interval(2-600): 30 Secs

☒ Use Master/Slave to Shutdown

**Configurations**

Import External Settings File: Browse...

Export Settings to File: Save...

Save Log encoding: ANSI

Buttons: OK, Cancel, Apply, Reset

**Please check the IP address of the Master computer and fill it in here**

**Complete settings**

**Press Apply to take effect**

**UPSilon 2000 for Windows(Slave)**

**General Settings**

Communication Type: SLAVE(TCP/IP)

Communication Port: COM1

Slave Password: \*\*\*\*

Confirm Slave Password: \*\*\*\*

Please keep your password properly or do not set it. Missing password cannot change UPSilon configuration.

☒ Record UPS Data Interval(2-600): 30 Secs

☒ Use Master/Slave to Shutdown

**Configurations**

Import External Settings File: Browse...

Export Settings to File: Save...

Save Log encoding: ANSI

Buttons: Set Master Address, Apply, Reset

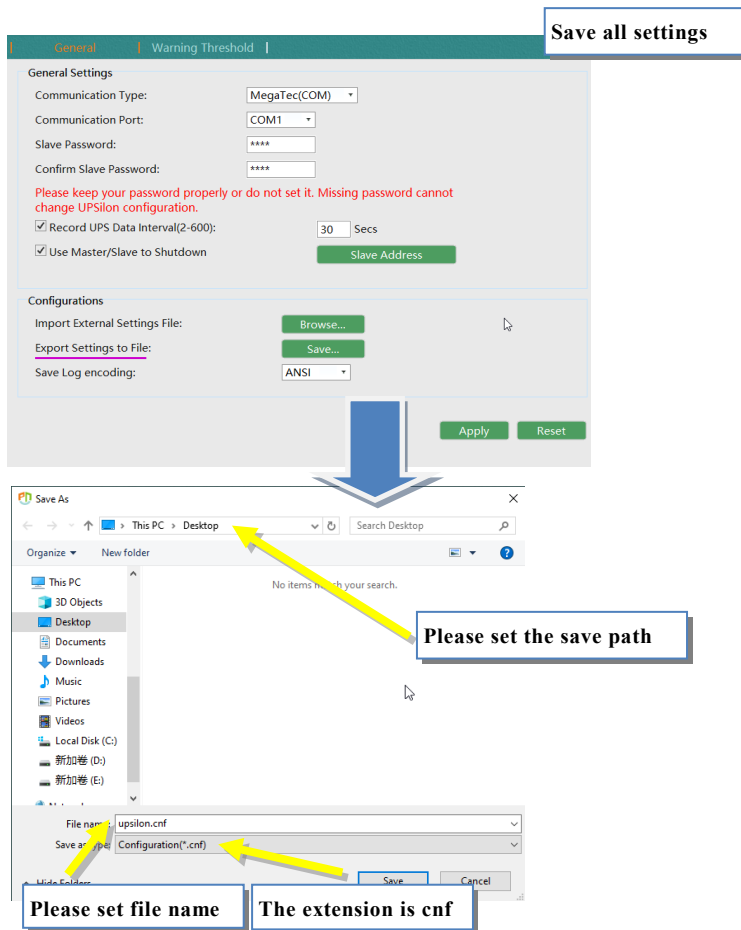
Status Log:

- 2024/04/19 11:16:22 UPS Disconnected
- 2024/04/19 09:17:25 UPS Load Overrun
- 2024/04/19 09:17:21 Battery Normal
- 2024/04/19 09:17:21 AC Normal
- 2024/04/19 09:17:21 UPS Connected

Version: V6.0 Mega System Technologies, Inc.

**The setting is completed and it becomes the Slave.**

- ◆ Import External Settings File:  
Load a previously saved settings file.
- ◆ Export Settings to File:  
Save the current settings to a file.



**Restore previously saved settings**

General Settings

Communication Type: MegaTec(COM) ▾

Communication Port: COM1 ▾

Slave Password: \*\*\*\*\*

Confirm Slave Password: \*\*\*\*\*

Please keep your password properly or do not set it. Missing password cannot change UPSilon configuration.

☒ Record UPS Data Interval(2-600): 30 Secs

☒ Use Master/Slave to Shutdown Slave Address

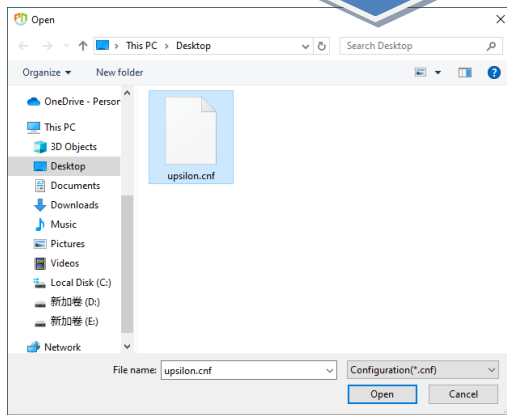
Configurations

Import External Settings File: Browse...

Export Settings to File: Save...

Save Log encoding: ANSI ▾

Apply Reset



### ◆ Save Log encoding

Users can customize the file encoding method used when saving “Event Log” and “Data Log”. If the content of the log file downloaded using the default encoding method is garbled, it is recommended to try switching to other encoding methods and download again.

The screenshot displays the 'General' configuration tab of the UPSilon interface. It is divided into two main sections: 'General Settings' and 'Configurations'.

**General Settings:**

- Communication Type: MegaTec(COM)
- Communication Port: COM1
- Slave Password: \*\*\*\*
- Confirm Slave Password: \*\*\*\*
- A red warning message states: "Please keep your password properly or do not set it. Missing password cannot change UPSilon configuration."
- ☒ Record UPS Data Interval(2-600): 30 Secs
- ☒ Use Master/Slave to Shutdown
- A green 'Slave Address' button is located to the right of the shutdown option.

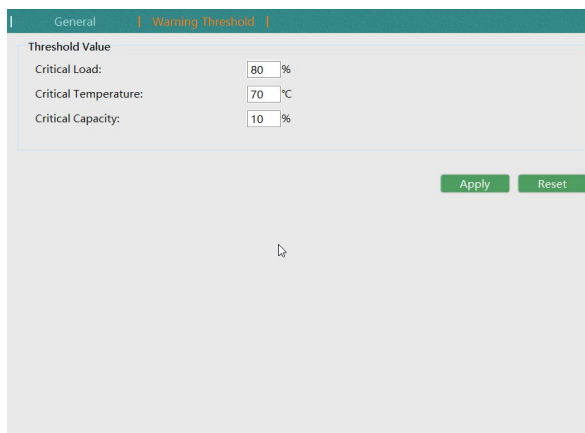
**Configurations:**

- Import External Settings File: Browse...
- Export Settings to File: Save...
- Save Log encoding: A dropdown menu is open, showing three options: 'ANSI' (highlighted), 'ANSI', and 'UTF-8'.

At the bottom right, there are 'Apply' and 'Reset' buttons.

## B. Warning Threshold

Here set the warning thresholds for UPS load, temperature and battery capacity. It closely related to the email, SMS and App alarm functions. Once the load, temperature or battery capacity of the UPS reaches or exceeds the critical value, the software will trigger the relevant alarm mechanism.



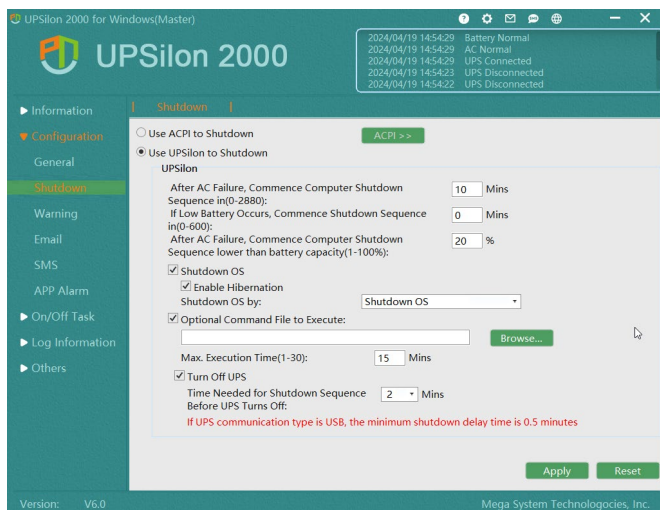
The image shows a software window titled "Warning Threshold" with a teal header bar. The header bar contains two tabs: "General" and "Warning Threshold", with the latter being the active tab. Below the header, the window has a light gray background. A section titled "Threshold Value" is highlighted with a light blue border. Inside this section, there are three rows of configuration options: "Critical Load:" with a text input field containing "80" and a "%" symbol; "Critical Temperature:" with a text input field containing "70" and a "°C" symbol; and "Critical Capacity:" with a text input field containing "10" and a "%" symbol. Below the "Threshold Value" section, there are two green buttons labeled "Apply" and "Reset". A mouse cursor is visible near the bottom center of the window.

Threshold Value	
Critical Load:	80 %
Critical Temperature:	70 °C
Critical Capacity:	10 %

Apply Reset

### 3.4.3.5. Shutdown

When the software detects a shutdown signal, the computer should execute the shutdown or hibernation function, as well as the UPS shutdown function. Users can choose whether to perform these functions based on actual needs to ensure that the computer and UPS can operate in the preset manner when the UPS power supply is abnormal or the system needs to be shutdown.



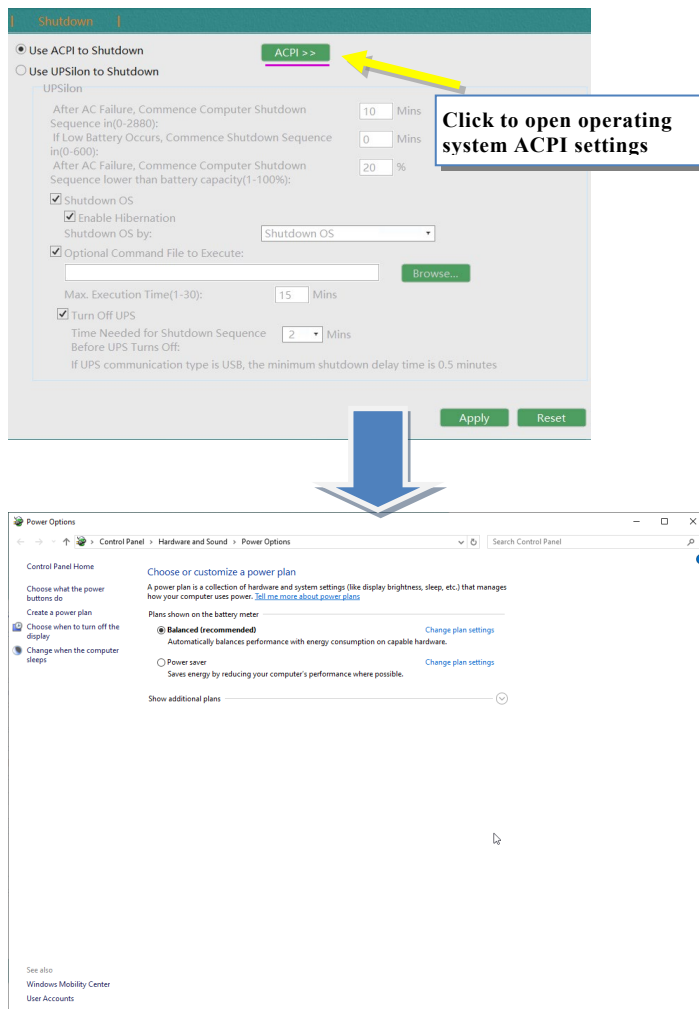
#### ◆ Use ACPI to Shutdown

Enable the ACPI power management function of Windows system to shut down.

#### ◆ Use UPSilon to Shutdown

Enable UPSilon 2000's shutdown conditions to shut down.

*You can only choose one of the two shutdown functions above.*





The screenshot shows the 'Shutdown' configuration window. At the top, there are two radio buttons: 'Use ACPI to Shutdown' and 'Use UPSilon to Shutdown'. The 'Use UPSilon to Shutdown' option is selected. Below this, there is a 'Shutdown OS' dropdown menu with 'Shutdown OS' and 'Hibernation' as options. The 'Shutdown OS' option is currently selected. To the right of the dropdown, there is a green button labeled 'se...'. Two yellow arrows point to the dropdown menu and the 'se...' button. A text box on the right says 'Set UPS status conditions and time points when shutting down the computer system'. Another text box at the bottom right says 'Select the execution method of computer system shutdown: Shutdown or hibernation'.

**Set UPS status conditions and time points when shutting down the computer system**

**Select the execution method of computer system shutdown: Shutdown or hibernation**

When selecting [UPSilon Shutdown] mode, please set the following shutdown conditions

◎ **After AC Failure, Commence Computer Shutdown Sequence in (0-2880):**

Set the time that the battery can maintain system operation after AC Failure. Please refer to the instructions in the UPS hardware manual or contact the UPS manufacturer first.

*Setting range: 0 ~ 2880 minutes. Default value: 10 minutes*

◎ **If Low Battery Occurs, Commence Shutdown Sequence in (0-600):**

Set the time that the UPS can maintain system operation when the battery capacity is low. It is recommended that the smaller the value, the better.

*Setting range: 0 ~ 600 minutes. Default: 0 minutes*

◎ **After AC Failure, Commence Computer Shutdown Sequence lower than battery capacity(1-100%):**

Set to start shutting down the computer when the battery capacity is lower than this capacity.

*Setting range: 1 ~ 100%. Default value: 20%*

◎ **Shutdown OS:**

Set whether to shut down your own operating system. The shutdown method can select: shutdown or hibernation

(if you want the hibernation option, please check "Enable Hibernation" first)

◎ **Optional Command File to Execute:**

It is up to the user to set the name of the program to execute before the computer system is shut down. (Please enter the complete path and file name)

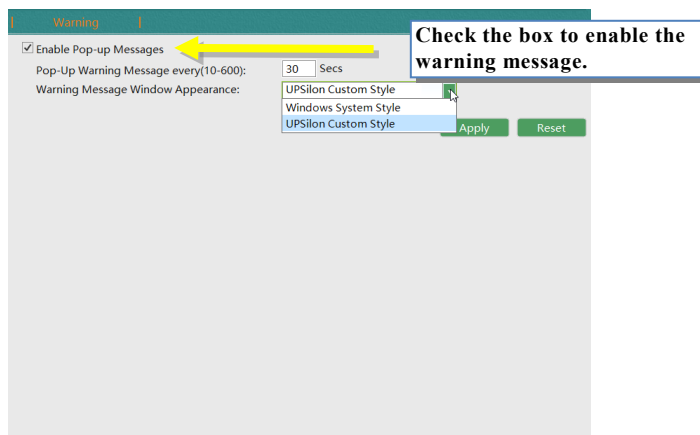
*Note: If you execute a program that cannot exit automatically, it will cause the Windows system and UPS to fail to shut down.*

◎ **Turn Off UPS:**

Set to turn off the UPS output.

*Note: When the power of computer system and UPS turned off, do not cut off the power switch, otherwise the UPS and computer will not be able to turn on the warning message automatically when the mains power restore.*

### 3.4.3.6. Warning



#### ◆ Enable Pop-up Messages

When UPSilon detects events such as UPS disconnection/connection, AC failure, or UPS battery low level, whether to display a warning message in the lower right corner of the screen to notify the user.

#### ◎ Pop-Up Warning message every (10-600):

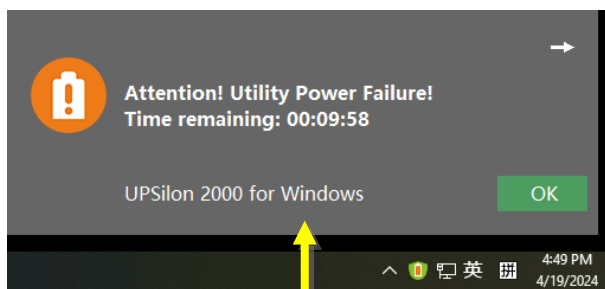
When AC failure, UPS battery is low, or UPS is scheduled to shutdown, the program displays a countdown warning message which pops up at this set time interval.

*Setting range: 10 ~ 600 seconds. Default: 30 seconds*

#### ◎ Warning Message Window Appearance:

Windows system style and software customization style can select. This window is a floating window and will not interrupt the user's view interaction with UPSilon or other software.

*After the window pops up, it will automatically close after about 5-8 seconds.*



UPSilon customization style

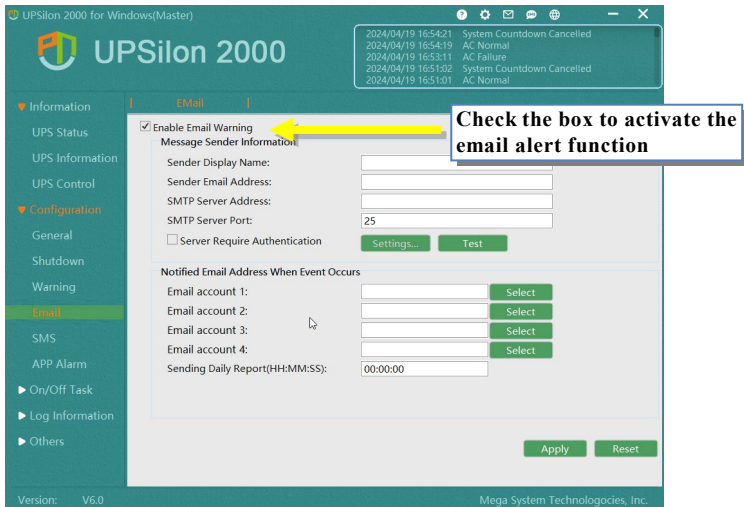
Windows system style



### 3.4.3.7. Email

#### ◆ Enable Email Warning:

Set up warning messages for all or any of events detected by UPSilon, and send it to the system management via email.



◎**Sender Display Name:** Set the name of the "sender" of the email.

◎**Sender Email Address:** Set the sender's email address for sending emails.

◎**SMTP Server Address:** Set SMTP mail server address: IP or domain name (for example: 210.71.130.1 or megatec.com.tw) (please refer to the official instructions for using email)

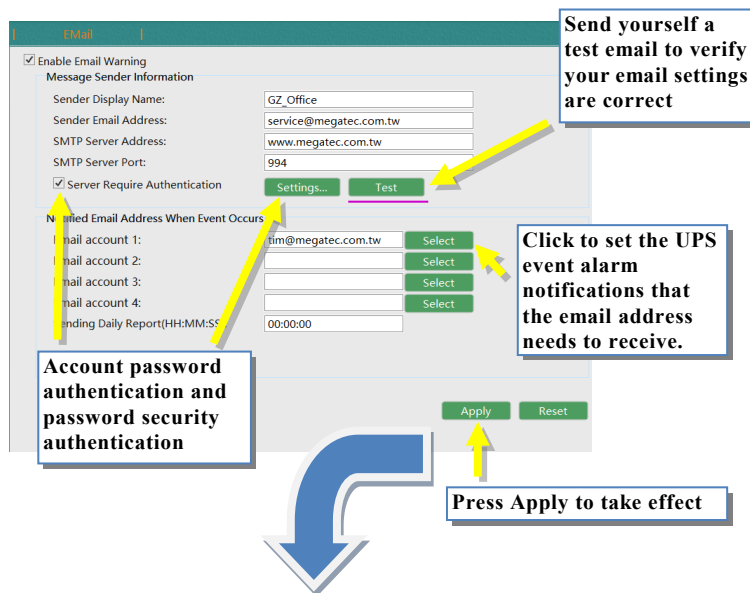
◎**SMTP Server Port:** Set the SMTP mail server port.

◎**Server Require Authentication:** Some mail servers require password authentication, which users can set here.

◎**Test:** After you have finished setting the email, you can click this button to send a test email to determine whether the email settings are correct.

◎**Notified Email Address When Event Occurs:** Here set the recipient email address to receive alert emails. Four email addresses can be set, and each email address can customize to set which UPS events it needs to receive.


*UPS events include AC Failure / UPS Battery Low / AC Power Restored ...*



Select UPS Event ✕

UPS Events	Yes	No
Scheduled Shutdown Warning	<input checked="" type="radio"/>	<input type="radio"/>
UPS Failure	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Test mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Sleeping mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Boost/Buck mode	<input checked="" type="radio"/>	<input type="radio"/>
UPS Load Overrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS Disconnected	<input checked="" type="radio"/>	<input type="radio"/>
UPS Turn Off	<input checked="" type="radio"/>	<input type="radio"/>
AC Failure	<input checked="" type="radio"/>	<input type="radio"/>
UPS Battery Low	<input checked="" type="radio"/>	<input type="radio"/>
UPS Temperature Overrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS Capacity Underrun	<input checked="" type="radio"/>	<input type="radio"/>
UPS entering Bypass mode	<input checked="" type="radio"/>	<input type="radio"/>
AC Power Restored	<input checked="" type="radio"/>	<input type="radio"/>
Recovered from Battery Low	<input checked="" type="radio"/>	<input type="radio"/>
Scheduled Shutdown Aborted	<input checked="" type="radio"/>	<input type="radio"/>
UPS Connected	<input checked="" type="radio"/>	<input type="radio"/>
System shutdown	<input checked="" type="radio"/>	<input type="radio"/>
System hibernation	<input checked="" type="radio"/>	<input type="radio"/>
Daily Report	<input checked="" type="radio"/>	<input type="radio"/>

Select All Clear All Apply



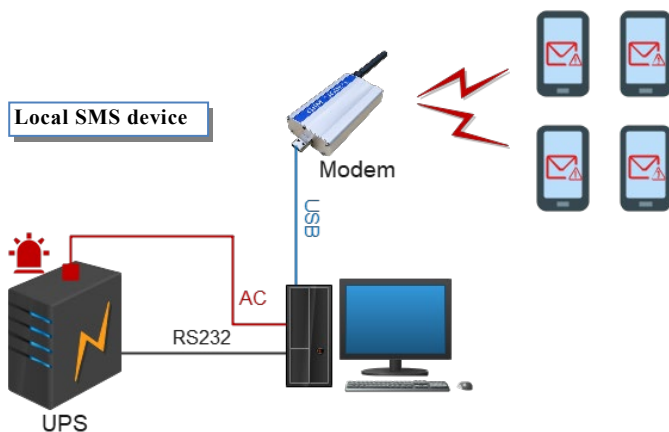
**Press Apply to take effect**

### 3.4.3.8. SMS

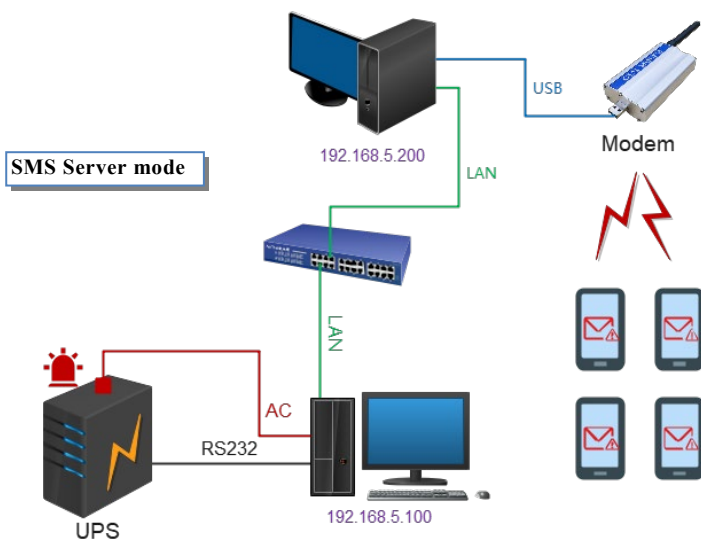
#### ◆ Enable SMS Notification

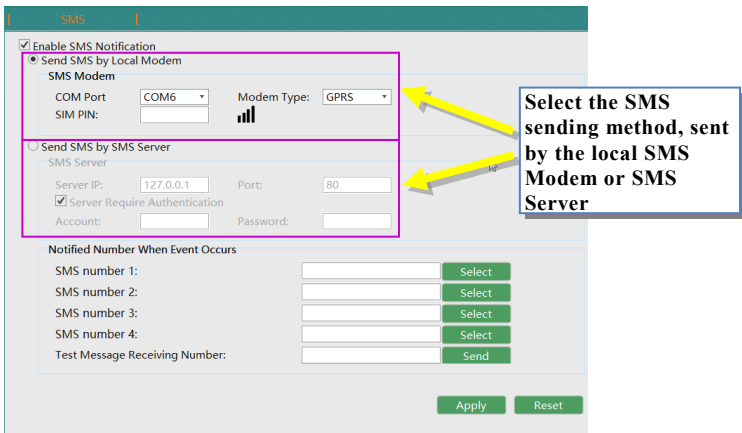
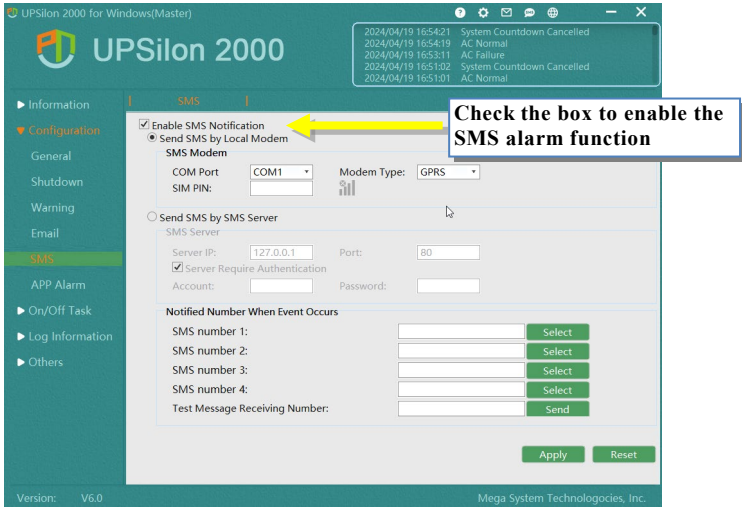
Set up alarms detected by UPSilon to be notified to system management via mobile phone text messages.

You can send text messages through the local SMS device (GPRS/CDMA MODEM) or SMS SERVER mode.









### ◆ Send SMS by Local Modem:

Set the COM (cluster communication) Port, Modem Type, and SIM PIN code (if the SIM has been set previously) to which the device connect.

### © Modem Information:

Move the mouse to the "Signal" icon to view the currently connected modem information.

**Set your SMS device connection port location and SMS device type**

**SMS**

☒ Enable SMS Notification

☒ Send SMS by Local Modem

**SMS Modem**

COM Port:

Modem Type:

SIM PIN:

☐ Send SMS by SMS Server

**SMS Server**

Server IP:

☒ Server Require Authentication

Account:

**Notified Number When Event Occurs**

SMS number 1:

SMS number 2:

SMS number 3:

SMS number 4:

Test Message Receiving Number:

**Modem Information**

Connection Status	Connected
SIM Status	Normal
Modem Type	GPRS
Telecom Operator	
Signal Quality	99%
SMS Center	8613800200500
Manufacturer	SIEMENS
Modem Model	MC39i
Firmware	REVISION 02.00

### ◆ Send SMS by SMS Server:

SMS messages can send through the SMS server. Users can set the SMS server address, port, whether to enable “Server Requires Authentication”, user name and password.

### ©Notified Number When Event Occurs:

Set the mobile phone number to receive SMS here. Four SMS numbers can be set, and each SMS number can customize to receive UPS events.

*UPS event: Same as the above “Email” event.*

### ◎Test Message Receiving Number:

After the settings for sending text messages are completed, you can enter the mobile phone number for receiving test SMS here, and then press “Send” to determine whether the current SMS settings are correct.

To set the SMS server IP and port number, please consult the network administrator.

The screenshot shows the 'SMS' configuration page. At the top, there are two radio buttons: 'Enable SMS Notification' (checked) and 'Send SMS by Local Modem' (unchecked). Below these are fields for 'COM Port' (set to COM6) and 'Modem Type' (set to GPRS). A signal strength indicator is also present. A yellow arrow points from the text box above to the 'Send SMS by SMS Server' section. This section is highlighted with a pink box and contains fields for 'Server IP' (192.168.5.2), 'Port' (80), and a checked 'Server Require Authentication' option. Below these are fields for 'Account' (tim) and 'Password' (\*\*\*\*\*). Another yellow arrow points from the text box on the right to the 'Password' field. Below the pink box, there is a section titled 'Notified Number When Event Occurs' with four rows for 'SMS number 1' through 'SMS number 4'. The first row has the number 861390000000 and a 'Select' button. The other three rows have empty fields and 'Select' buttons. At the bottom, there is a 'Test Message Receiving Number:' field with an empty input box and a 'Send' button. At the very bottom of the page are 'Apply' and 'Reset' buttons.

Send SMS by SMS Server

Server IP: 192.168.5.2 Port: 80

☒ Server Require Authentication

Account: tim Password: \*\*\*\*\*

Notified Number When Event Occurs

SMS number 1: 861390000000 Select

SMS number 2: Select

SMS number 3: Select

SMS number 4: Select

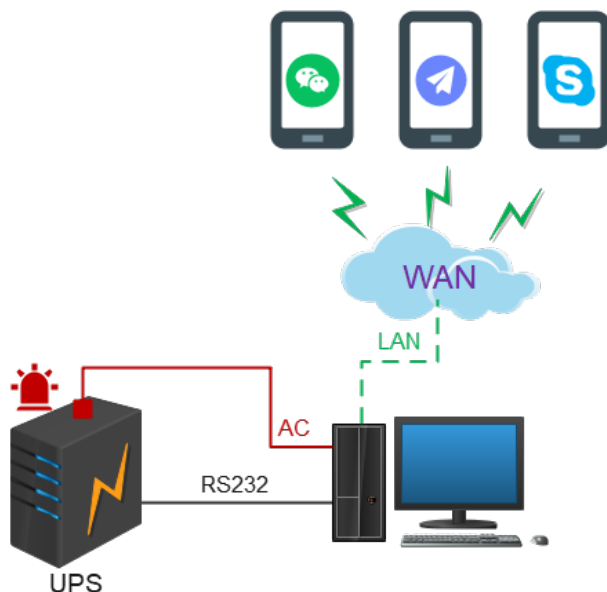
Test Message Receiving Number: Send

Apply Reset

If SMS server requires authentication, please set it here.

### 3.4.3.9. APP Alarm

When an event occurs in the UPS, UPSilon will send an alarm message through the instant messaging APP. Supported instant messaging APPs: WeChat, Telegram and Skype.



## A. WeChat

**UPSilon 2000 for Windows(Master)**

**UPSilon 2000**

Information | **WeChat** | Telegram | Skype

UPS Status  
UPS Information  
UPS Control  
Configuration  
General  
Shutdown  
Warning  
Email  
SMS  
**APP Alarm**  
On/Off Task

**WeChat Settings**

Use phone WeChat to scan the QR code on the left and join us, then input your phone number and click test to send test message. If you have not received message, please scan the QR code again to join us. If you can receive message, then the setting is correct.

2024/04/22 09:41:56 Found SIM Card Successfully.  
2024/04/22 09:41:46 Battery Normal  
2024/04/22 09:41:46 AC Normal  
2024/04/22 09:41:46 UPS Connected  
2024/04/22 09:18:28 UPS Load Overrun

**Fill in the mobile phone number associated with WeChat to receive test messages.**

**Check the box to enable WeChat sending alarm function**

**Use WeChat APP to scan the QR code and follow MEGA&NetAgent Enterprise WeChat.**

**Fill in the mobile phone number associated with WeChat and set the UPS events to receive**

### ◆ WeChat Settings

Please follow the steps on the page to follow the enterprise WeChat account and test the WeChat account.

### ◎(Test) WeChat ID:

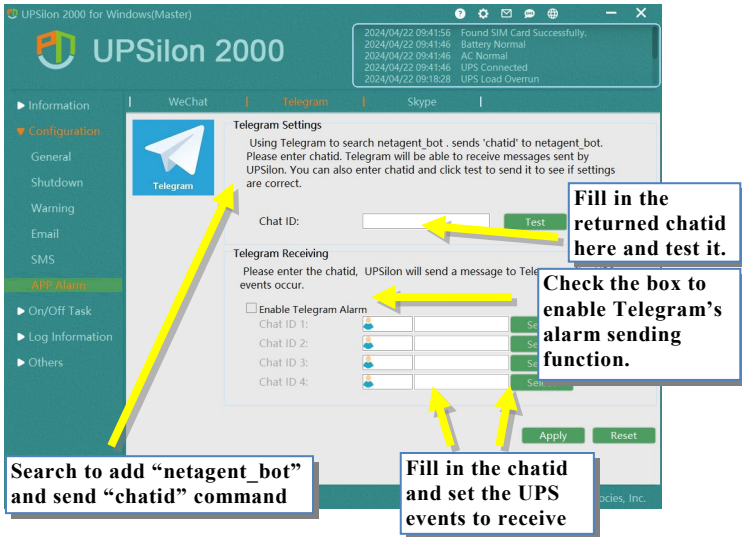
Here is to verify whether the WeChat account associated with the mobile phone number has successfully followed the MEGA&NetAgent enterprise WeChat account.

### ◆ WeChat Receiving

Set the events detected by UPSilon to notify to the preset WeChat account by sending WeChat messages. Four receiving WeChat accounts can be set, and each WeChat account can customize to set the UPS events that need to receive.

*UPS event: Same as the above “Email” event.*

## B. Telegram



### ◆ Telegram Settings

Please follow the steps on the page, use Telegram to search and add “netagent\_bot”, and test whether it has set up successfully.

### ◎(Test) Chat ID:

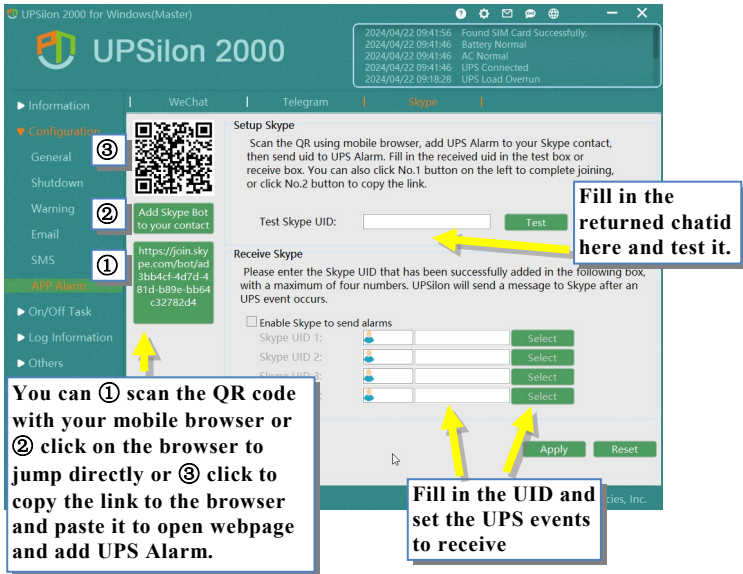
Here you can verify that the Chat ID has been set correctly.

### ◆ Telegram Receiving

Set the events detected by UPSilon to notify the preset Chat ID by sending Telegram messages. Four receiving Chat IDs can be set. Each Chat ID can customize the UPS events that need to receive.

*UPS event: Same as the above “Email” event.*

## C. Skype



### ◆ Skype Settings

Follow the page prompts, choose one of the three methods to add UPS Alarm, and test whether the setting is successful.

### ◎(Test) Skype UID:

Here you can verify that the Skype UID has been set correctly.

### ◆ Skype Receiving

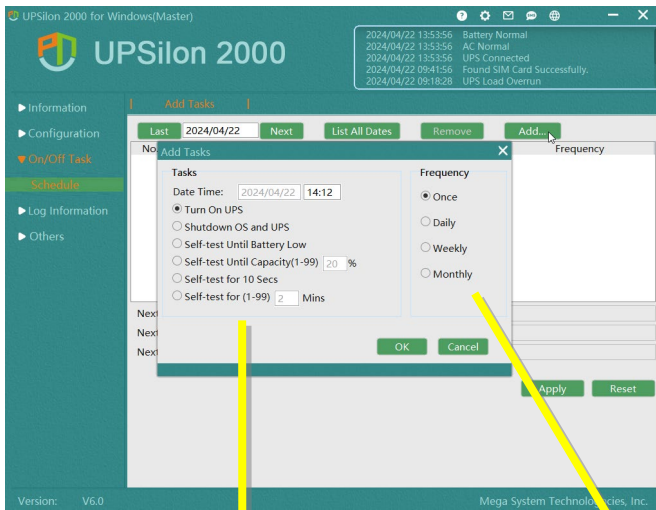
Set the events detected by UPSilon to notify the preset Skype UID by sending Telegram messages. Four receiving Skype UIDs can be set. Each Skype UID can customize the UPS events that need to receive.

*UPS event: Same as the above "Email" event.*



### 3.4.3.10. Schedule

UPSilon supports the setting of one-time, daily, weekly, and monthly automatic tasks, including turn on UPS, shutdown OS (operating system) and UPS, and performing self-tests. These functions do not require specialized management, allowing the UPS to realize automatic scheduled power on and off and self-test.



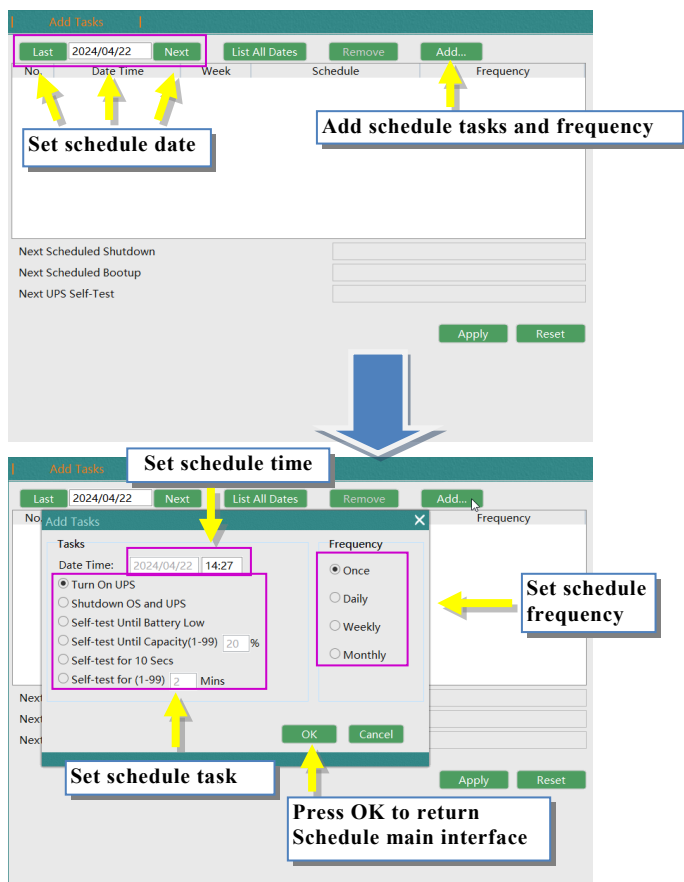
#### ◎Add Tasks:

- Turn On UPS
- Shutdown OS and UPS
- Self-test Until Battery Low
- Self-test Until Capacity n (1-99)%
- Self-test for 10 seconds
- Self-test for n (1-99) minutes

#### ◎Frequency

- Once
- Daily
- Weekly
- Monthly

**Setting method:** First set the schedule date, then click [Add] to enter the schedule setting interface of [Add Tasks]. After setting [Task] and [Frequency] respectively, press the [OK] button to return to the Add Tasks main interface. In the schedule main interface, you can see the newly added work schedule.



If you need to add other work schedules, please repeat the above steps.

After adding, please press the [Apply] button to save the setting value; if you want to delete the set schedule, please click to select the item first, and then press the [Remove] button.

**Successfully added to schedule**

No.	Date Time	Week	Schedule	Frequency
1	2024/04/22 03:37 AM	Mon.	Shutdown OS And	Weekly
2	2024/04/22 09:38 PM	Mon.	Turn On UPS	Weekly
3	2024/04/22 04:38 AM	Mon.	Self-test for 10 Sec	Monthly
4	2024/04/22 02:38 PM	Mon.	Self-test for 10 Sec	Once

**Select this item and click Remove schedule**

Next Scheduled Shutdown: 2024/04/29 03:37 AM  
 Next Scheduled Bootup: 2024/04/22 09:38 PM  
 Next UPS Self-Test: 2024/05/22 04:38 AM

**Summary display of operating system operating time and UPS self-test time**

**After adding, please click Apply to save**

Each time a schedule added, UPSilon will summarize and display the next time to shutdown or restart the operating system, as well as the UPS self-test time, in the area under the schedule list.

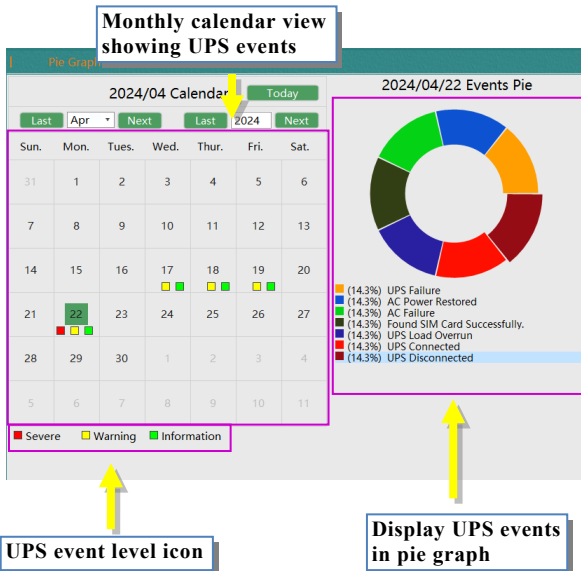
### 3.4.3.11. Event Log

It used to record events that occur in the UPS. The recorded content covers the date, specific time, level of the event, and specific content of the event, providing users with comprehensive UPS event information.

#### A. Pie Graph

The left side of the page displays the UPS events recorded throughout the month in a monthly calendar view, and the right side displays the levels distribution of UPS events recorded on the current day or a selected day in a pie graph.

*Levels divide into Severe, Warning and Information.*



## B. Event List

This page displays all UPS events for the current month or selected month. The date, time, level and specific content of each event list in detail on the page.

In addition, in the lower right corner, you can execute [Refresh] UPS events of this month, [Save] UPS events of this month, and [Delete] UPS events of this month.

*If the downloaded log file is garbled, please switch the log encoding on the “General” setting page, and then save and download it.*

Pie Graph

Event List

LastAprNext

Last2024Next

No.	Date	Time	Severity	Description
1	2024/04/22	03:01:37 PM	Severe	UPS Failure
2	2024/04/22	03:01:31 PM	Information	AC Power Restored
3	2024/04/22	03:01:25 PM	Warning	AC Failure
4	2024/04/22	09:41:56 AM	Information	Found SIM Card Successfully.
5	2024/04/22	09:18:28 AM	Warning	UPS Load Overrun
6	2024/04/22	09:18:20 AM	Information	UPS Connected
7	2024/04/22	09:09:32 AM	Warning	UPS Disconnected
8	2024/04/19	06:01:08 PM	Warning	UPS Disconnected
9	2024/04/19	04:54:19 PM	Information	AC Power Restored
10	2024/04/19	04:53:11 PM	Warning	AC Failure
11	2024/04/19	04:51:01 PM	Information	AC Power Restored
12	2024/04/19	04:49:50 PM	Warning	AC Failure
13	2024/04/19	04:49:24 PM	Information	AC Power Restored
14	2024/04/19	04:49:16 PM	Warning	AC Failure
15	2024/04/19	04:49:06 PM	Information	AC Power Restored
16	2024/04/19	04:48:54 PM	Warning	AC Failure
17	2024/04/19	04:48:40 PM	Warning	UPS Load Overrun
18	2024/04/19	04:48:38 PM	Information	UPS Connected
19	2024/04/19	04:19:45 PM	Warning	UPS Disconnected
20	2024/04/19	04:19:37 PM	Information	UPS Connected
21	2024/04/19	04:19:19 PM	Warning	UPS Disconnected
22	2024/04/19	04:19:09 PM	Information	UPS Connected
23	2024/04/19	04:16:44 PM	Warning	UPS Disconnected
24	2024/04/19	04:16:30 PM	Information	UPS Connected
25	2024/04/19	04:15:20 PM	Warning	UPS Disconnected

Last123Next

RefreshSaveDelete

Actions that can perform on UPS events in the current month

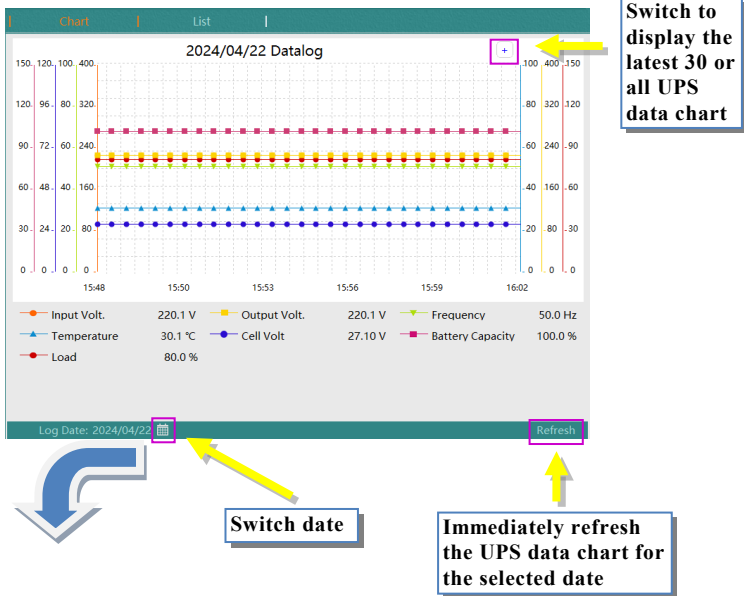
### 3.4.3.12. Data Log

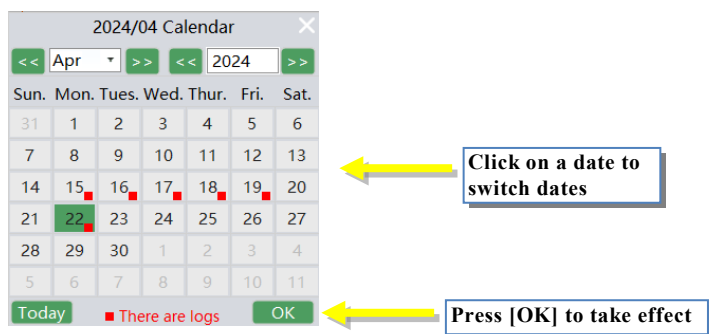
UPS data records Input Voltage, Output Voltage, (input) Frequency, UPS Load, (internal) Temperature, (battery) Capacity, Cell Voltage and Battery Voltage.

*The recording interval can change in the function selection area “General”.*

#### A. Chart

By default, the page displays the latest 30 UPS data chart on the current date. The user can switch to other dates to view the UPS data chart of the corresponding date, or choose to display all UPS data chart on that date. In addition, users can immediately refresh the UPS data chart display.





## B. List

This page displays all UPS data for the current day or selected date. The page details the recording time, input voltage, output voltage, input frequency, UPS load, internal temperature, battery capacity, cell voltage and battery voltage of each UPS data.

In addition, in the lower right corner, you can execute [Refresh] the UPS data of this date, [Save] the UPS data of this date and [Delete] the UPS data of this date.

*If the downloaded log file is garbled, please switch the log encoding on the "General" setting page, and then save and download it.*

Chart		List							
No.	Time	Input Volt.	Output V...	Frequency	UPS Load	Temperature	Capacity	Cell Volt	Batter...
1	16:33:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
2	16:33:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
3	16:32:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
4	16:32:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
5	16:31:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
6	16:31:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
7	16:30:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
8	16:30:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
9	16:29:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
10	16:29:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
11	16:28:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
12	16:28:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
13	16:27:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
14	16:27:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
15	16:26:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
16	16:26:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
17	16:25:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
18	16:25:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
19	16:24:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
20	16:24:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
21	16:23:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
22	16:23:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
23	16:22:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
24	16:22:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
25	16:21:58	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
26	16:21:28	220.1 V	220.1 V	50.0 Hz	80 %	30.1 °C/86.2 °F	100 %	27.10 V	325.20
Log Date: 2024/04/22		Last		Next		Refresh		Save	



Switch date

Actions that can perform on UPS data log in the current day

2024/04 Calendar

<< Apr >> << 2024 >>

Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
31	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	1	2	3	4
5	6	7	8	9	10	11

Today ■ There are logs OK

Click on a date to switch dates

Press [OK] to take effect



### 3.4.3.13. Self-Test Log

On the left side of the page, you can clearly see whether there is a UPS self-test log in the current month.

The upper right side of the page displays all records of the UPS self-test that have performed, detailing the test date and time, record duration/number of records. When you select any test record, the corresponding curve graph will generate and display on the lower right side of the page.

Based on the selected UPS self-test record, UPSilon will estimate and display at the bottom of the page, under the current UPS capacity (or fully charged) and current load conditions, the remaining time that the UPS can maintain power supply once the utility power fails.

*The No. of the UPS self-test record is in red font and marked with \*, which means that UPSilon is currently using this test record as a reference record.*

The screenshot shows the 'Self-Test Log' interface. On the left is a calendar for April 2024. A red square on April 22nd is annotated with 'Click to select this test record as a reference for estimation'. To the right is a table of test records. The first record is highlighted with a red '2\*' in the 'No.' column, annotated with 'Click to switch to display the curve graph of another test record'. Below the table is a line graph titled 'Self-test curve(2024/04/22 16:56:17)' showing Capacity(%) and Load(%) over time. At the bottom, there are buttons for 'Apply', 'Refresh', and 'Delete'. A note at the bottom states: 'There is a self-test log on that day. If the loading stays on the current level(100%), when battery is fully charged, UPS could supply power about 00:11:35. If battery is in current condition, UPS could supply about 00:11:35.' Annotations point to the 'Refresh' and 'Delete' buttons with the text '[Refresh] all UPS self-test records' and '[Delete] selected UPS self-test records'.

**Self-Test Log**

2024/04 Calendar

Last Apr Next Last 2024 Next

Sun.	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
31	1	2	3	4	5	6
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

**UPS Self-test Record**

No.	Date Time	Duration/Number	Cu...
1	2024/04/22 16:56:17	00:03:36/0090	
2*	2024/04/22 16:51:08	00:03:45/0092	

**Self-test curve(2024/04/22 16:56:17)**

Capacity(%) Load(%)

100 100 120 120 100 100 80 80 60 60 40 40 20 20 0 0

Secs 108 Secs 216 Secs

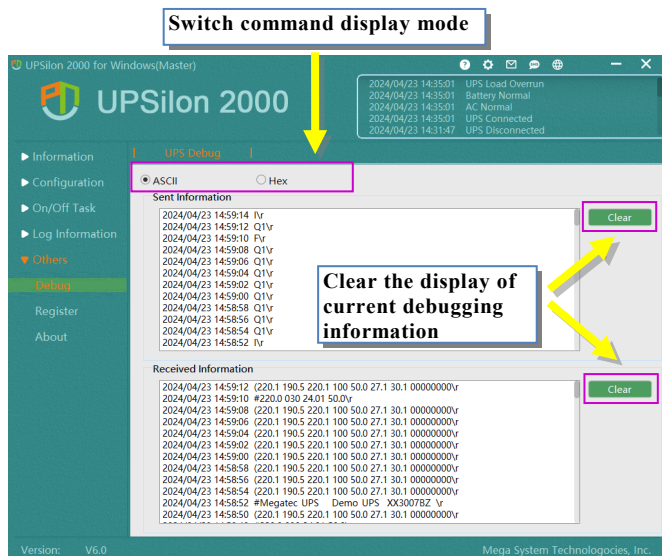
Apply Refresh Delete

There is a self-test log on that day.  
If the loading stays on the current level(100%), when battery is fully charged, UPS could supply power about 00:11:35. If battery is in current condition, UPS could supply about 00:11:35.

**[Refresh] all UPS self-test records**  
**[Delete] selected UPS self-test records**

### 3.4.3.14. Debug

This page displays the communication content of the communication between UPSilon and UPS, aiming to provide users with a convenient debugging experience and facilitate troubleshooting and resolution.



### 3.4.3.15. Register

This software is a paid software carefully developed by our company. Thank you very much for your respect and support for our copyright. Your trust and recognition are the driving force for our continuous progress.

*In order to ensure that UPSilon can use normally, please register online within 30 days after the software install. Thank you for your cooperation and support!*

Software registration status includes:

Status	Explanation	Shutdown Function
Trial	After the installation is complete, if you have not yet registered online, you can try UPSilon for 30 days.	Enabled
Expire	The 30-day UPSilon trial has ended and you have not registered yet. <i>You can register again. Once successful, UPSilon will never expire.</i>	Disabled
Never	UPSilon has successfully registered or the update registration has been successful.	Enabled
Abnormal	<u>Situation 1</u> : Multiple computers installed with the same serial number: Just update the register on one of the computers, and UPSilon will never expire after success.  <u>Scenario 2</u> : Software files damaged. Just reinstall the software and register online.	Disabled

## A. Register

This page displays the registration information and registration form for UPSilon. You can also check your “Expire”(registration status) and quickly register or update your registration here.

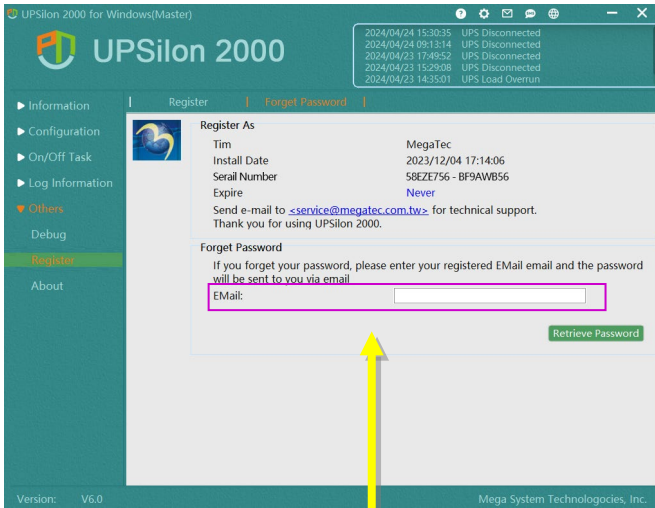
**Registration form:**  
**Serial Number, Email, Password.**

*Please remember the Email and Password you used to register here. They are required when updating the UPSilon registration after reinstalling the operating system or changing computers.*

*If registration is unsuccessful multiple times, please contact our technical support or send an email to the above email address.*

## B. Forget Password

When the user forgets the password they filled in when registering UPSilon, they can retrieve it using the email address they filled in when registering.



**Fill in the registered email address  
and retrieve your password**

### 3.4.3.16. About

This page displays UPSilon version and company information, as well as quick links to the company homepage and links to send an email to customer service email address.

