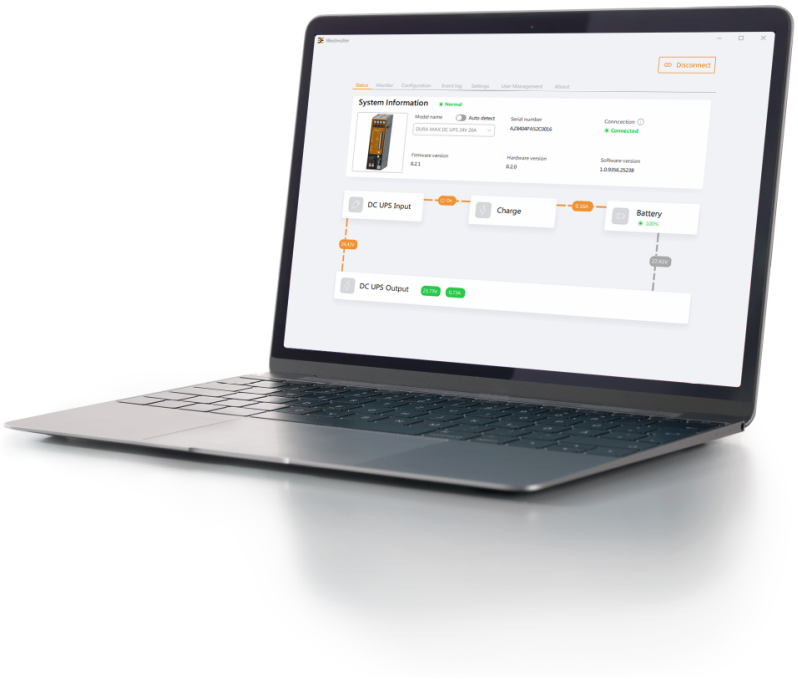
DURAmax DC UPS Manager



Operating Software for DURAmax DC UPS
Manual

3184840000/00/07.2026

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Table of contents

1 About the documentation

The documentation is part of the product. The documentation is intended for the operator of the product and for all persons who interact with the product during its life cycle.

► Read the documentation completely before handling the product.

► Keep the documentation after reading.

► Ensure that all persons who handle the product have access to the documentation.

► If you forward the product to third parties, please also forward the documentation and all applicable documents.

1.1 Symbols used

Symbol	Meaning
	Note on documentation or reference to additional documents
	The work described may only be performed by a qualified electrician.
	Information next to this symbol is not safety-relevant, but it supports correct and effective working practices.

1.2 Design elements

– The dash indicates a listing that does not include any action steps.

◇ The rhombus indicates a prerequisite that must be met before the next action step.

► The black triangle indicates an action step.

☑ The checkbox symbol indicates a result or an intermediate result.

[► Page 4] Square brackets enclosing a grey triangle and a reference target indicate a cross-reference within the document.

1.3 Described versions

This documentation describes version 1.0.1 of the DURAmax DC UPS Manager.

1.4 Complete Documentation

Please also observe the following documents. You can find all documents in the Weidmüller Support Center or in the product catalogue.

- DURAmax DC UPS manual (3184830000)
- CP DC UPS TF installation instructions (1477620000)
- DURAeco LA-BAT operating instructions (2814330000)
- DURAmax DC UPS operating instructions (3075410000)

2 Cybersecurity

General Notes

In order to achieve an effective protection against cyberattacks, every operator of industrial plants must develop a comprehensive security strategy and implement a cybersecurity concept in practice. It is also the operator's responsibility to continuously adapt the implemented cybersecurity measures to technological developments. Weidmüller products and solutions are designed to be part of such a security strategy and help ensure a secure infrastructure.

Devices, systems, machines and networks must be protected against unauthorised access. Components should only be connected to a company network or the internet if necessary and only if appropriate security measures such as firewalls and network segmentation have been implemented.

Further information about the topic of cybersecurity can be found on the Weidmüller industrial security website. Please observe the following documents:

- Industrial Product Security Guideline
- Security Data Sheets

For information on known vulnerabilities and current security advisories related to Weidmüller products, please visit the Weidmüller Security Advisory Board.

If you have identified a potential security vulnerability related to a Weidmüller product, please report it via the Coordinated Vulnerability Disclosure process.

Productspecific notes

Please observe the following notes to minimise risks such as data loss, unauthorised access or system compromise.

- Install updates immediately to ensure that you are always using the latest supported version. Using outdated or unsupported versions can increase the risk of cyber attacks. You can download the latest software and firmware files from the product catalog.
- Updates for the DURAmax DC UPS and for the DURAmax DC UPS Manager will be provided for a period of five years. Observe the information about the firmware update process [► Page 26].
- Ensure that the PC operating the UPS Manager software has the latest Windows update installed, that up-to-date virus protection is active, and that the PC is connected to a secure network. Please note that the data exchanged between the UPS control unit and the software is neither signed nor encrypted.
- Administrator rights are required to install the DURAmax DC UPS Manager. It is the operator's responsibility to revoke these rights after installation. Using the software with administrator rights poses significant cyberrisks.
- After the first login to the DURAmax DC UPS Manager, you will be prompted to change the password. Choose a secure password in accordance with the Industrial Product Security Guideline. Always treat your login credentials as confidential. Never share your login credentials.
- The DURAmax DC UPS Manager is locked after 5 minutes of inactivity. You can log in again with your password.
- Lock the PC on which the DURAmax DC UPS Manager is installed when leaving your workplace.

– The operator is responsible for preventing unauthorised access to the USB port of the UPS control unit.

2.1 Intended use

Hardware

The **DURAmax DC UPS** product family is used for a secure and reliable 24 V DC power supply in industrial applications. The DURAmax DC UPS is part of a system that includes a UPS, one or two batteries and a power supply. The connection between the DURAmax DC UPS, the power supply and the battery is a single electrical connection without any data communication. The system protects electrical loads from uncontrolled failures. The DURAmax DC UPS is intended to be installed only in locked areas (e.g. lockable cabinet).

The DURAmax DC UPS is intended for use by qualified and trained personnel only and is built for continuous operation.

Software

The **DURAmax DC UPS Manager** is a Windows®-based software that is installed locally on a PC. The software can be downloaded from the Weidmüller product catalogue.

With the DURAmax DC UPS Manager you can configure the parameter and monitor the status of a DURAmax DC UPS. During the configuration, the device must be connected to the PC via the integrated USB-C port. Only connect DURAmax DC UPS variants that are compatible with the software. The use of the DURAmax DC UPS Manager in combination with other hardware products is not intended.

The DURAmax DC UPS Manager includes a user management that allows controlled access to software features. The administrator is responsible for implementing a secure user and role management.

3 Installing the software

3.1 System requirements

The following system requirements are recommended for the installation and operation of the DURAmax DC UPS Manager.

System component	Requirement
Operating System	Windows 10 or later (64-bit)
.NET Framework	Version 4.7.2 or later
CPU	Dual-core CPU, 2.0 GHz or higher
Hard disk storage	minimum 500 MB free disk space
Memory (RAM)	4 GB or more
Interfaces	USB-C port required for device connection and configuration.

3.2 Downloading the software installer

The free software is accessible in the Weidmüller product catalogue with each UPS device.

► Download the software installer of the DURAmax DC UPS Manager.

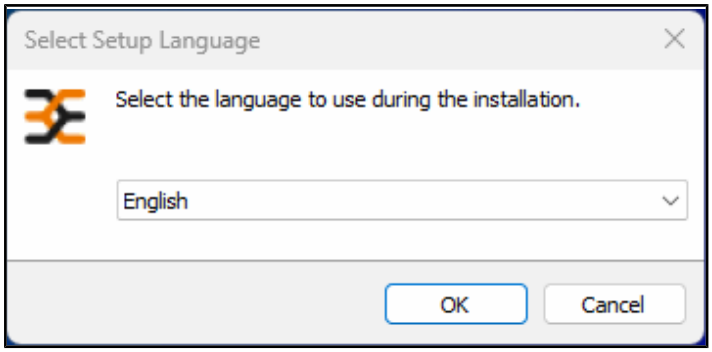
3.3 Installing the DURAmax DC UPS Manager

◇ You have administrator rights for your PC.

► Navigate to the storage location of the software installer.

► Open the file **DURA MAX DC UPS Manager Vx.x.x_setup.exe**.

☑ A dialogue box is opened.



► In the drop-down list, select the desired language for the installation wizard.

► Click **OK**.

► Follow the instructions of the installation wizard.

☑ The software will start up.

If you want to start the software later, remove the tick next to **Launch DURAmax DC UPS**.

4 Starting the software for the first time

The first start-up must be done by the administrator. Only the administrator is authorised to create, delete or modify users.

The default login credentials for the first login are:

– Username: admin

– Password: Detmold

Change the default login credentials immediately after installation of the Software. Choose a password with at least 8 characters. Use a combination of uppercase and lowercase letters, numbers, and special characters. Always keep your credentials confidential. Never share or publish your login details.

► Start the DURAmax DC UPS Manager.

☑ A dialogue box is opened.

► Enter the default username.

► Enter the default password.

☑ A dialogue box is opened.

► Enter the new password twice.

► Click **Save**.

☑ A dialogue box confirms that the password has been successfully changed.

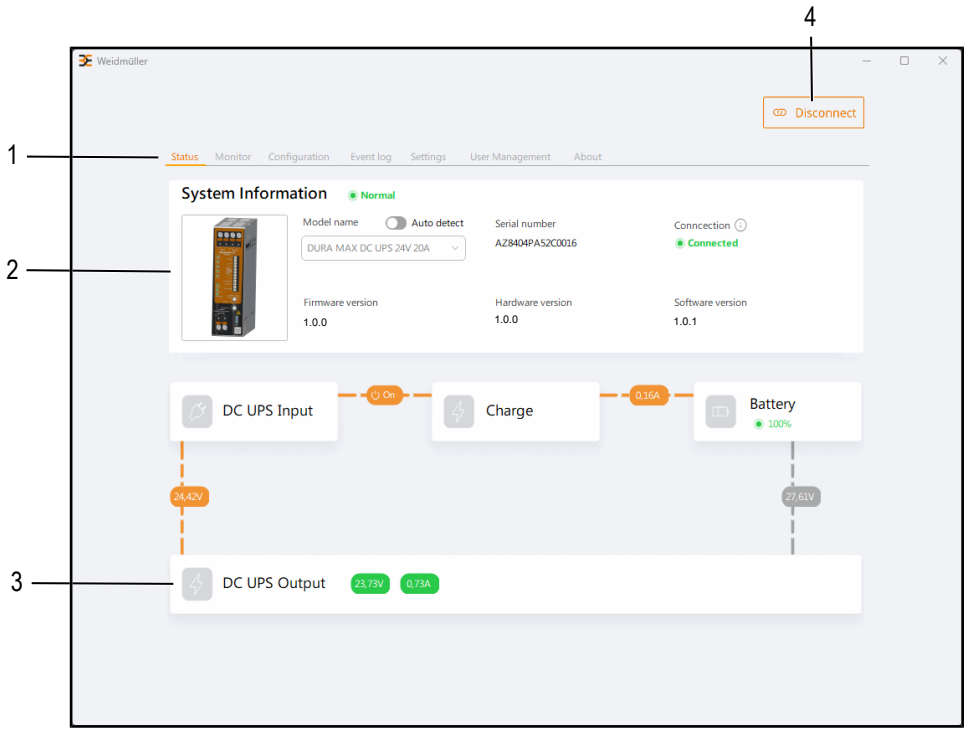
► Click **OK**.

5 Getting to know the software

5.1 Software overview

System Information

You can display the general status and system information of the DURAmax DC UPS via the **Status** tab. The connected UPS model can either be selected manually from the drop-down list or automatically detected if the **auto-detect** function is enabled.



1 Menu bar
2 Displaying the system information
3 Displaying the system status
4 Connecting or disconnecting the UPS

Menu bar

The menu bar includes the following seven tabs for accessing different functions and information.

Tab	Description
Status	Displaying an overall status and system information of the DURAmax DC UPS.
Monitor	Displaying system values for the connected DURAmax DC UPS, the battery and the power supply.
Configuration	Configuring the connected DURAmax DC UPS, the battery and the PC.
Event log	Displaying, downloading and deleting system logs.
Settings	Changing general software settings and updating the firmware.
User Management	Managing users and access rights.
About	Displaying legal and company information.

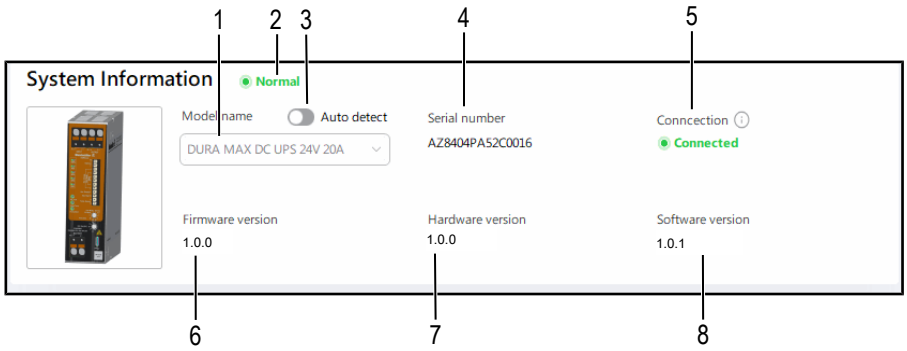
5.2 Tasks and user roles

The user management includes three user roles with the permissions described in the following table. The administrator role cannot be assigned and is intended for the initial user. The following table displays which roles are allowed to perform which tasks.

Task	Administrator	Service	User
Managing users	x	-	-
Displaying event logs and downloading log files	x	-	-
Changing software settings	x	x	-
Updating the firmware	x	x	-
Configuring the UPS	x	x	-
Displaying system status	x	x	x
Monitoring system values	x	x	x
Changing the personal password	x	x	x

5.3 System information overview

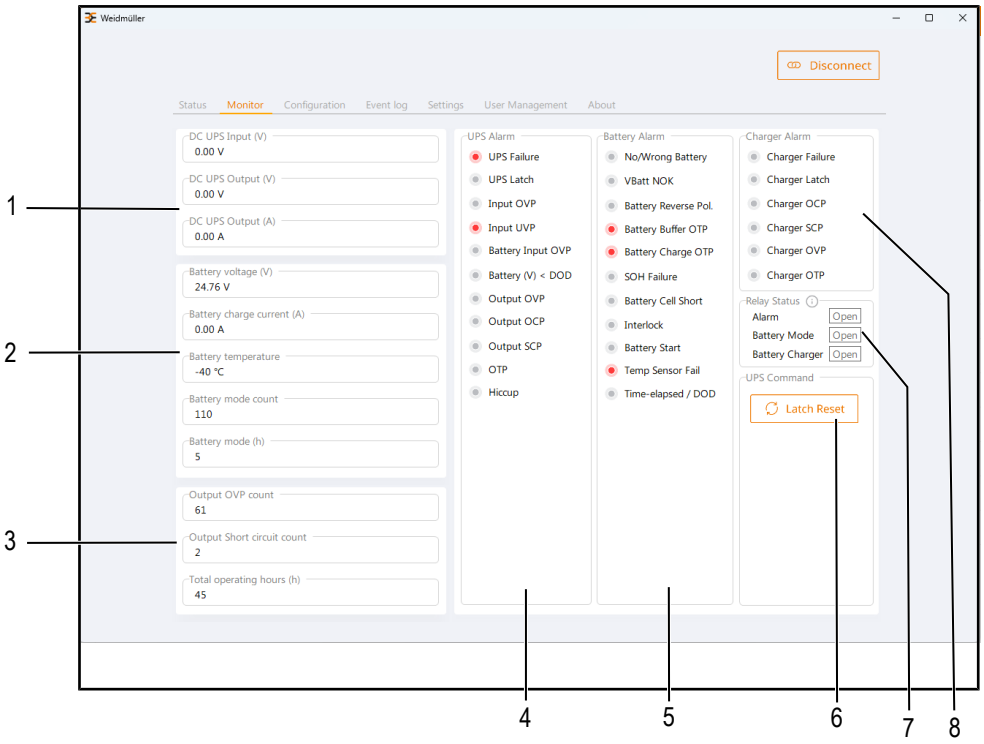
System information



1 Selecting the DURAmax model
2 Displaying the operation mode
3 Switching **Auto detect** on/off
4 Displaying the product serial number
5 Displaying the connection status of the UPS
6 Displaying the firmware version of the connected UPS
7 Displaying the hardware version of the connected UPS
8 Displaying the software version of the DURAmax DC UPS Manager

5.4 Monitoring overview

You can monitor the status of the UPS, the battery and the power supply via the **Monitor** tab. You can display any active system alarms, allowing users to identify and respond to potential issues.



1 Displaying UPS DC process data
2 Displaying battery process data
3 Displaying operating data
4 Displaying UPS alarm status
5 Displaying battery alarm status
6 Resetting the latch
7 Displaying the relay status
8 Displaying charge alarm status

Alarm status

UPS alarm

Alarm status	Meaning	Solution
Nominal mode	UPS operates normally	-
UPS Failure	UPS is not operating correctly	Restart UPS or contact service if alarm persists
UPS Latch	UPS locked due to protection	Perform latch reset or restart UPS
Input OVP	Input voltage > 33.5V	Check and correct input power source
Input UVP	Input voltage < 16.5V	Check and correct input power source
Battery Input OVP	Battery voltage > 33.5V	Check battery type and wiring
Battery (V) < DOD	Battery deeply discharged. Battery voltage below DOD threshold.	Recharge or replace battery
Output OVP	Output voltage > 34V	Disconnect load and check load
Output OCP	Output current too high	Reduce connected load
Output SCP	Output short circuit protection active	Remove the short circuit.
OTP	UPS overheated. Temperature exceed limit	Check and reduce load. Check and reduce ambient temperature
Hiccup	Hiccup active due to overload or short circuit	Reduce the load or remove the short circuit.

Battery alarm

Battery alarm	Meaning	Solution
No/Wrong Battery	No battery connected / wrong battery connected	Check and correct battery type
VBatt NOK	Battery voltage not okay. Vbat > 33.5 V or Vbat < 15 V	Check and correct battery voltage and wiring
Battery Reverse Pol.	Battery connected with wrong polarity	Check and correct battery polarity
Battery Buffer OTP	Batt temp < -20°C or Batt temp > 60°C	Check and correct battery temperature
Battery Charge OTP	Batt temp < -15°C or Batt temp > 50°C	Perform latch reset
SOH failure	Battery health not OK	Replace battery
Battery Cell Short	Short circuit in a battery cell	Replace battery
Interlock	Interlock active	Insert the jumper
Battery Start	Battery jump start active. Battery start signal high for 2200 ms	-
Temp Sensor Fail	Temperature sensor not detected	Check and connect temperature sensor

Battery alarm	Meaning	Solution
Time-elapsed / DOD	Buffer time exceeded / DoD threshold not reached	Perform latch reset Time elapsed: Check the hold-up time and battery capacity of the application. DoD: Check the buffer time and battery capacity of the application.

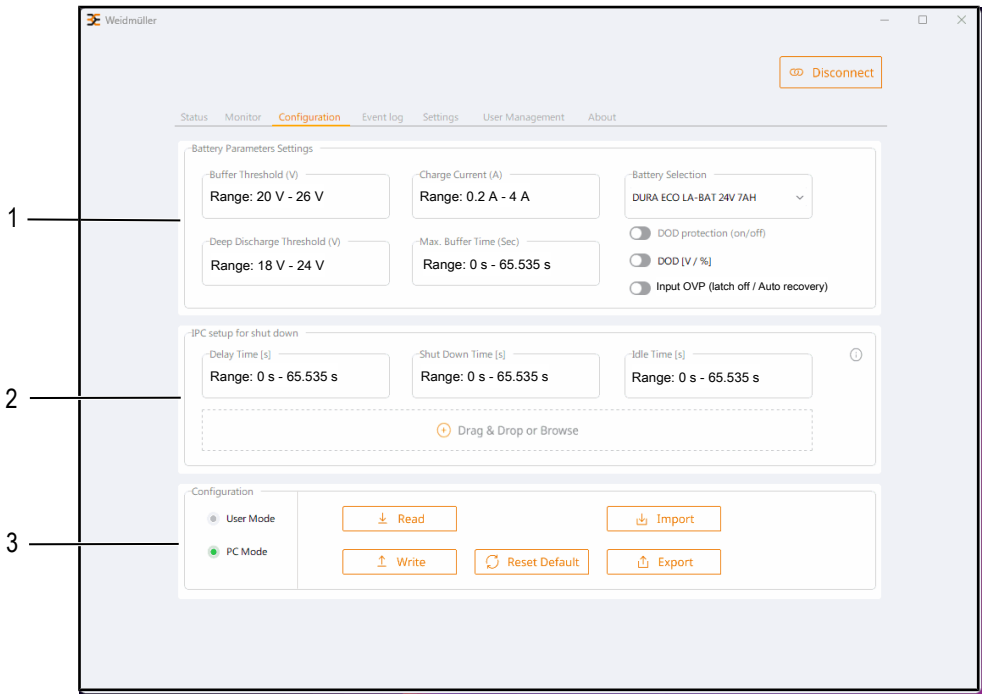
Charge alarm

Charge alarm		
Charger Failure	Battery or wiring not ok.	Check battery and wiring Restart UPS
Charger Latch	Vbat OVP or ChargerTempOTP	-
Charger OCP	Charger over current protection active. Charger current too high.	Check battery and wiring
Charger SCP	Charger short circuit protection active	Check and correct short circuit
Charger OVP	Charger over voltage protection active. Charger voltage exceeds limit	Check battery and charger
Charger OTP	Charger over temperature protection active. Charger temperature exceeds limit	Check ambient temperature

5.5 Configuration overview

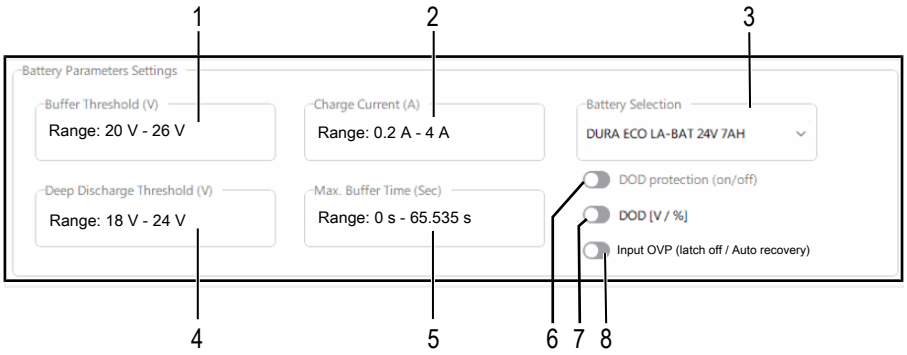
For more information about the configuration settings, see section Configuration Settings [▶ Page 29].

You can adjust settings for the UPS, the battery, and the PC via the **Configuration** tab. You can read and write configuration data, depending on the current mode of the device. Configuration settings can be exported to a file or imported from a file (.ini). If the DURAmax DC UPS is connected to the PC, the software will automatically read its configuration settings when you access the configuration tab.



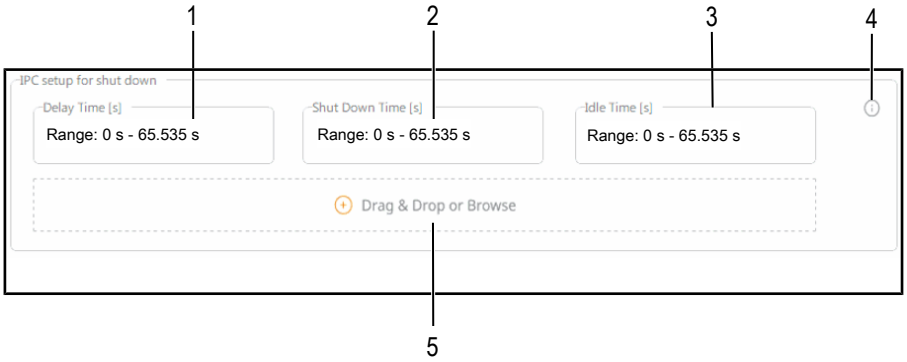
1 Setting the battery parameters
2 Setting the PC parameters
3 Displaying the active battery operating mode
Processing the parameters

Battery parameter settings



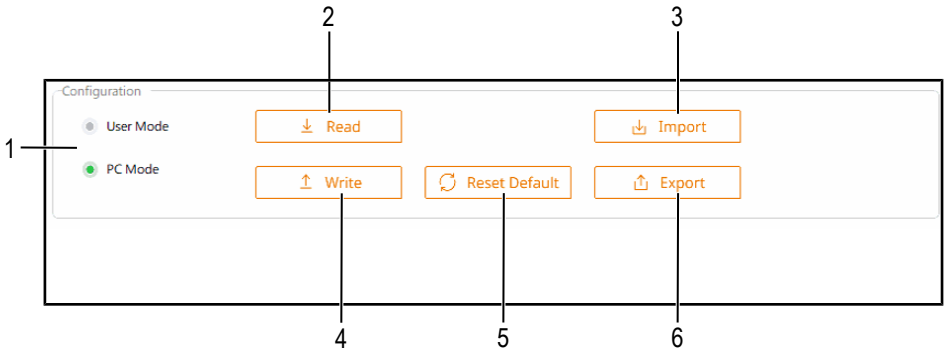
1 Setting the voltage threshold at which the system switches to buffer mode
2 Setting the maximum current used to charge the battery
3 Selecting the connected Battery
4 Setting the minimum battery voltage (V) or state of charge (%) depending on the setting DOD [V/%] to stop buffering
5 Setting the maximum duration of battery operation during buffering (0 s = no buffering, 65535 s = buffering until DoD)
6 Enabling/disabling protection against deep discharge
7 Switching between the discharge limit as voltage or percentage
8 Switching between **Auto recovery** mode and **Latch off** mode.

PC configuration



1 Setting the time the UPS waits after a power failure before initiating shutdown
2 Setting the time of the shutdown sequence
3 Setting the duration the UPS waits to ensure that the input voltage has stabilized before switching back on
4 Displaying a **PC Mode** parameter tool tip
5 Importing a file (.bat) or (.exe) that will be executed in the shutdown sequence

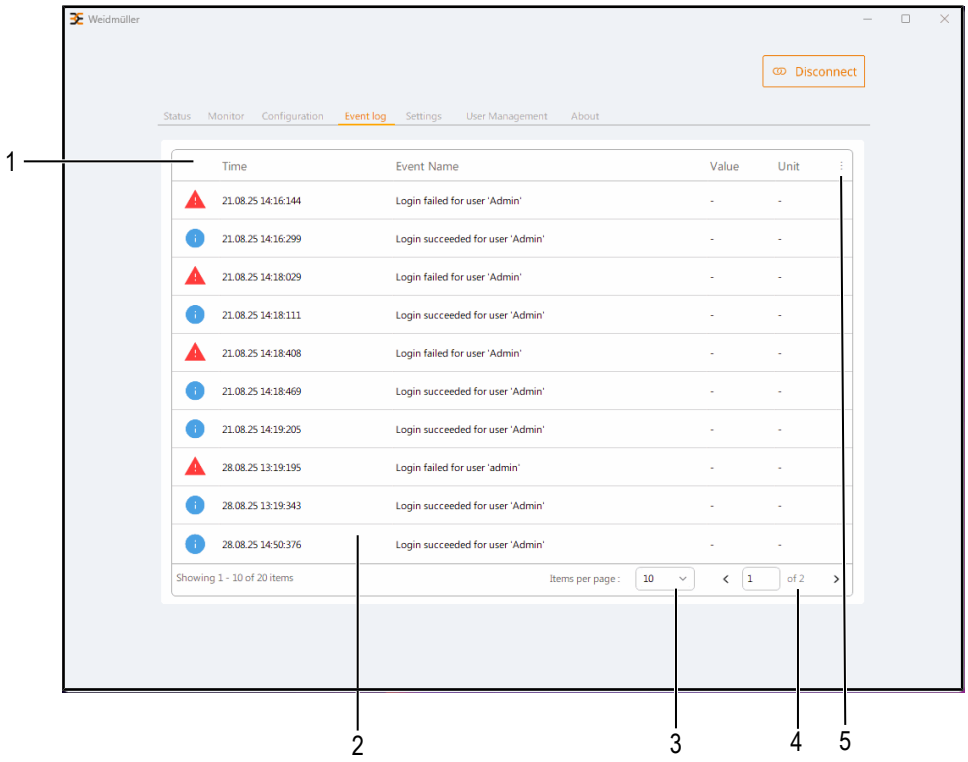
Configuration modes



1 Displaying active configuration mode
2 Reading the configuration values from the UPS
3 Importing configuration values (.ini)
4 Writing changed or imported configuration values to the UPS
5 Resetting all configuration values to default
6 Exporting configuration values (.ini)

5.6 Event log overview

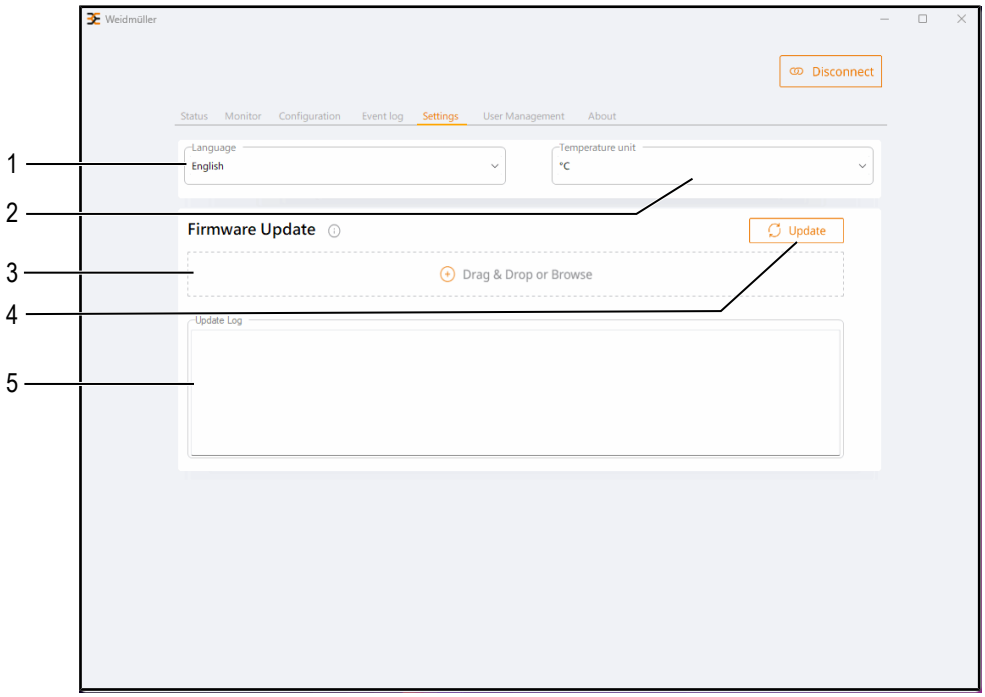
You can display log events and export them via the **Event log** tab. You can delete all log events and customise the sorting.



1 Changing the order of displayed log events by time
2 Displaying the log events
3 Setting the number of items per page
4 Navigating to other pages
5 Downloading a log file (.csv) / Deleting all logs

5.7 Settings overview

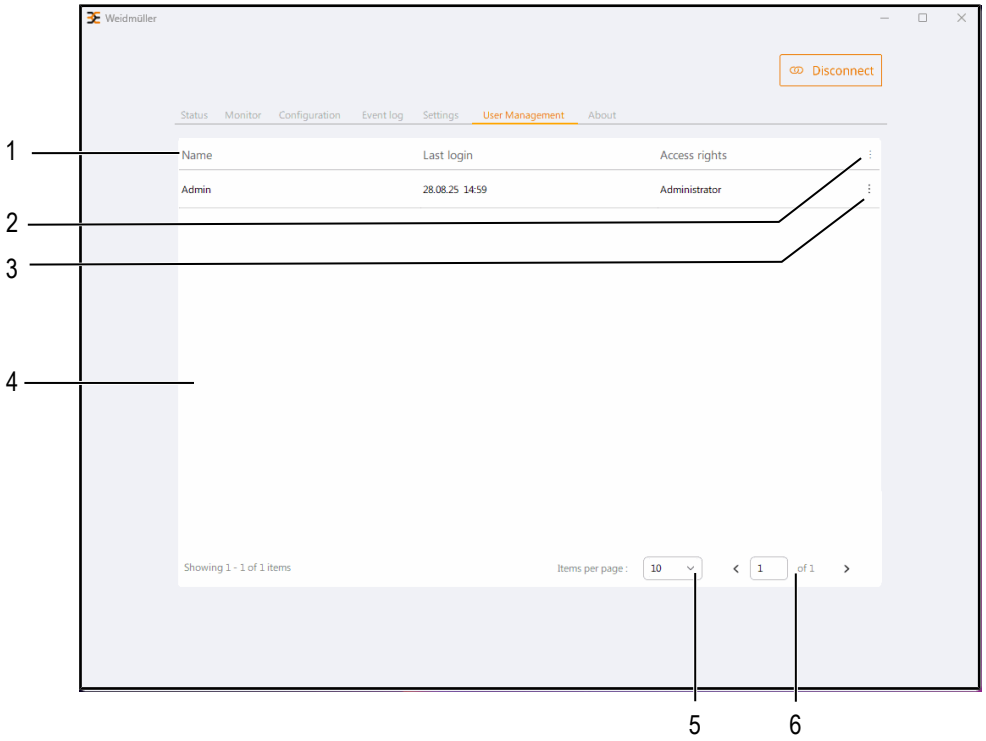
You can change the interface language and temperature unit via the **Settings** tab. Firmware updates can be installed to keep the system up to date.



1 Selecting the graphical user interface language
2 Selecting the displayed temperature unit
3 Loading the update file
4 Starting the update
5 Displaying the update log

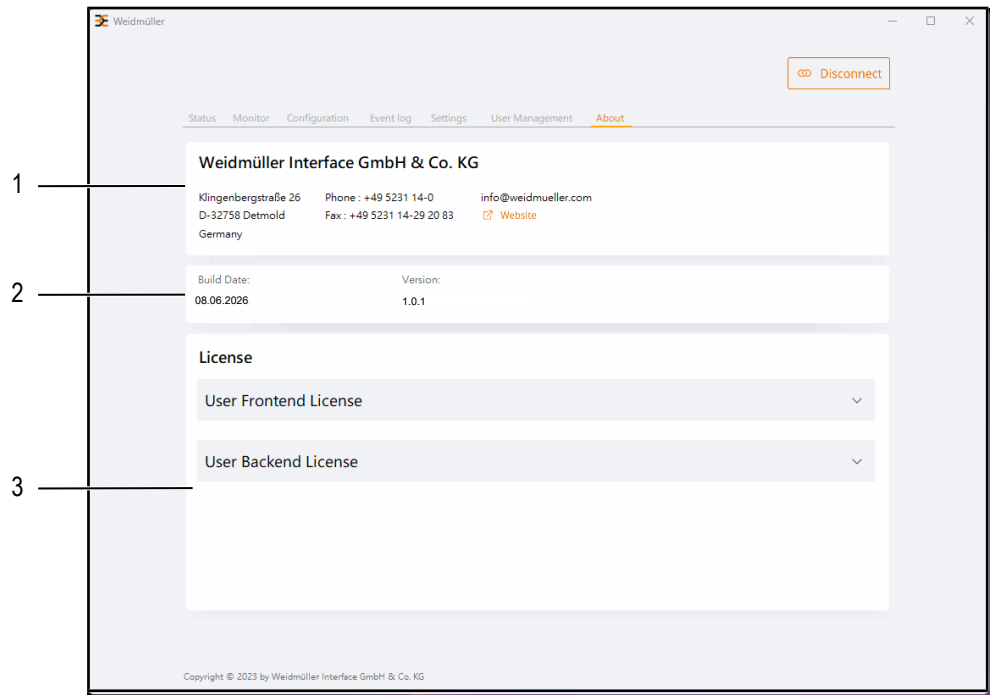
5.8 User management overview

You can edit, delete or create user via the **User Management** tab.



1 Changing the order of displayed users
2 Adding a new user
3 Editing / Deleting a user
4 Displaying all created users
5 Setting the number of displayed users per page
6 Navigating one page back or forward

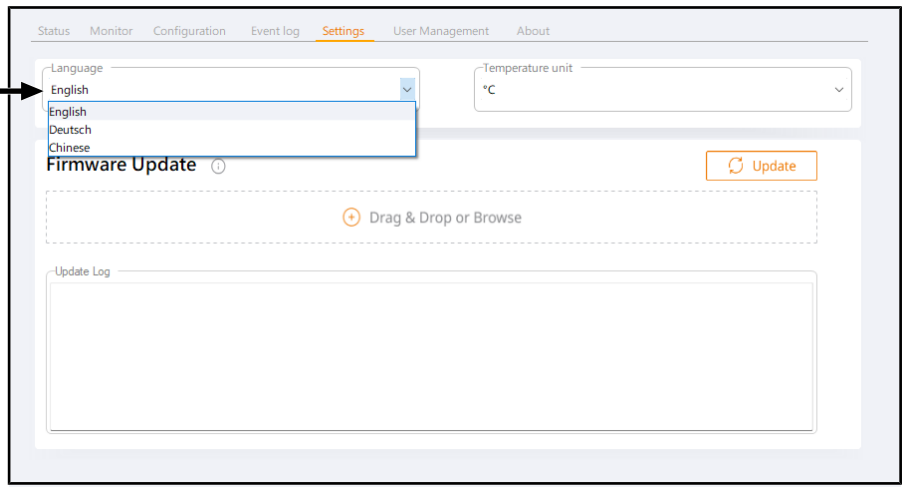
5.9 About overview



1 Displaying company information
2 Displaying software version information
3 Displaying licence information

6 Setting up the DURAmax DC UPS Manager

6.1 Changing the language

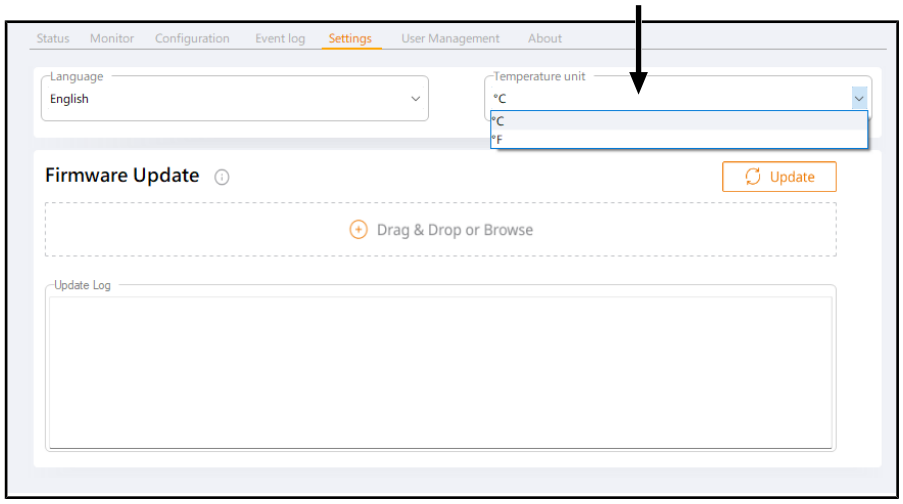


◇ You are logged in as administrator or the service role has been assigned to your account.

► In the **menu bar**, click **Settings**.

► In the **Language** drop-down list, select the desired user interface language.

6.2 Changing the temperature unit



◇ You are logged in as administrator or the service role has been assigned to your account.

► In the **menu bar**, click **Settings**.

► In the **Temperature unit** drop-down list, select the desired temperature unit.

6.3 Changing your user password

◇ You are logged in with the following access rights: **Service** or **User**

► In the menu bar, click **User Management**.

► Enter the new password.

► Click **Apply**.

► Click **OK**.

6.4 Managing users

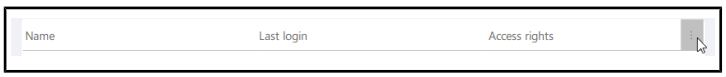
Only the administrator is authorised to manage user accounts.

Adding a user

◇ You are logged in as administrator.

► In the menu bar, click **User Management**.

► In the table header, click ⋮



► Click **Add**.

► Enter a username.

► Enter a password.

► Select the desired access rights.

► Click **Apply**.

Changing the role of a user

You can change the role of a user. Note the information about tasks and target groups [► Page 11].

◇ You are logged in as administrator.

► In the menu bar, click **User Management**.

► Navigate to the user whose role you want to change.

► Click ⋮

► Click **Edit**.

► In the drop-down menu, select the desired role.

► Click **Apply**.

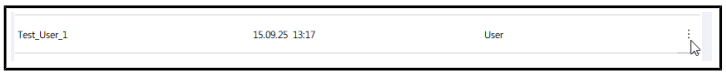
Deleting a user

◇ You are logged in as administrator.

► In the menu bar, click **User Management**.

► Navigate to the user you want to delete.

► Click ⋮



► Click **Delete**.

☑ A dialogue box is opened.

► Click **Yes**.

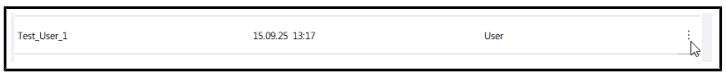
Changing the password of a user

◇ You are logged in as administrator.

► In the menu bar, click **User Management**.

► Navigate to the user whose password you want to change.

► Click ⋮



► Click **Edit**.

► Enter the new password.

► Click **Apply**.

7 Working with the DURAmax DC UPS Manager

7.1 Connecting a DURAmax DC UPS

The UPS may only be connected by a qualified electrician who is familiar with national and international laws, regulations and standards.

For a successful and safe connection of the DURAmax DC UPS to a PC, observe the information in the hardware manual.

For a successful connection of the DURAmax DC UPS use a compatible USB-C cable that supports data transfer at a minimum of USB 2.0.

◇ The **operating mode** rotary coding switch of the DURAmax DC UPS is set to **User-Mode** or **PC-Mode**.

◇ Only one DURAmax DC UPS is connected to the PC.

► Connect the USB-C cable to the USB-C interface of the DURAmax DC UPS.

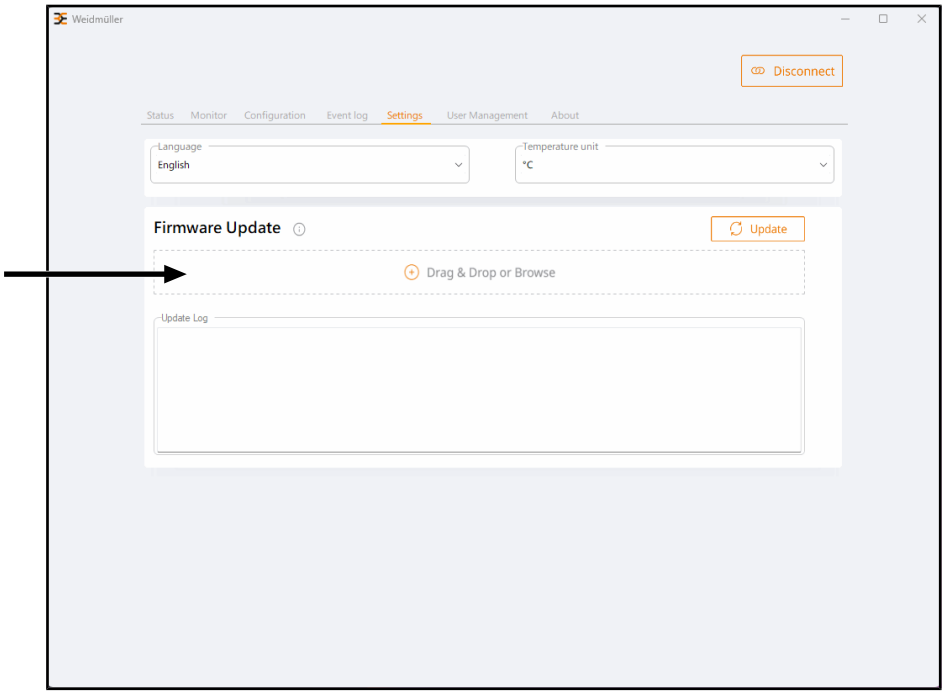
► Connect the USB-C cable to the interface of your PC.

► Open the DURAmax DC UPS Manager.

► In the **Model name** list box, select the connected DURAmax DC UPS model or use the **Auto detect** function.

► Click **Connect**.

7.2 Updating the firmware



ATTENTION

When the rotary coding switch is set to User-Mode or PC-Mode, the corresponding settings become active. This can result in UPS behaviour that was not previously intended.

◇ You are logged in as administrator or the service role has been assigned to your account.

◇ You have downloaded the latest firmware update file from the Weidmüller Product Catalogue.

◇ The DURAmax DC UPS is connected to the PC via a USB-C cable [► Page 25].

◇ The **operating mode** rotary coding switch of the DURAmax DC UPS is set to **User-Mode** or **PC-Mode**.

◇ The DURAmax DC UPS operates in **normal mode**.

► In the **menu bar**, click **Settings**.

► Open the file select dialogue to select the firmware update file or add it with drag and drop.

☑ The DURAmax DC UPS Manager checks whether the firmware is compatible with the connected device. If the firmware is not compatible, the update is blocked.

► Click **Update** when the firmware compatibility check is passed.

☑ A dialogue box indicates that the firmware download to the device has been completed.

The firmware download does not affect the functions of the DURAmax DC UPS. The firmware is stored in a shadow memory. After a power cycle, the firmware is transferred to the internal controller of the DURAmax DC UPS.

► Click **OK**.

► Disconnect the input supply and battery supply for at least 2 seconds. Reconnect the input supply or battery supply.

☑ The bootloader starts the transfer of the downloaded firmware from the shadow memory to the internal controller. After 20 seconds the device will be back in operation.

During the transfer process, the functions of the DURAmax DC UPS are unavailable. All LEDs are off.

ATTENTION

Ensure stable operating conditions during the firmware download and flash process. Avoid power outages and other operating conditions that can interrupt the update process.

If the update process is interrupted, the firmware download or flash process stops and can be restarted at any time.

7.3 Working with logs

The DURAmax DC UPS Manager records system events when a USB connection to the PC is active

Downloading a log file

You can export all events as a CSV file.

◇ You are logged in as administrator or the service role has been assigned to your account.

► In the **menu bar**, click **Event log**.

► In the table header, click ⋮

► Click **Log Download**.

☑ A file dialogue is opened.

► Select a storage location.

► Enter a file name.

► Click **Save**.

Deleting log events

◇ You are logged in as administrator or the service role has been assigned to your account.

► In the **menu bar**, click **Event log**.

► In the table header, click ⋮

► Click **Log Delete**.

7.4 Configuring a DURAmax DC UPS

If the DURAmax DC UPS is connected to the PC, the software will automatically read its configuration settings when you access the configuration tab.

All software and configuration settings are stored locally on the PC that is connected to the DURAmax DC UPS. If the DURAmax DC UPS Manager is used on different PCs with the same UPS, the stored settings are not transferred.

Configuration Settings

Battery Settings	Description
Buffer Threshold (V)	Defines the voltage level at which the UPS switches from mains power to battery operation (buffer mode). This threshold ensures that connected devices continue to receive power when the input voltage drops below a set value. - Range: 20 V - 26 V - Default: 21.5 V
Charge Current (A)	Defines the maximum current used to charge the battery. A higher value can reduce charging time but may stress the battery. - Range for DURAmax 24V 5A: 0.2 A - 1.5 A - Range for DURAmax 24V 10A: 0.5 A - 2 A - Range for DURAmax 24V 20A: 0.5 A - 3 A - Range for DURAmax 24V 40A: 0.5 A - 4 A
Battery Selection	Allows the user to select the size of battery that is connected to the UPS.
Deep Discharge Threshold (V)	This setting can only be changed in **User Mode**. Sets the minimum voltage level or the state of charge (%) at which the battery is considered deeply discharged. This protects the battery from damage caused by over-discharge. - Range: 18 V - 24 V / 0% - 100% - Default: 19.2 V / 20%
Max. Buffer Time (Sec)	This setting can only be changed in **User Mode**. Limits the maximum duration the UPS will supply power from the battery: Range: 0 s - 65.535 s . - 0 s (no buffering) - 0 s (no buffering)
DOD protection (on/off)	Enables or disables depth of discharge protection (DOD). When activated, it prevents the battery from discharging beyond a defined limit to extend battery life. If this setting is disabled and the battery is deeply discharged, the battery must be replaced. Note that deep discharge is still possible if the cause of the error is not resolved. If DoD Protection is disabled, battery discharge down to 15V may cause damage to the battery.

Battery Settings	Description
DOD [V / %]	Changes the unit for the **Deep Discharge Threshold** from absolute to percentage (V / %). Switching the unit resets the value of the Deep Discharge Threshold (V) setting to the default (19.2 V / 20%).
Input OVP (latch off/Auto recovery)	Defines the behaviour of the overvoltage protection. The UPS overvoltage protection is activated when the input voltage exceeds 32 V DC. In **Auto mode**, the UPS is automatically reset after an overvoltage event. In **Latch off mode**, a manual action is required to continue operation [► Page 33].

PC Settings	Description
Delay Time (s)	Defines the time delay before the shutdown sequence begins after a power failure. - Range: 0 s - 65.535 s
Shut Down Time (s)	Defines how long the PC is allowed to remain powered during the shutdown process. This setting ensures that the system has enough time to close applications and save data properly. - Range: 0 s - 65.535 s
Idle Time (s)	Defines the duration the UPS waits to ensure that the input voltage has stabilised before switching back on. Note that the battery capacity is the maximum limit. This setting can be used for managing power consumption during periods of inactivity. - Range: 0 s - 65.535 s

Reading configuration settings

You can read the configuration settings from the DURAmax DC UPS and display them in the configuration overview.

◇ You are logged in as administrator or the service role has been assigned to your account.

◇ The DURAmax DC UPS is connected to the PC via a USB-C cable [► Page 25].

◇ The **operating mode** rotary coding switch of the DURAmax DC UPS is set to **User-Mode** or **PC-Mode**.

► In the **menu bar**, click **Configuration**.

► Click **Read**.

☑ A dialogue box confirms that the configuration settings have been read.

► Click **OK**.

Writing configuration settings

You can write your configuration settings to the DURAmax DC UPS and the PC.

◇ You are logged in as administrator or the service role has been assigned to your account.

◇ The DURAmax DC UPS is connected to the PC via a USB-C cable [► Page 25].

◇ The **operating mode** rotary coding switch of the DURAmax DC UPS is set to **User-Mode** or **PC-Mode**.

► In the **menu bar**, click **Configuration**.

► Change the desired parameters for the DURAmax DC UPS and the PC.

► Click **Write**.

☑ A dialogue box is opened.

► Enter your password to confirm the changes.

☑ A dialogue box confirms that the configuration settings have been written to the device.

► Click **OK**.

Resetting configuration settings to default

◇ You are logged in as administrator or the service role has been assigned to your account.

◇ The DURAmax DC UPS is connected to the PC via a USB-C cable [► Page 25].

◇ The **operating mode** rotary coding switch of the DURAmax DC UPS is set to **User-Mode** or **PC-Mode**.

► In the **menu bar**, click **Configuration**.

► Click **Reset Default**.

☑ The configuration values are set to default but are not written to the device.

► Write the reset values to the device (see Writing configuration settings [► Page 31]).

Importing configuration settings

You can import the configuration settings via a file upload and display them in the configuration overview (.ini).

◇ You are logged in as administrator or the service role has been assigned to your account.

◇ The DURAmax DC UPS is connected.

◇ The **operating mode** rotary coding switch of the DURAmax DC UPS is set to **User-Mode** or **PC-Mode**.

► In the **menu bar**, click **Configuration**.

► Click **Import**.

☑ A dialogue box is opened.

► Select the configuration file from your file system (.ini).

► Click **Open**.

► Click **OK**.

☑ The configuration values are imported but are not written to the device.

► Write the imported values to the device (see Writing configuration settings [► Page 31]).

Exporting configuration settings to a file

You can export the configuration settings via a file export (.ini).

◇ You are logged in as administrator or the service role has been assigned to your account.

◇ The DURAmax DC UPS is connected.

◇ The **operating mode** rotary coding switch of the DURAmax DC UPS is set to **User-Mode** or **PC-Mode**.

► In the **menu bar**, click **Configuration**.

► Set the desired parameters for the DURAmax DC UPS and the PC.

► Click **Export**.

☑ A file dialogue is opened.

► Select a storage location.

► Enter a file name.

► Click **Save**.

☑ A dialogue box confirms that the configuration settings have been exported.

► Click **OK**.

Configuring a PC shutdown

You can configure a secure PC shutdown with the DURAmax DC UPS manager (see Configuration Settings [► Page 29]).

If the PC restarts, e.g. due to a voltage loss, the DURAmax DC UPS Manager does not start automatically. Start the software manually and log in again.

You can also use the Import/Export function to configure the PC shutdown (see Importing configuration settings [► Page 32]).

◇ You are logged in as administrator or the service role has been assigned to your account.

◇ The DURAmax DC UPS is connected to the PC via a USB-C cable [► Page 25].

► In the **menu bar**, click **Configuration**.

► Enter the desired delay time for the shutdown of the PC.

► Enter the desired shutdown time of the PC.

► Enter the desired idle time of the PC.

Next steps The configuration settings are displayed in the configuration overview and are not written to the device. Write the imported values to the The DURAmax DC UPS and the PC (see Writing configuration settings [► Page 31]).

7.5 Resetting the latch

The **Latch Reset** function can be used if the power supply of the UPS is switched off because of an overvoltage or overtemperature event. The latch can only be reset after the fault has been resolved.

◇ You are logged in as administrator or the service role has been assigned to your account.

◇ The DURAmax DC UPS is connected to the PC via a USB-C cable [► Page 25].

◇ The **operating mode** rotary coding switch of the DURAmax DC UPS is set to **User-Mode** or **PC-Mode**.

► In the **menu bar**, click **Monitor**.

► Click **Latch Reset**.

Glossary

PC-Mode

The PC Mode is a battery operating mode of the DURAmax DC UPS. It can be selected via the rotary coding switch on the UPS. This mode requires a permanent USB connection between the UPS and the PC. It supports configuration, event logging and controlled system shutdowns. The system will send a shutdown signal to the PC based on the configured buffer time and the requirements of the customer's application.

Service-Mode

The service mode must be set on the device to carry out service and maintenance activities.

User-Mode

The User-Mode is a battery operating mode of the DURAmax DC UPS. It can be selected via the rotary coding switch on the UPS. This mode works with fixed parameters than can be set by the DURAmax DC UPS Manager. It does not support continuous communication with the UPS and is not meant for PC use. Changing the configuration settings or logging system events is only possible when the UPS is connected to the PC.

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