Easy UPS 3M Pro

60-200 kVA 400 V 3:3

Operation

Latest updates are available on the Schneider Electric website
7/2026



Legal Information

The information provided in this document contains general descriptions, technical characteristics and/or recommendations related to products/solutions.

This document is not intended as a substitute for a detailed study or operational and site-specific development or schematic plan. It is not to be used for determining suitability or reliability of the products/solutions for specific user applications. It is the duty of any such user to perform or have any professional expert of its choice (integrator, specifier or the like) perform the appropriate and comprehensive risk analysis, evaluation and testing of the products/solutions with respect to the relevant specific application or use thereof.

The Schneider Electric brand and any trademarks of Schneider Electric and its subsidiaries referred to in this document are the property of Schneider Electric or its subsidiaries. All other brands may be trademarks of their respective owner.

This document and its content are protected under applicable copyright laws and provided for informative use only. No part of this document may be reproduced or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), for any purpose, without the prior written permission of Schneider Electric.

Schneider Electric does not grant any right or license for commercial use of the document or its content, except for a non-exclusive and personal license to consult it on an "as is" basis.

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

Schneider Electric reserves the right to make changes or updates with respect to or in the content of this document or the format thereof, at any time without notice.

To the extent permitted by applicable law, no responsibility or liability is assumed by Schneider Electric and its subsidiaries for any errors or omissions in the informational content of this document, as well as any non-intended use or misuse of the content thereof.

Access to Your Product Manuals Online

Find the UPS Manuals, Submittal Drawings, and Other Documentation for Your Specific UPS Here:

In your web browser, type in https://www.go2se.com/ref= and the commercial reference for your product.
Example: *https://www.go2se.com/ref=**E3MPUPS60KH***

Find the UPS Manuals, Relevant Auxiliary Product Manuals, and Option Manuals Here:

Scan the QR code to go to the Easy UPS 3M Pro online manual portal:

https://www.productinfo.schneider-electric.com/easyups3m_pro_iec/

Here you can find your UPS installation manual, UPS operation manual, and UPS technical specifications, and you can also find installation manuals for your auxiliary products and options.

This online manual portal is available on all devices and offers digital pages, search functionality across the different documents in the portal, and PDF download for offline use.

Learn More About the Easy UPS 3M Pro Here:

Go to *https://www.se.com/ww/en/product-range/415839295* to learn more about this product.

Table of Contents

Table of Contents 5
Important Safety Instructions — SAVE THESE INSTRUCTIONS 7
- Electromagnetic Compatibility 8
- Safety Precautions 8

Cybersecurity and Physical Security Recommendations 9
- Cybersecurity and Network Management Cards 10

Symbols Used in the Product 11
Overview of Single UPS 12
Overview of 1+1 Redundant Parallel System with Common Battery Bank 13
Overview of Parallel System 14
Overview of User Interface 16
- Display 16
  - Menu Tree 19
- Location of Disconnect Devices 21

Operation Modes 22
- UPS Modes 22

Configuration 24
- Set the Display Language 24
- Configure the Display Preferences 24
- Configure the Communication Settings 25
- Change the Password 25
- Set the UPS Name 25
- Set the Date and Time 25
- Set the Contact Information 26
- Configure the System Settings 26
- Configure the Output 27
- Configure the Battery Settings 27
- Configure the Input Contacts and Output Relays 30
- Configure the Current Limit Settings 32
- Configure the Charging Settings 33
- Configure Life Cycle Monitoring 33

Operation Procedures 34
- Transfer a Single UPS from Normal Operation to Static Bypass Operation 34
- Transfer a Single UPS from Static Bypass Operation to Normal Operation 34
- Turn the Inverter OFF 35
- Turn the Inverter ON 35
- Start Up a Single UPS in Normal Operation 36
- Transfer a Single UPS from Normal Operation to Maintenance Bypass Operation 37
- Transfer a Single UPS from Maintenance Bypass Operation to Normal Operation 38

Transfer a Parallel System from Normal Operation to Maintenance Bypass Operation 39
Transfer a Parallel System from Maintenance Bypass Operation to Normal Operation 40
Isolate a Single UPS from the Parallel System 41
Start Up and Add a UPS to a Running Parallel System 42
View System Status Information 42
View the Bypass Settings 43
View the Parallel Settings 43
Test 44
Start a Battery Self-test 44
Stop a Battery Test 44
Maintenance 45
Parts Replacement 45
Determine if you need a Replacement Part 45
Replace the Air Filter 46
Troubleshooting 47
Alarm Messages 47
Clear Alarm 50
View the Log 50
Calibrate the Display 50
Status LEDs on the Communication Interface 51
Export UPS Event Logs to a USB Device 53
Export UPS Settings to a USB Device 54

Important Safety Instructions — SAVE THESE INSTRUCTIONS

Read these instructions carefully and look at the equipment to become familiar with it before trying to install, operate, service or maintain it. The following safety messages may appear throughout this manual or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of this symbol to a “Danger” or “Warning” safety message indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages with this symbol to avoid possible injury or death.

⚠DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

Failure to follow these instructions will result in death or serious injury.

⚠WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

⚠CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

Failure to follow these instructions can result in injury or equipment damage.

NOTICE

NOTICE is used to address practices not related to physical injury. The safety alert symbol shall not be used with this type of safety message.

Failure to follow these instructions can result in equipment damage.

Please Note

Electrical equipment should only be installed, operated, serviced, and maintained by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction, installation, and operation of electrical equipment and has received safety training to recognize and avoid the hazards involved.

Per IEC 62040-1: "Uninterruptible power systems (UPS) -- Part 1: Safety Requirements," this equipment, including battery access, must be inspected, installed and maintained by a skilled person.

The skilled person is a person with relevant education and experience to enable him or her to perceive risks and to avoid hazards which the equipment can create (reference IEC 62040-1, section 3.102).

Electromagnetic Compatibility

NOTICE

RISK OF ELECTROMAGNETIC DISTURBANCE

This is a product category C3 product. In a residential environment, this product may cause radio interference, in which case the user may be required to take additional measures.

Failure to follow these instructions can result in equipment damage.

Safety Precautions

⚠⚠DANGER

HAZARD OF ELECTRICAL SHOCK, EXPLOSION OR ARC FLASH

All safety instructions in this document must be read, understood and followed.

Failure to follow these instructions will result in death or serious injury.

⚠⚠DANGER

HAZARD OF ELECTRICAL SHOCK, EXPLOSION OR ARC FLASH

After the UPS system has been electrically wired, do not start up the system. Start-up must only be performed by Schneider Electric.

Failure to follow these instructions will result in death or serious injury.

Cybersecurity and Physical Security Recommendations

Install the Product in a Secure Location

Custodians should secure products from unauthorized physical access.

- Access should be restricted to those who require access to maintain the product.
- Restricted areas should be clearly marked for authorized personnel only.
- Restricted areas should be secured by locked doors.
- Access to the restricted areas should produce a physical or electronic audit trail.

Secure Access to the User Interface and Communication Ports of the Product

Install the product in a rack or cage that can be locked with a suitable key, or other physical methods. This will prevent access to the user interface and the physical communication ports of the product.

Description of Risk

Attackers with physical access to the product can access the equipment without authorization.

Recommendations

Physical security must be in place to control physical access to restricted areas and facilities containing the product. The product should be located under lock and key or protected by physical restraints that prevent unauthorized access or removal from restricted areas. Access to areas containing the product should only be granted to personnel who require access based on their job function.

Restricted areas should display signs that clearly indicate access is for authorized personnel only. Facilities containing the product should give minimum indication of their purpose, with no obvious signs identifying the presence of related functions.

Physical access control devices, such as key card readers, doors and cabinet locks, should be tested prior to use and on a periodic basis (e.g. annually). Resource custodians should produce physical or electronic audit trails to record all personnel's physical access to restricted areas for security incident investigation. Inventory of who has physical access to control devices should be regularly reviewed, and any inappropriate access identified during the review should be promptly removed.

Firmware Updates

Schneider Electric strongly recommends that you review the security bulletins that relate to your Schneider Electric product.

For information on new and updated security bulletins, visit the **Schneider Electric Security Bulletins web page**.

Cybersecurity and Network Management Cards

NOTE: Schneider Electric adheres to industry best practices in the development and implementation of embedded components of Schneider Electric Network Management Cards, which enable the devices to function remotely over the network. This includes a "Defense-in-Depth" approach to secure the connected products. You can find the Security Handbook for the different network management cards on the Schneider Electric website. The Security Handbook describes security features and options for the appliance.

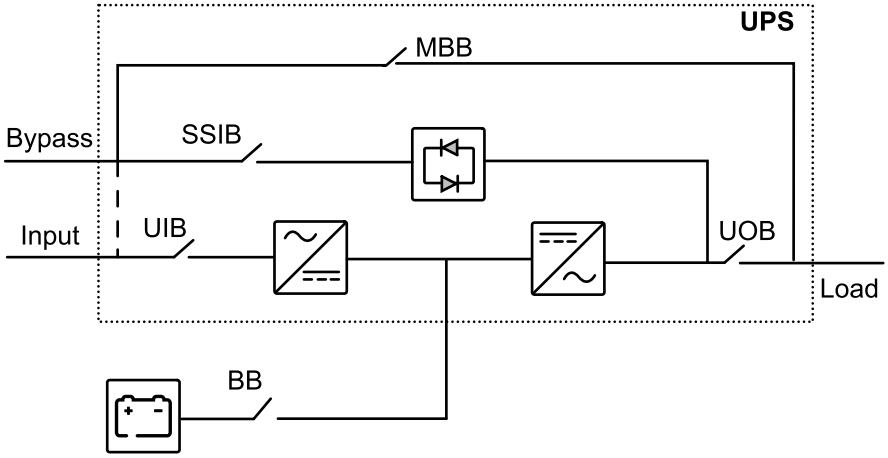
Symbols Used in the Product

	This is the earthing/ground symbol.
	This is the protective earth/equipment grounding conductor symbol.
	This is the direct current symbol. It is also referred to as DC.
	This is the alternating current symbol. It is also referred to as AC.
	This is the positive polarity symbol. It is used to identify the positive terminal(s) of equipment which is used with, or generates direct current.
	This is the negative polarity symbol. It is used to identify the negative terminal(s) of equipment which is used with, or generates direct current.
	This is the battery symbol.
	This is the static switch symbol. It is used to indicate switches that are designed to connect or disconnect the load to or from the supply respectively without the existence of moving parts.
	This is the AC/DC converter (rectifier) symbol. It is used to identify an AC/DC converter (rectifier) and, in case of plug-in devices, to identify the relevant receptacles.
	This is the DC/AC converter (inverter) symbol. It is used to identify an DC/AC converter (inverter) and, in case of plug-in devices, to identify the relevant receptacles.

Overview of Single UPS

UIB	Unit input disconnect device
SSIB	Static switch input disconnect device
UOB	Unit output disconnect device
MBB	Maintenance bypass disconnect device
BB	Battery disconnect device

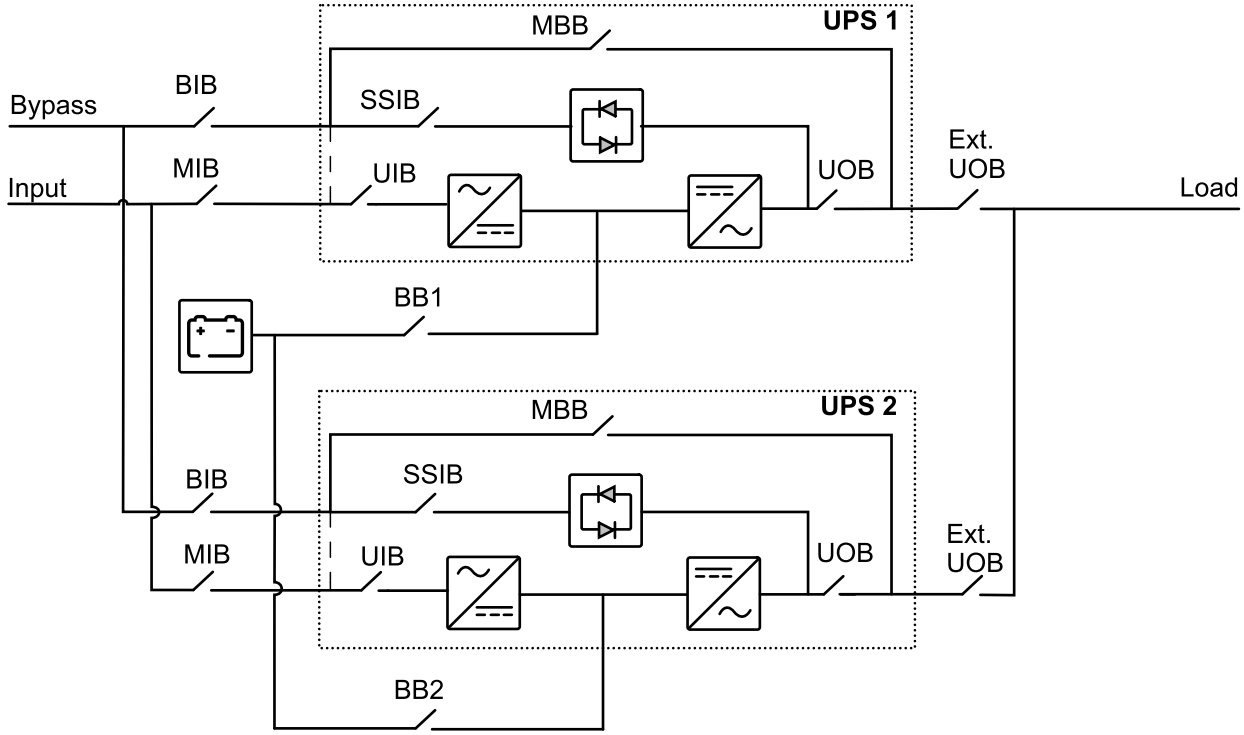
NOTE: In Schneider Electric literature, 'disconnect device' is used as a generic term covering circuit breakers or switches as their position may vary depending on configuration. Details about the individual configuration are found in the electrical diagram and/or by reading the symbol on the front of each disconnect device.



Overview of 1+1 Redundant Parallel System with Common Battery Bank

MIB	Main input disconnect device
BIB	Bypass input disconnect device
UIB	Unit input disconnect device
SSIB	Static switch input disconnect device
UOB	Unit output disconnect device
Ext. UOB	External unit output disconnect device
MBB	Maintenance bypass disconnect device
BB1	Battery disconnect device 1
BB2	Battery disconnect device 2

NOTE: In Schneider Electric literature, 'disconnect device' is used as a generic term covering circuit breakers or switches as their position may vary depending on configuration. Details about the individual configuration are found in the electrical diagram and/or by reading the symbol on the front of each disconnect device.

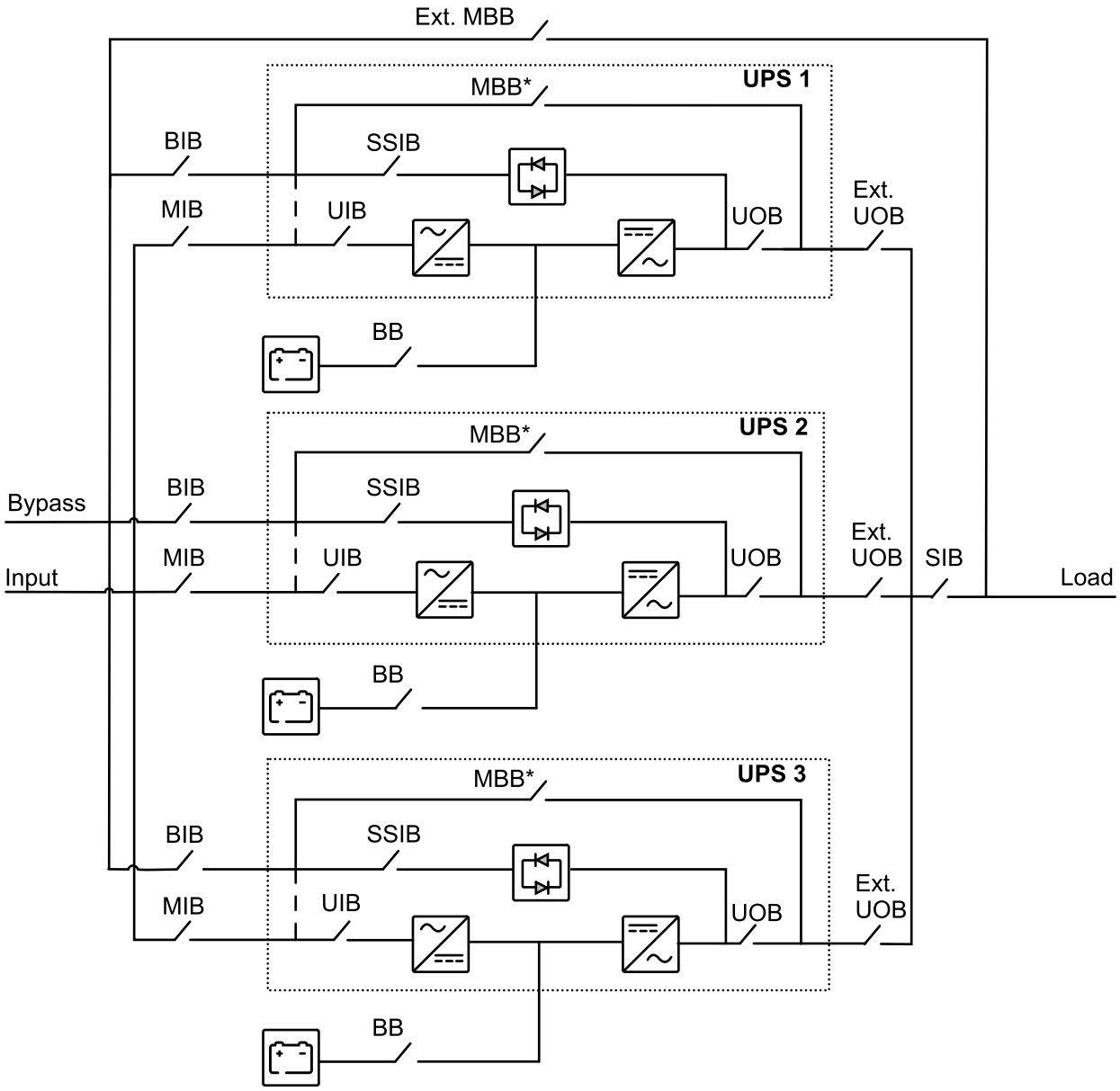


Overview of Parallel System

MIB	Main input disconnect device
BIB	Bypass input disconnect device
UIB	Unit input disconnect device
SSIB	Static switch input disconnect device
UOB	Unit output disconnect device
Ext. UOB	External unit output disconnect device
MBB	Maintenance bypass disconnect device
Ext. MBB	External maintenance bypass disconnect device
SIB	System isolation disconnect device
BB	Battery disconnect device

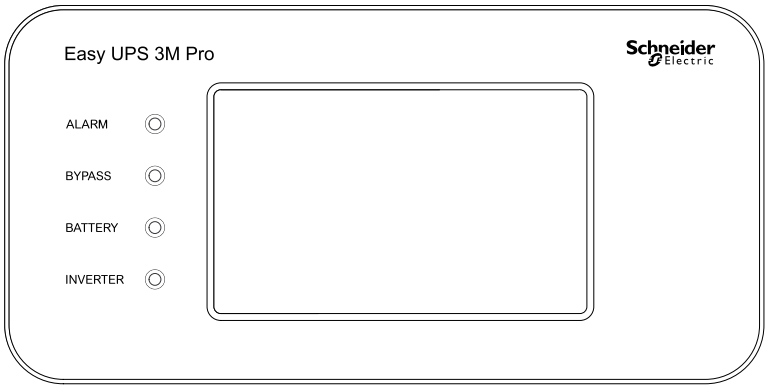
NOTE: In Schneider Electric literature, 'disconnect device' is used as a generic term covering circuit breakers or switches as their position may vary depending on configuration. Details about the individual configuration are found in the electrical diagram and/or by reading the symbol on the front of each disconnect device.

NOTE: In parallel systems with an external maintenance bypass disconnect device Ext. MBB, the internal maintenance bypass disconnect devices MBB* must be padlocked in the open (OFF) position.


Ext. MBB
UPS 1
MBB*
BIB
SSIB
MIB
UIB
UOB
Ext.
UOB
BB
UPS 2
MBB*
Bypass
BIB
SSIB
Input
MIB
UIB
UOB
Ext.
UOB
SIB
Load
BB
UPS 3
MBB*
BIB
SSIB
MIB
UIB
UOB
Ext.
UOB
BB

Overview of User Interface

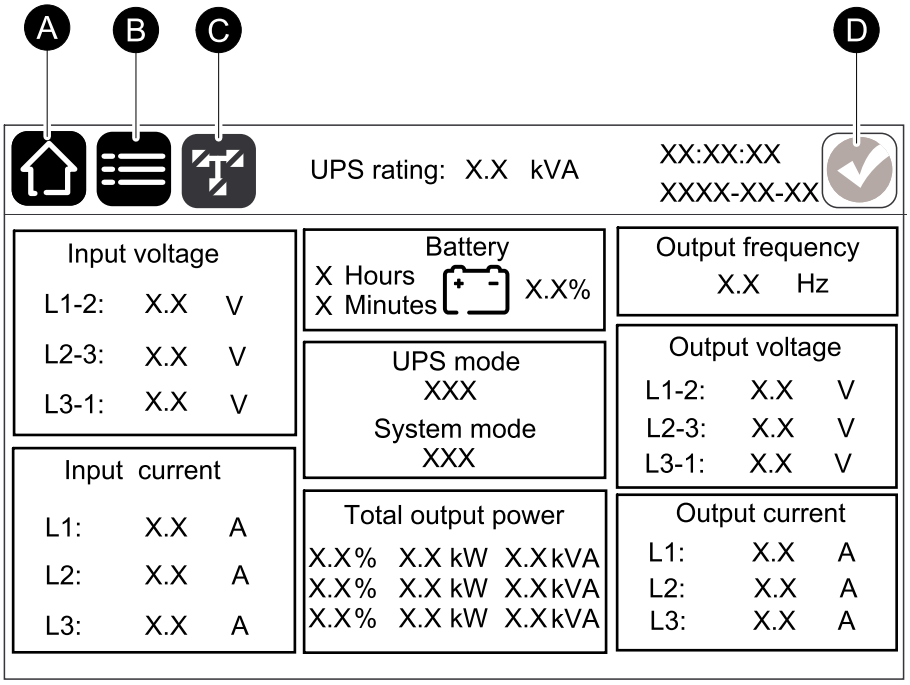
Display



Status LEDs

LED	State	Description
ALARM	Steady red	Critical alarm.
	Flashing red	Warning alarm.
	Off	No alarm condition.
BYPASS	Steady yellow	The load is supplied by the bypass source.
	Flashing yellow	There is an alarm condition on the bypass source.
	Off	The load is not supplied by the bypass source.
BATTERY	Steady yellow	The load is supplied by the battery source.
	Flashing yellow	The battery source is unavailable.
	Off	The load is not supplied by the battery source.
INVERTER	Steady green	Inverter on.
	Off	Inverter off.

Overview of the Home Screen



A. Home button - tap here on any screen to return to the home screen.

B. Main menu button - tap here to access the menus.

C. Mimic diagram button - tap here to access the mimic diagram.

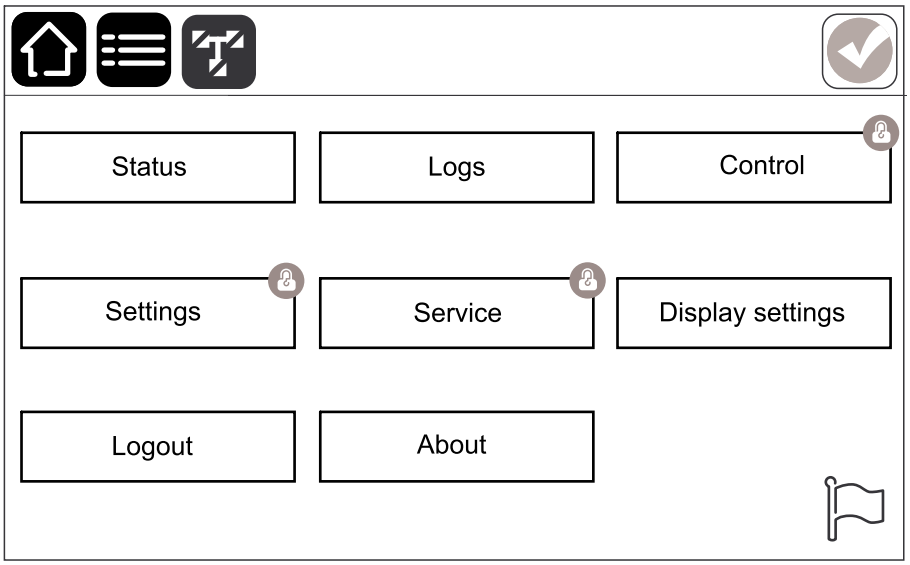
D. Alarm status symbol - tap here to access the active alarms log.

You can tap on the input, output, or battery fields on the home screen to go directly to the detailed measurement pages.

Main Menu



Tap the main menu button on the home screen to access the menus.

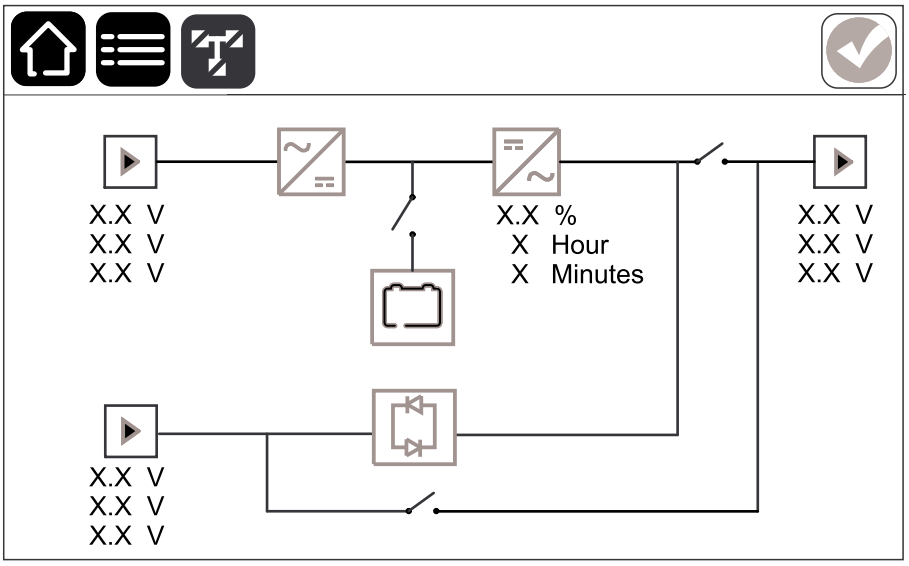


Mimic Diagram

Tap the mimic diagram button on the home screen to access the mimic diagram.

The mimic diagram will adapt to your system configuration – the mimic diagram shown here is just an example.

Example of Single UPS System – Single Mains



The green power line (gray in illustration) in the mimic diagram shows the power flow through the UPS system. Active modules (inverter, rectifier, battery, static bypass switch, etc.) are framed in green and inactive modules are framed in black.

Alarm Status Symbols

The alarm status symbol (gray in illustration) in the top right corner of the display changes depending on the alarm status of the UPS system.

	Green: No alarms present in the UPS system.
	Blue: Informational alarm(s) present in the UPS system. Tap the alarm status symbol to open the active alarms log.
	Yellow: Warning alarm(s) present in the UPS system. Tap the alarm status symbol to open the active alarms log.
	Red: Critical alarm(s) present in the UPS system. Tap the alarm status symbol to open the active alarms log.
	Red: Connection from the display to the UPS is lost.

Menu Tree

Main Menu

- **Status** – see Submenus for Status, page 19.
- **Logs** – see View the Log, page 50.
- **Control** – see Submenus for Control, page 19.
- **Settings** – see Submenus for Settings, page 19.
- **Service** – see Submenus for Service, page 20.
- **Display settings** – see Configure the Display Preferences, page 24.
- **Logout** – see Change the Password, page 25.
- **About**

Submenus for Status

- **Status** – see View System Status Information, page 42.
  - **Input**
  - **Output**
  - **Bypass**
  - **Battery**
  - **Status information**

Submenus for Control

- **Control**(1)
  - **Inverter ON/OFF** – see Turn the Inverter ON, page 35 and Turn the Inverter OFF, page 35.
  - **Self-test** – see Start a Battery Self-test, page 44.
  - **Charging settings** – see Configure the Charging Settings, page 33.

Submenus for Settings

- **Settings**(1)
  - **System settings** – see Configure the System Settings, page 26.
  - **Parallel settings** – see View the Parallel Settings, page 43.
  - **Output settings** – see Configure the Output, page 27.
  - **Bypass settings** – see View the Bypass Settings, page 43.
  - **Battery settings** – see Configure the Battery Settings, page 27.
  - **Contacts and relays** – see Configure the Input Contacts and Output Relays, page 30.
  - **Current limit settings** – see Configure the Current Limit Settings, page 32.
  - **General settings**
    - **Date and time** – see Set the Date and Time, page 25.
    - **Contact information** – see Set the Contact Information, page 26.
    - **UPS name** – see Configure the System Settings, page 26.
  - **Communication settings** – see Configure the Communication Settings, page 25.

(1) This menu requires administrator login to access.

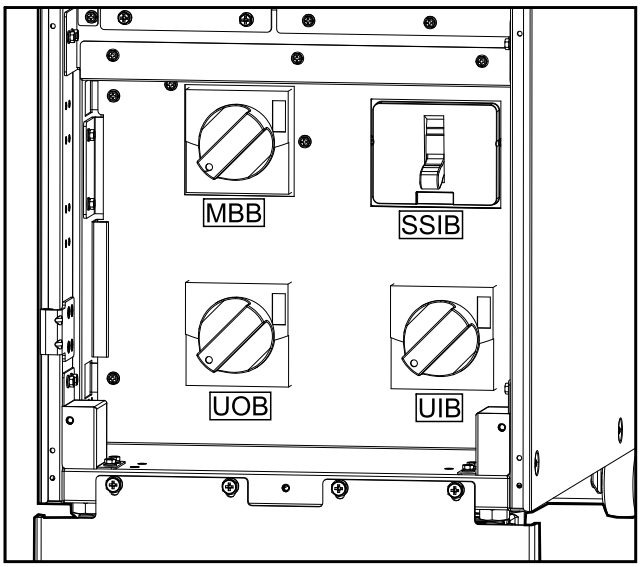
Submenus for Service

- **Service**(2)
  - **LCM settings** – see Configure Life Cycle Monitoring, page 33.
  - **Clear alarm(s)** – see Clear Alarm, page 50.
  - **Export data to USB**
    - **Export logs** – see Export UPS Event Logs to a USB Device, page 53.
    - **Export settings** – see Export UPS Settings to a USB Device, page 54.

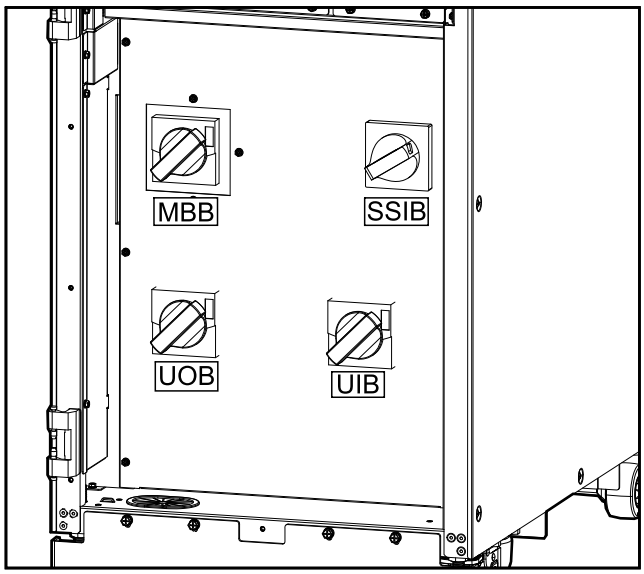
(2) This menu requires administrator login to access.

Location of Disconnect Devices

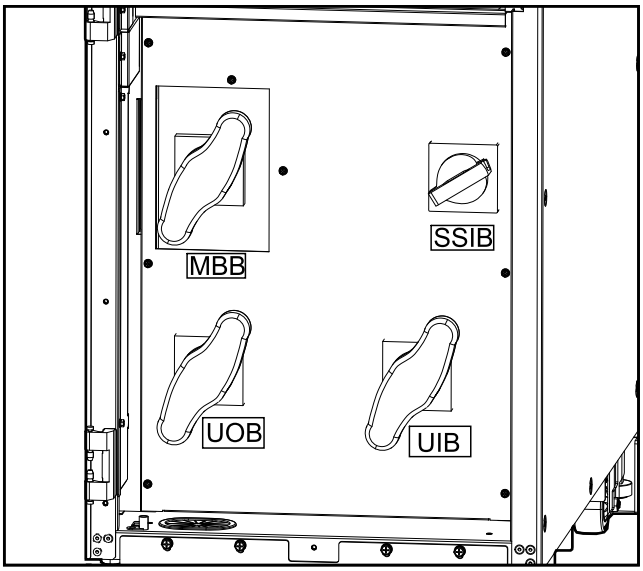
Front View of 60-100 kVA UPS



Front View of 120-160 kVA UPS



Front View of 200 kVA UPS



Operation Modes

UPS Modes

Normal Operation

The UPS provides power to the connected load from mains. The UPS converts mains to conditioned power for the connected load while recharging the batteries (float or boost charge).

Battery Operation

The UPS transfers to battery operation if the mains supply fails. The UPS provides power to the connected load from the connected batteries for a finite period. When the mains supply returns, the UPS transfers back to normal operation.

Static Bypass Operation

The UPS supplies the load with power from the bypass source. If the conditions for normal or battery operation are not met, the load will be transferred from the inverter to the bypass source with no interruption in power to the load.

Maintenance Bypass Operation

In maintenance bypass operation, the mains is sent via the external MBB to the load. Battery backup is not available in maintenance bypass operation.

ECO Mode

In ECO mode the UPS is configured to use static bypass mode as the preferred operation mode under predefined circumstances. The inverter is in standby in ECO mode and in case of interruption to the mains, the UPS transfers to battery mode and the load is supplied from the inverter.

NOTE: This mode is disabled by default, please contact Schneider Electric to enable this mode. If ECO mode is enabled, you cannot exit this operation mode by using the display, please also contact Schneider Electric for assistance.

Autostart Mode

When autostart is enabled, the UPS automatically restarts the inverter and bypass when the mains returns. By default autostart is enabled.

NOTE: If autostart is disabled, the inverter and bypass will not restart automatically when the mains return.

Frequency Converter Mode

In frequency converter mode, the UPS presents a stable output frequency (at 50 or 60 Hz) and static bypass is not available.

NOTICE

RISK OF EQUIPMENT DAMAGE OR LOAD DROP

In frequency converter mode the UPS cannot run in static bypass operation or maintenance bypass operation. Before turning the UPS into frequency converter mode, you must contact a Schneider Electric-certified partner to make sure that:

- the SSIB and the MBB are in the OFF (opened) position (Schneider Electric strongly recommends to lock these with a padlock available from Schneider Electric).
- no cables are connected to the bypass terminals.

Failure to follow these instructions can result in equipment damage.

LBS Mode (Optional)

NOTE: LBS mode requires connection of optional synchronization cables. Refer to the installation manual for more information.

When LBS mode is enabled, the output of two independent UPS systems (single or parallel) will be synchronized. Synchronization of the output is not supported when both UPS systems are in static bypass operation or maintenance bypass operation.

Configuration

Set the Display Language

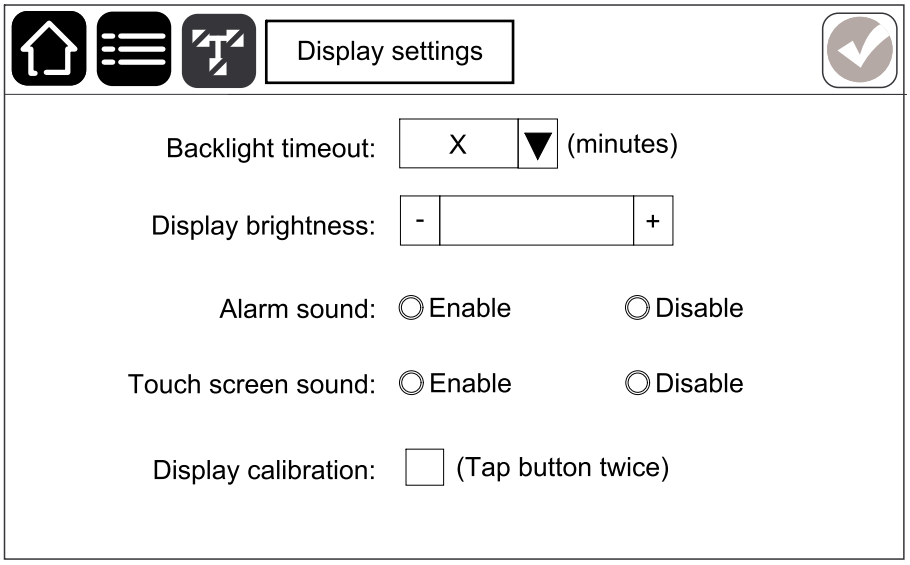
1. Tap the flag button on the main menu screen.



2. Tap your language.

Configure the Display Preferences

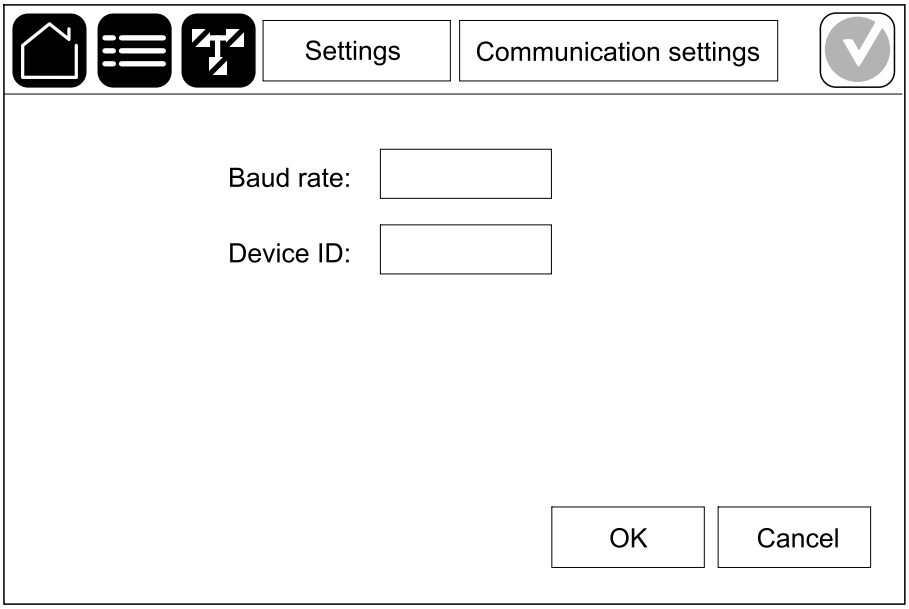
1. From the main menu, tap **Display settings**.



2. Set the **Backlight timeout** to **0**, **10**, **20**, **30**, **40** or **50** minutes.
3. Set the **Display brightness** by tapping the - or +.
4. Set the **Alarm sound** to **Enable** or **Disable**. This will enable/mute all alarm sounds.
5. Set the **Touch screen sound** to **Enable** or **Disable**. This will enable/mute all display sounds (excluding alarm sounds).
6. Calibrate the touch functionality of the display by tapping the display calibration button twice.

Configure the Communication Settings

1. From the main menu, tap **Settings > Communication settings**.



2. Set the **Baud rate** for communication to **2400**, **4800**, **9600**, **14400**, or **19200**.
3. Enter the **Device ID** for communication. Choose between 1-255.
4. Tap **OK** to save your settings.

Change the Password

NOTE: Always change your password on your first login and keep the password in a secure location.

1. From the main menu, tap **Logout**.
2. Tap **Password settings**.
3. Enter the old password and the new password, tap **Change**.

   NOTE: The default administrator user name is **admin** and password is **E3Mp003526**.

Set the UPS Name

1. From the main menu, tap **Settings > General settings > UPS name**.
2. Set the UPS name.
3. Tap **OK** to save your settings.

Set the Date and Time

1. From the main menu, tap **Settings > General settings > Date and time**.
2. Set the **Year**, **Month**, **Day**, **Hour**, **Minute**, and **Second**.
3. Tap **OK** to save your settings.

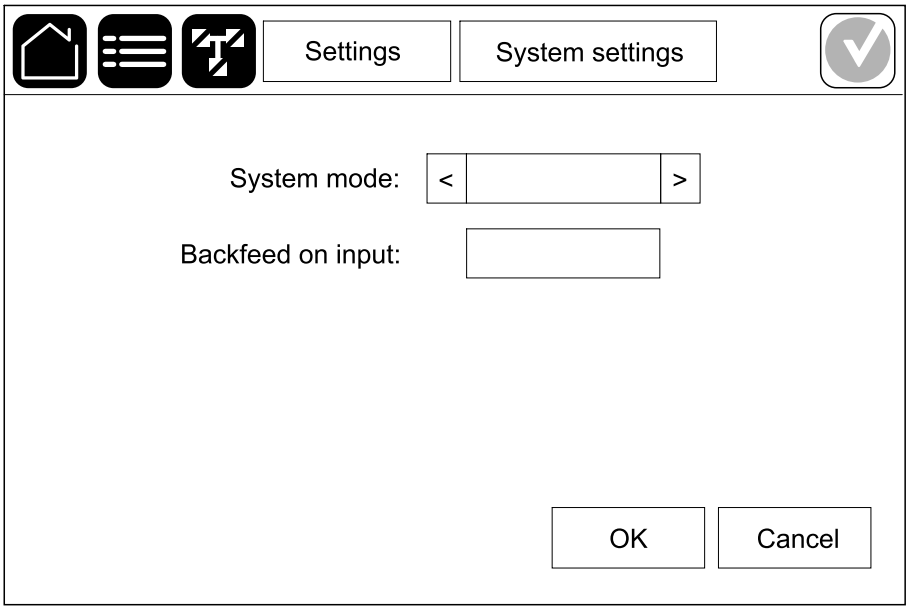
Set the Contact Information

1. From the main menu, tap **Settings > General settings > Contact information**.
2. Set the local contact name and phone number.
3. Tap **OK** to save your settings.

Configure the System Settings

NOTICE
RISK OF EQUIPMENT DAMAGE Only trained personnel following the required training must make modifications to the UPS system parameters. **Failure to follow these instructions can result in equipment damage.**

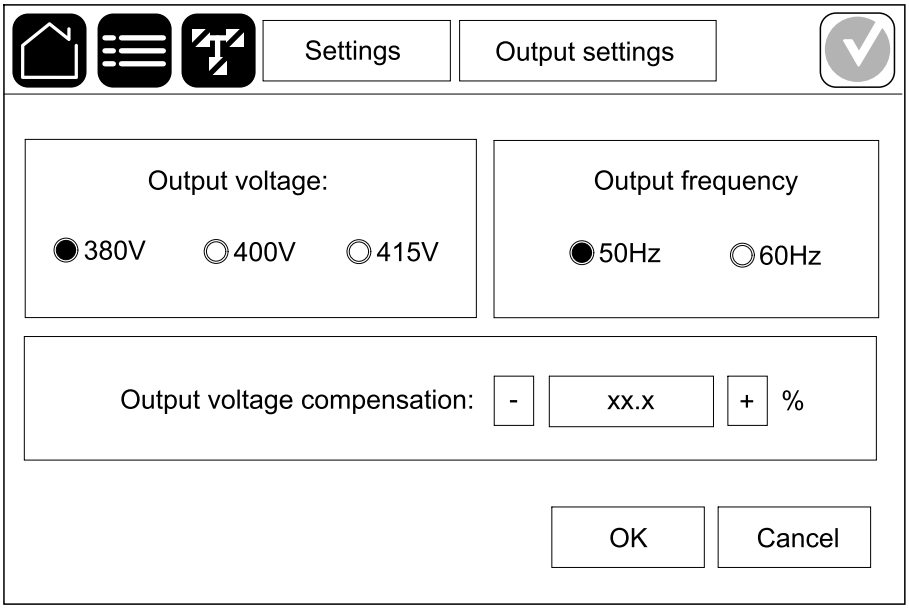
1. From the main menu, tap **Settings > System settings**.



2. Set the **System mode**. Choose between:
   - Choose **ECO mode** to use static bypass operation as the preferred operation mode.
   - Choose **Single mode** for a single UPS.
3. Set the **Backfeed on input** to **Enable** or **Disable**.
4. Tap **OK** to save your settings.

Configure the Output

1. From the main menu, tap **Settings > Output settings**.



2. Set the **Output voltage** to **380V**, **400V**, or **415V** depending on your configuration.
3. Set the **Output frequency** to **50Hz** or **60Hz** depending on your configuration.
4. Set the **Output voltage compensation**. The output voltage of the UPS can be adjusted up to ±5% to compensate for different cable lengths.
5. Tap **OK** to save your settings.

Configure the Battery Settings

⚠⚠DANGER

HAZARD OF ELECTRICAL SHOCK, EXPLOSION, OR ARC FLASH

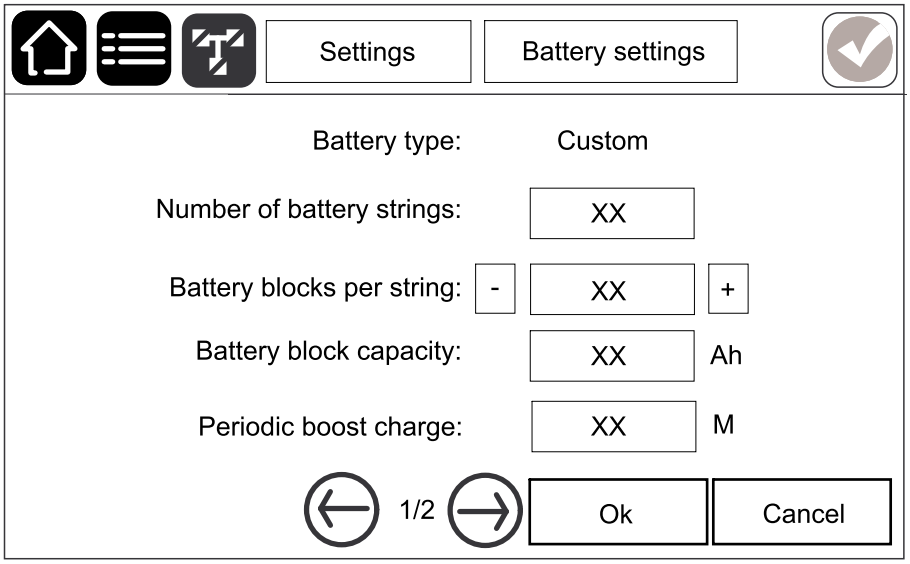
Battery settings must only be configured by qualified personnel knowledgeable of batteries, battery configuration, and the required precautions.

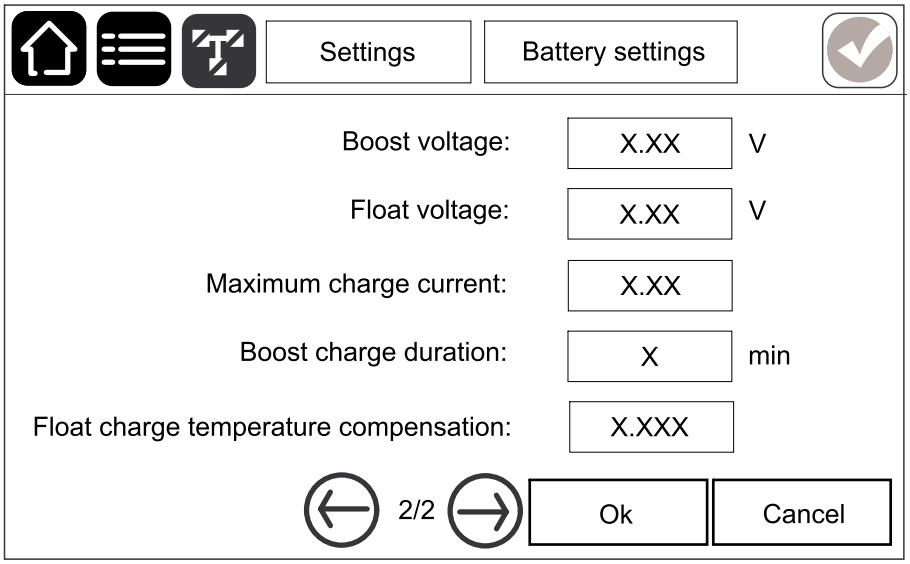
Failure to follow these instructions will result in death or serious injury.

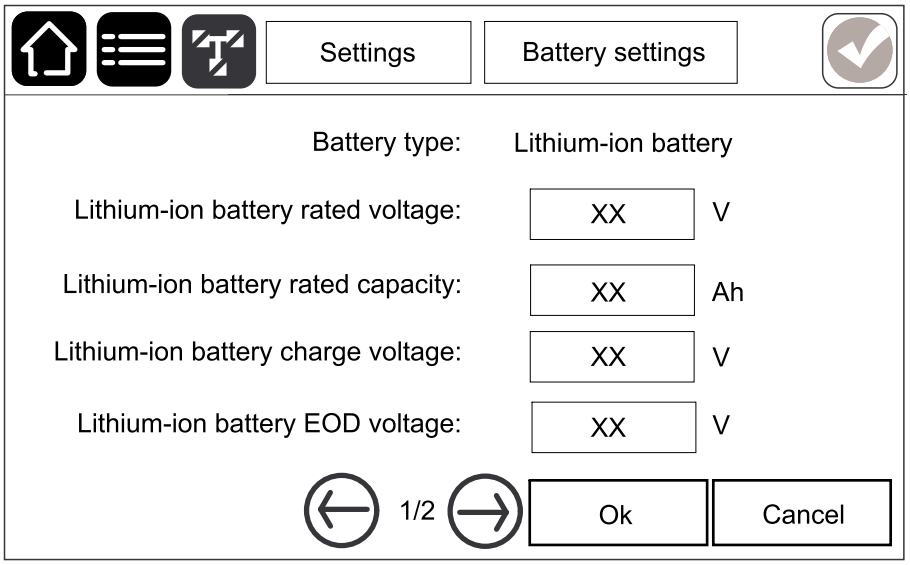
1. From the main menu, tap **Settings > Battery settings**.
2. Your battery solution type will be shown as:
   - **Custom** if you have a custom battery solution.
   - **Lithium-ion battery** if you have a Lithium-ion battery solution.

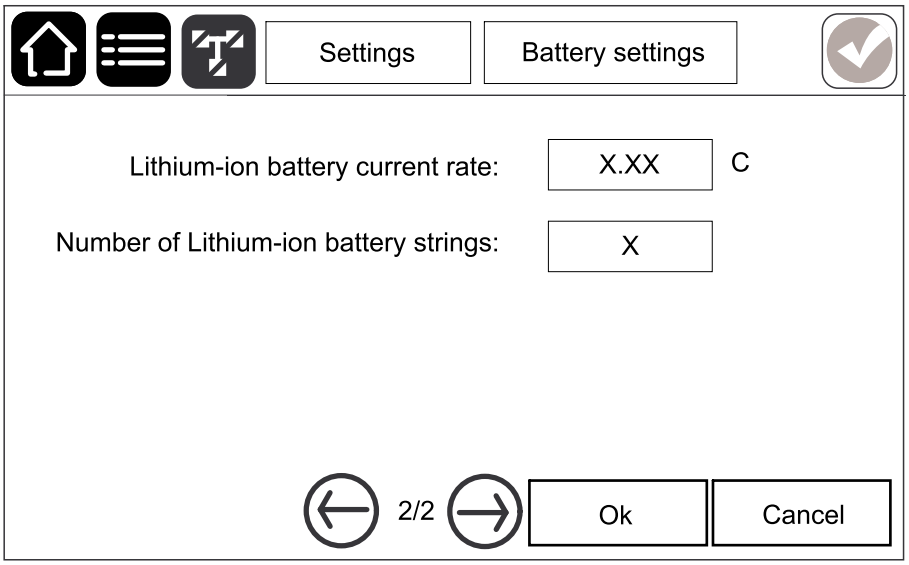
3. Set up the following parameters:

   NOTE: On each page, tap **OK** to save your settings and tap the arrow symbol to go to the next page.









Custom battery:

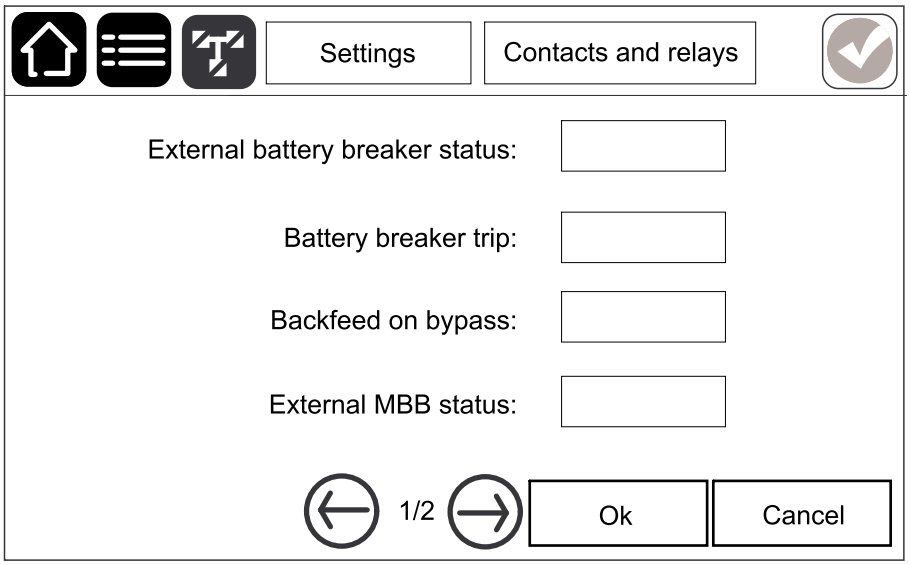
Number of battery strings	Set the number of battery strings in the battery solution.
Battery blocks per string	Set the number of battery blocks in one battery string.
Battery block capacity (Ah)	Set the rated capacity of the battery block.
Periodic boost charge (M)	Set the interval in months for changing from float charge to boost charge.
Boost voltage (V)	Set the upper limit for the boost charge voltage of a battery cell. Choose a value between 2.30 and 2.40.
Float voltage (V)	Choose a value between 2.20 and 2.29.
Maximum charge current	Choose a value between 0.05 and 0.15 C.
Boost charge duration (min)	Set the duration of the boost charge. Choose a value between 0 and 1440 minutes.
Float charge temperature compensation	Choose a value between 0 and 0.007 V/°C per cell.

Lithium-ion battery:

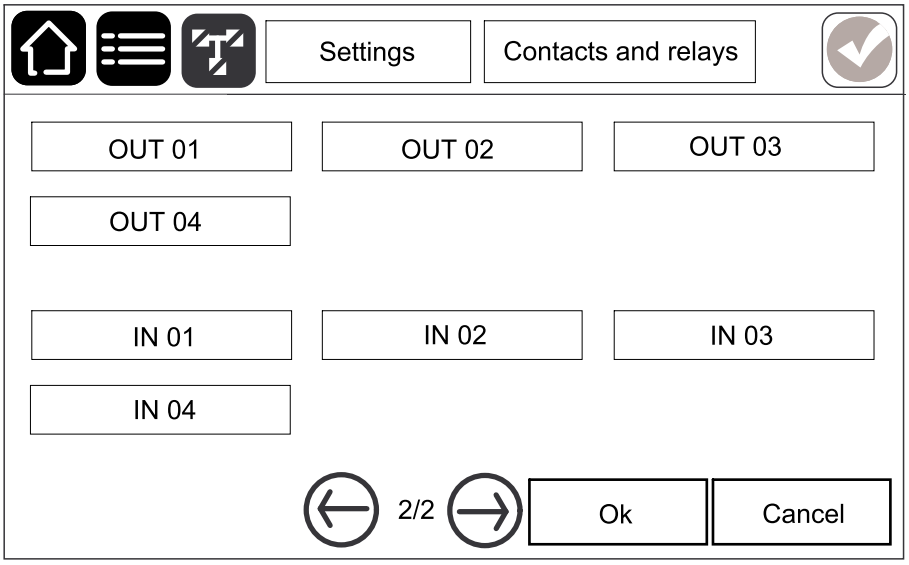
Lithium-ion battery rated voltage (V)	Set the rated voltage of the Lithium-ion battery. Choose a value between 384 and 615 V.
Lithium-ion battery rated capacity (Ah)	Set the rated capacity of the Lithium-ion battery. Choose a value between 7 and 2000 Ah.
Lithium-ion battery charge voltage (V)	Set the charge voltage of the Lithium-ion battery. Choose a value between 396 and 720.
Lithium-ion battery EOD voltage (V)	Set the EOD voltage of the Lithium-ion battery. Choose a value between 288 and 600.
Lithium-ion battery current rate (C)	Set the current rate of the Lithium-ion battery. Choose a value between 0.05 and 1.00.
Number of Lithium-ion battery strings	Set the number of Lithium-ion battery strings in the battery solution.

Configure the Input Contacts and Output Relays

1. From the main menu, tap **Settings > Contacts and relays**.
2. Enable or Disable the following features:
   - **External battery breaker status**
   - **Battery breaker trip**
   - **Backfeed on bypass**
   - **External MBB status**



3. Tap the arrow symbol to go to the next page.



a. Tap an output relay and set the function. Choose between:

- **Disable**
- **Common alarm**
- **In normal operation**
- **On battery**
- **Static bypass**
- **Maintenance bypass**
- **Output overload**
- **Fan inoperable**
- **Battery inoperable**
- **Battery disconnected**
- **Battery voltage low**
- **Input out of tolerance**
- **Bypass out of tolerance**
- **EPO active**

b. Tap an input relay and set the function. Choose between:

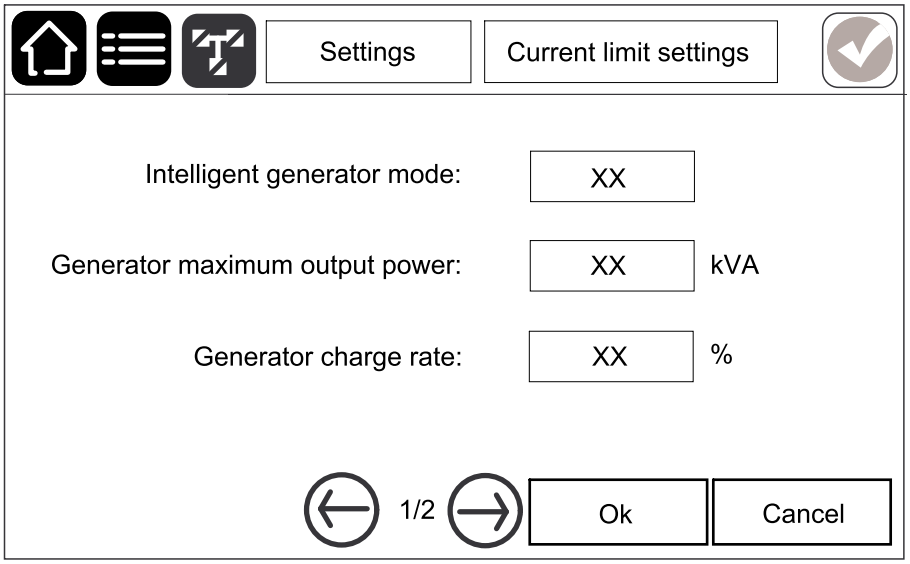
- **Disable**
- **Inverter ON**
- **Inverter OFF**
- **Battery inoperable**
- **Genset on**
- **Charging prohibited**
- **Discharging prohibited**
- **BMS alarm**
- **Firefighting alarm**
- **Charging derating**
- **Custom alarm 3**
- **Custom alarm 4**
- **Disable ECO**
- **Forced inverter OFF**

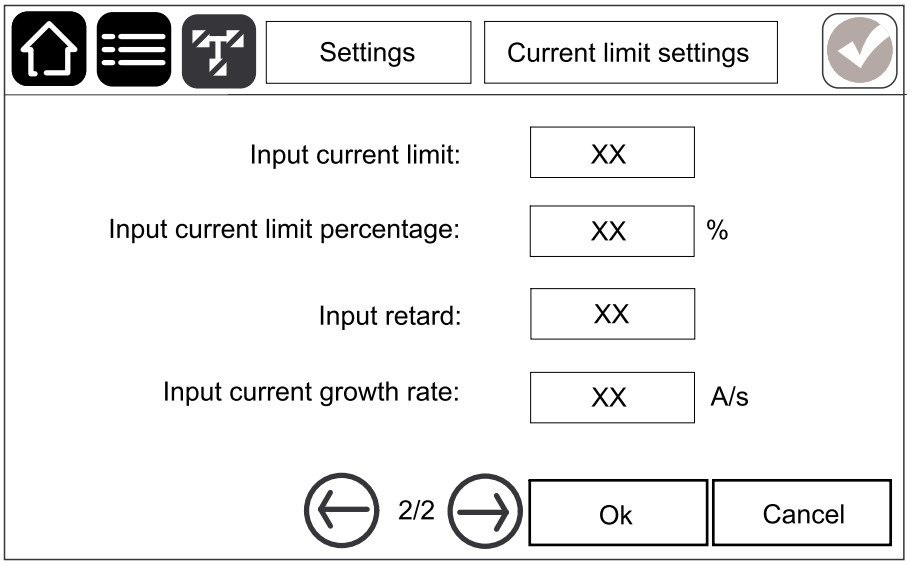
4. Tap **OK** to save your settings.

Configure the Current Limit Settings

1. From the main menu, tap **Settings > Current limit settings**.
2. Set up the following parameters:

   NOTE: On each page, tap **OK** to save your settings and tap the arrow symbol to go to the next page.

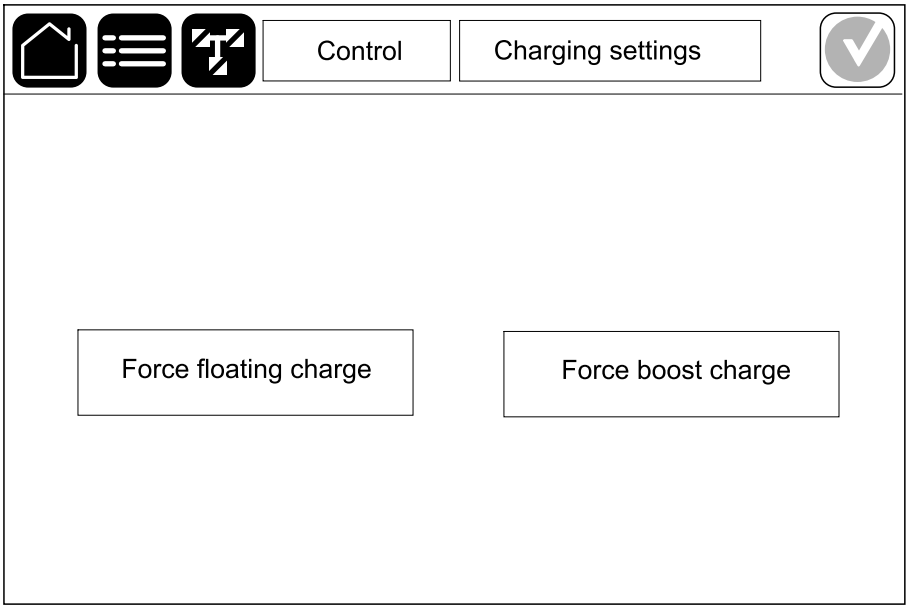




Intelligent generator mode	Set the intelligent generator mode to **Enable** or **Disable**.
Generator maximum output power (kVA)	Set the maximum output power of the generator. Choose a value between 0 and 10000.
Generator charge rate (%)	Set the charge rate of the generator. Choose a value between 0 and 100.
Input current limit	Set the input current limit to **Enable** or **Disable**.
Input current limit percentage (%)	Set the input current limit percentage. Choose a value between 50 and 200.
Input retard	Set the input retard to **Enable** or **Disable**.
Input current growth rate (A/s)	Set the input current limit growth rate. Choose a value between 100 and 400.

Configure the Charging Settings

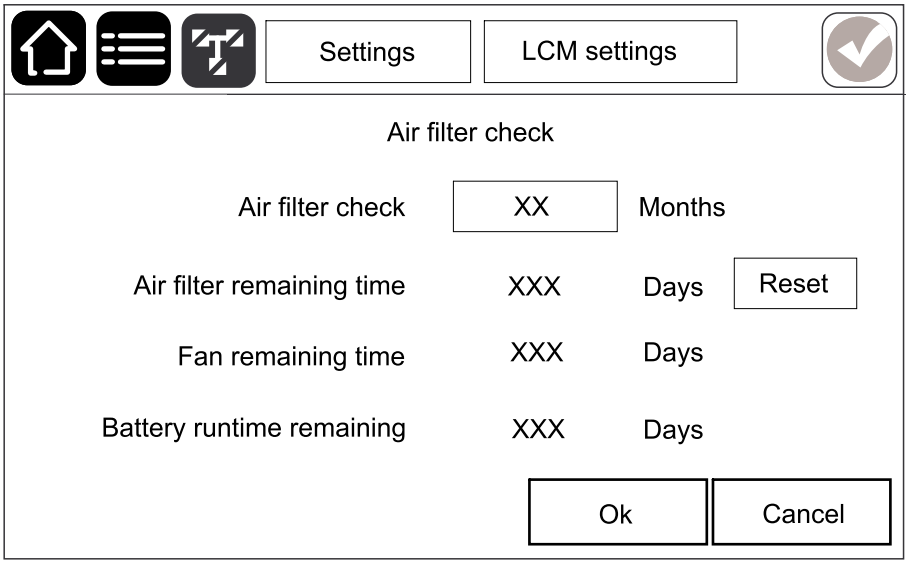
1. From the main menu, tap **Control > Charging settings**.



2. Tap **Force floating charge** or **Force boost charge**.

Configure Life Cycle Monitoring

1. From the main menu, tap **Settings > LCM settings**.



   a. Set the time in months between air filter checks. The system will generate a **Check air filter** message when it is time to check the air filters.

   b. Under **Air filter remaining time** you can see how much service life the air filter in use has left. Tap **Reset** to reset the air filter service life counter.

   c. Under **Fan remaining time** you can see how much service life the fan in use has left.

   d. Under **Battery runtime remaining** you can see how much service life the battery in use has left.

2. Tap **OK** to save your settings.

Operation Procedures

Transfer a Single UPS from Normal Operation to Static Bypass Operation

1. From the main menu, tap **Control > Inverter OFF**.

   The UPS transfers from normal to static bypass operation without an interruption to the load.

   The LEDs on the user interface show as follows:

   ALARM 

   BYPASS 

   BATTERY 

   INVERTER 

Transfer a Single UPS from Static Bypass Operation to Normal Operation

NOTE: The UPS will normally transfer automatically from static bypass operation to normal operation. This procedure can be used to manually transfer to normal operation if the bypass frequency or voltage is above the specified limits.

1. From the main menu, tap **Control > Inverter ON**.

   The LEDs on the user interface show as follows:

   ALARM 

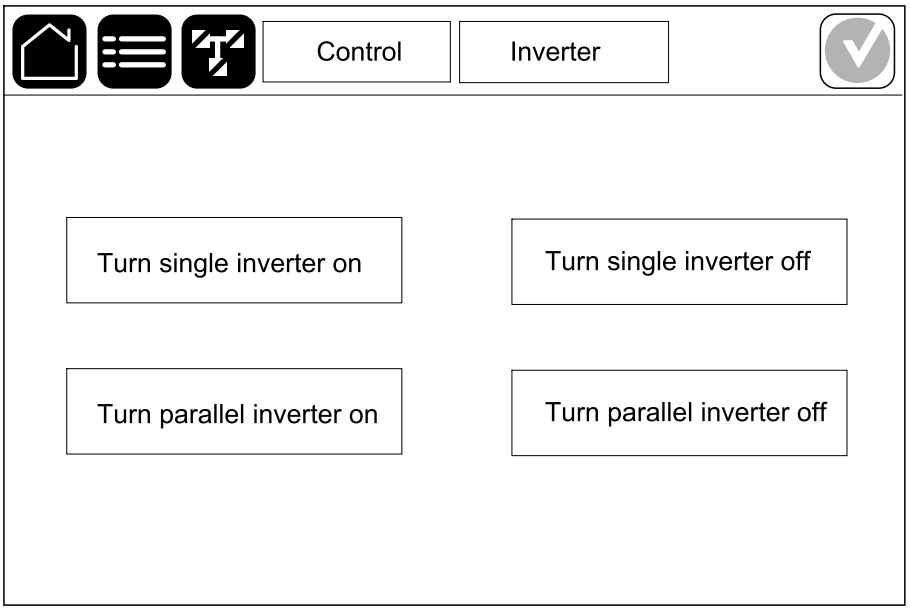
   BYPASS 

   BATTERY 

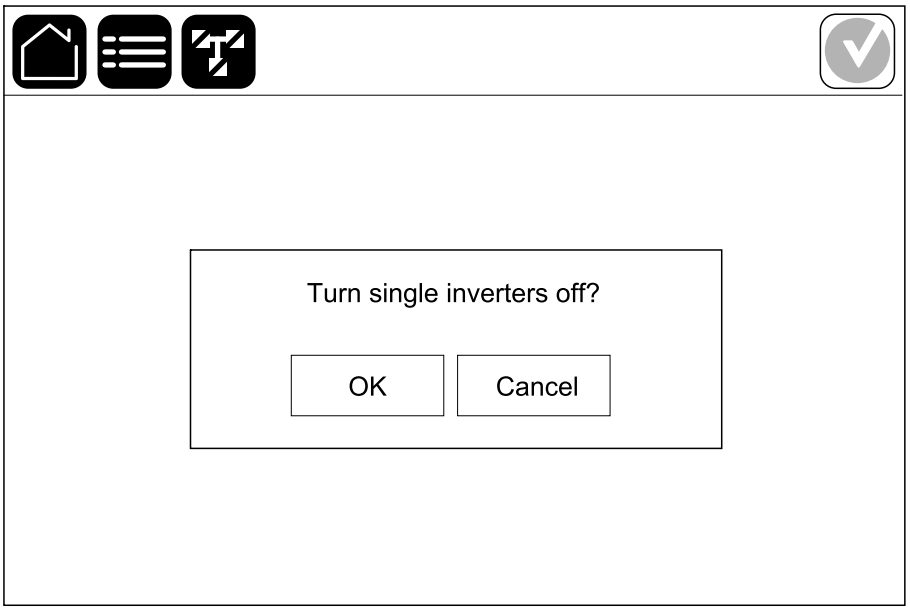
   INVERTER 

Turn the Inverter OFF

1. From the main menu, tap **Control > Inverter ON/OFF**. Tap **Turn single inverter off** or **Turn parallel inverter off**.



2. Tap **OK** on the confirmation screen.



Turn the Inverter ON

1. From the main menu, tap **Control > Inverter ON/OFF**. Tap **Turn single inverter on** or **Turn parallel inverter on**.
2. Tap **OK** on the confirmation screen.

Start Up a Single UPS in Normal Operation

NOTE: When the UPS starts up, any stored settings will be used.

1. Check that all disconnect devices are in the OFF (open) position.
2. Turn SSIB to the ON (closed) position.

   The display turns on and the Home screen is shown.
3. Turn UOB to the ON (closed) position.

   Wait approximately 90 seconds until the bypass LED turns steady yellow. The UPS starts up in static bypass mode.
4. Turn UIB to the ON (closed) position.

   The rectifier ramps up. When the rectifier is ready, the inverter starts up and synchronizes with bypass.

   The LEDs on the user interface show as follows:

   ALARM 

   BYPASS 

   BATTERY 

   INVERTER 
5. Wait approximately 150 seconds until the inverter LED turns steady green, the UPS transfers automatically from static bypass operation to normal operation.

   The LEDs on the user interface show as follows:

   ALARM 

   BYPASS 

   BATTERY 

   INVERTER 
6. Turn the battery disconnect device(s) BB to the ON (closed) position.

Transfer a Single UPS from Normal Operation to Maintenance Bypass Operation

1. From the main menu, tap **Control > Inverter OFF**.
2. Turn MBB to the ON (closed) position.

   The load is now supplied via maintenance bypass.
3. Turn battery disconnect device(s) BB to the OFF (open) position.
4. Turn UIB to the OFF (open) position.
5. Turn SSIB to the OFF (open) position.
6. Turn UOB to the OFF (open) position.

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Wait at least 8 minutes before removing the cover of the UPS after the display has turned off to allow for the capacitors to fully discharge.
- Always measure for hazardous voltages on all terminals before working on the UPS.

Failure to follow these instructions will result in death or serious injury.

Transfer a Single UPS from Maintenance Bypass Operation to Normal Operation

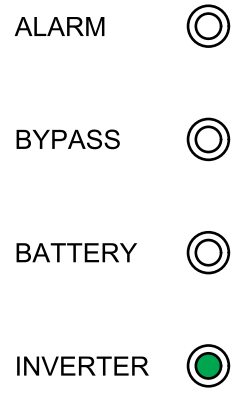
1. Check that MBB is in the ON (closed) position and all other disconnect devices are in the OFF (open) position.
2. Turn SSIB to the ON (closed) position.

   The display turns on and the Home screen is shown.
3. Turn UOB to the ON (closed) position. Wait approximately 90 seconds until the bypass LEDs turn yellow.

   The UPS starts up in static bypass mode.
4. Turn UIB to the ON (closed) position.

   The rectifier ramps up.
5. Turn battery disconnect device(s) BB to the ON (closed) position.
6. Turn MBB to the OFF (open) position.

   The UPS automatically transfers to normal operation.



Transfer a Parallel System from Normal Operation to Maintenance Bypass Operation

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

To completely isolate the UPSs, all upstream disconnect devices (MIB, BIB, and SIB) must be in the OFF (open) position.

Failure to follow these instructions will result in death or serious injury.

1. From the main menu, tap **Control > Inverter OFF > Parallel OFF**.

   All UPSs will turn to static bypass mode.
2. Turn the Ext. MBB to the ON (closed) position.

   The load is now supplied via the external maintenance bypass.
3. Turn battery disconnect device(s) BB of all UPSs to the OFF (open) position.
4. Turn MIB and BIB of all UPSs to the OFF (open) position if available.
5. Turn UIB and the SSIB of all UPSs to the OFF (open) position.
6. Turn UOB of all UPS and the SIB to the OFF (open) position.

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Wait at least 8 minutes before removing the cover of the UPS after the display has turned off to allow for the capacitors to fully discharge.
- Always measure for hazardous voltages on all terminals before working on the UPS.

Failure to follow these instructions will result in death or serious injury.

Transfer a Parallel System from Maintenance Bypass Operation to Normal Operation

1. Check that:
   a. All upstream disconnect devices (MIB, BIB), downstream disconnect devices (Ext. UOB and SIB), and UPS disconnect devices (UIB, SSIB, UOB) are in the OFF (open) position.
   b. All UPS disconnect devices (UIB, SSIB, and UOB) and the Ext.UOB are in the ON (closed) position.
   c. The battery disconnect device(s) BB are in the OFF (open) position.
2. Turn SIB and UOB of all UPSs to ON (closed) position.
3. Turn BIB and SSIB of all UPSs to the ON (closed) position.

   Wait approximately 90 seconds until the bypass LEDs turn yellow.
4. Turn MIB and the UIB of all UPSs to the ON (closed) position.
5. Turn battery disconnect device(s) BB of all UPSs to the ON (closed) position.
6. Turn Ext. MBB to the OFF (open) position.

   When the inverter LED turns steady green, the parallel system automatically transfers from static bypass to normal operation.

   The LEDs on the user interfaces show as follows:

   ALARM 

   BYPASS 

   BATTERY 

   INVERTER 

   The parallel system is now in normal mode.

Isolate a Single UPS from the Parallel System

Use this procedure to shut down one UPS in a running parallel system.

NOTE: Before initiating this procedure, ensure that the remaining UPS units can supply the load.

1. Turn the SSIB of this UPS to the OFF (open) position.
2. From the main menu, tap **Control > Inverter OFF > Single OFF**.
3. Turn battery disconnect device(s) BB of the UPS to the OFF (open) position.
4. Turn MIB of this UPS to the OFF (open) position.
5. Turn BIB of this UPS to the OFF (open) position.
6. Turn the Ext. UOB of this UPS to the OFF (open) position.

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- Wait at least 8 minutes before removing the cover of the UPS after the display has turned off to allow for the capacitors to fully discharge.
- Always measure for hazardous voltages on all terminals before working on the UPS.

Failure to follow these instructions will result in death or serious injury.

Start Up and Add a UPS to a Running Parallel System

Use this procedure to start up a UPS and add it to a running parallel system.

IMPORTANT: Before a UPS can be added to a parallel system, the parallel system must be configured by Schneider Electric.

⚠⚠DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Ensure that the Ext. UOB, the MIB, and the BIB for this UPS are in the OFF (open) position before connecting power cables to this UPS.

Failure to follow these instructions will result in death or serious injury.

1. On the new UPS check that:
   a. All UPS disconnect devices (UIB, SSIB, and UOB) and the Ext. UOB are in the OFF (open) position.
   b. The battery disconnect device(s) BB are in the OFF (open) position.
2. Turn the Ext. UOB of this UPS to the ON (closed) position.
3. Turn MIB and BIB of this UPS to the ON (closed) position.
4. Turn UIB, the SSIB, and the UOB of this UPS to the ON (closed) position.

   When the inverter LED turns steady green, the UPS has joined the running parallel system.

   The LEDs on the user interface show as follows:

   ALARM 

   BYPASS 

   BATTERY 

   INVERTER 

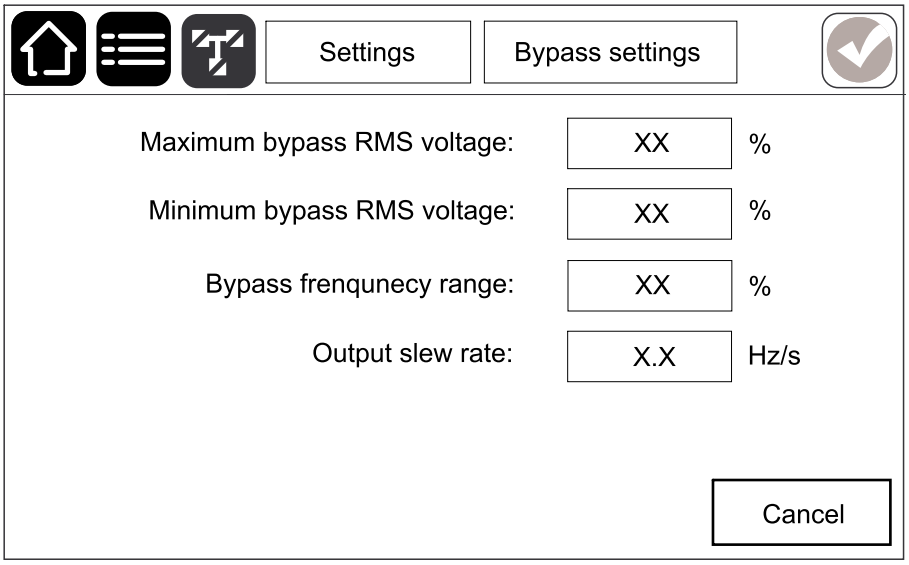
5. Turn battery disconnect device(s) BB of the UPS to the ON (closed) position.
6. Verify correct load sharing between the parallel UPS units.

View System Status Information

1. From the main menu, tap **Status**.
2. You can now select to view status information for:
   - **Input**
   - **Output**
   - **Battery**
   - **Bypass**
   - **Status information**

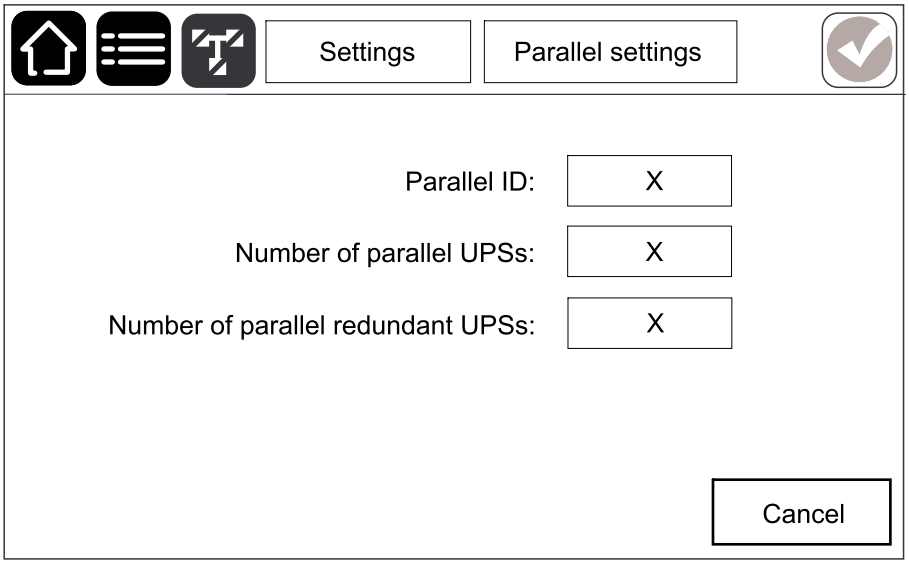
View the Bypass Settings

1. From the main menu, tap **Settings > Bypass settings** to see the bypass settings.



View the Parallel Settings

1. From the main menu, tap **Settings > Parallel settings** to see the parallel settings.



Test

Start a Battery Self-test

1. From the main menu, tap **Control > Self-test**. Tap the battery test you want to start.



10 seconds	This test will transfer the UPS to battery operation and stay in battery operation for 10 seconds.
10 minutes	This test will transfer the UPS to battery operation and stay in battery operation for 10 minutes.
–10%	This test will transfer the UPS to battery operation and stay in battery operation until the discharge level is reduced by 10 percent.
EOD	This test will transfer the UPS to battery operation and stay in battery operation until end of discharge.

Stop a Battery Test

1. From the main menu, tap **Control > Self-test**.
2. Tap **OFF**.

Maintenance

Parts Replacement

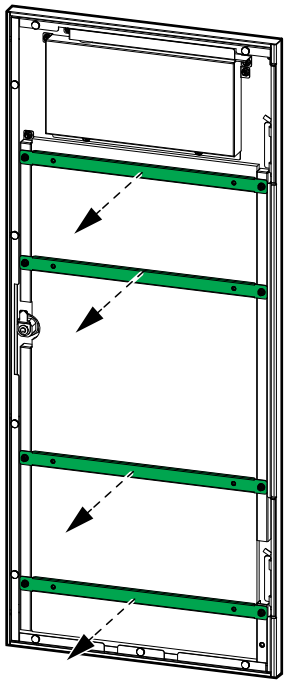
Determine if you need a Replacement Part

To determine if you need a replacement part, contact Schneider Electric and follow the procedure below so that the representative can assist you promptly:

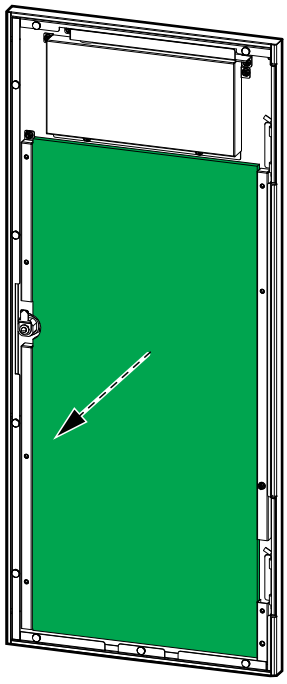
1. In the event of an alarm condition, scroll through the alarm lists, record the information, and provide it to the representative.
2. Write down the serial number of the unit so that you will have it easily accessible when you contact Schneider Electric.
3. If possible, call Schneider Electric from a telephone that is within reach of the display so that you can gather and report additional information to the representative.
4. Be prepared to provide a detailed description of the problem. A representative will help you solve the problem over the telephone, if possible, or will assign a return material authorization (RMA) number to you. If a module is returned to Schneider Electric, this RMA number must be clearly printed on the outside of the package.
5. If the unit is within the warranty period and has been started up by Schneider Electric, repairs or replacements will be performed free of charge. If it is not within the warranty period, there will be a charge.
6. If the unit is covered by a Schneider Electric service contract, have the contract available to provide information to the representative.

Replace the Air Filter

1. Open the front door of the UPS.
2. Loosen the screws and remove the metal brackets.



3. Replace the dust filter.



4. Reinstall the metal brackets and fasten with the screws.
5. Close the front door.
6. Reset the air filter counter, see Configure Life Cycle Monitoring, page 33.

Troubleshooting

Alarm Messages

Display text	Description	Corrective action
Backfeed on bypass	Backfeed is detected on bypass.	Contact Schneider Electric.
Backfeed on input	Backfeed is detected on input.	Contact Schneider Electric.
Balance bridge overcurrent alarm	Balance bridge is overcurrent.	Contact Schneider Electric.
Battery end of discharge	Battery is end of discharge.	Check the batteries or contact Schneider Electric.
Battery inoperable	There is a firefighting alarm detected on input dry contact.	Check the batteries.
Battery overvoltage	Battery is overvoltage.	Check the batteries or contact Schneider Electric.
Battery polarity reversed	Battery polarity is reversed.	Check the batteries or contact Schneider Electric.
Battery relay inoperable	Battery relay is inoperable.	Contact Schneider Electric.
Battery temperature > 45℃ **or < -20** ℃	Battery temperature is > 45℃ or < -20 ℃.	Check the battery temperature.
Battery voltage low	Battery voltage is low.	Check the batteries or contact Schneider Electric.
BMS alarm	There is a battery management system (BMS) detected.	
BMS communication lost	The battery management system (BMS) communication is lost.	
Bypass fan inoperable	Bypass fan is inoperable.	Contact Schneider Electric.
Bypass out of sync	Bypass is out of synchronization.	Check the bypass frequency.
Bypass out of tolerance	Bypass is out of tolerance.	Check the bypass voltage.
Bypass overload	The bypss load exceeds 105% of rated capacity.	Reduce the load on system.
Bypass overtemperature	Bypass is overtemperature.	Contact Schneider Electric.
Bypass phases reversed	Bypass phases are reversed.	Check the bypass phase sequence.
Bypass SCR broken	Bypass SCR is broken.	Contact Schneider Electric.
Bypass SCR shorted	Bypass SCR is shorted.	Contact Schneider Electric.
Charger inoperable	Charger is inoperable.	Contact Schneider Electric.
Charger overtemperature	Charger is overtemperature.	Contact Schneider Electric.
Check AC capacitor.	The AC capacitor needs to be checked as preventive maintenance is recommended.	Contact Schneider Electric.
Check air filter	The air filter service life has expired and requires a check.	The air filters may need to be replaced.
Check APS.	The auxiliary power supply (APS) needs to be checked as preventive maintenance is recommended.	Contact Schneider Electric.

Display text	Description	Corrective action
Check batteries.	The batteries need to be checked as preventive maintenance is recommended.	Contact Schneider Electric.
Check DC capacitor.	The DC capacitor needs to be checked as preventive maintenance is recommended.	Contact Schneider Electric.
Check fan.	The fans need to be checked as preventive maintenance is recommended.	Contact Schneider Electric.
CT on output reversed	Current transformer (CT) on output is reversed.	Contact Schneider Electric.
Custom alert 03.	Custom alert 03 is activated.	
Custom alert 04.	Custom alert 04 is activated.	
DC component inoperable	DC component is inoperable.	Contact Schneider Electric.
DC voltage incorrect	DC voltage is incorrect.	Contact Schneider Electric.
Dry contact communication lost	Dry contact communication is lost.	Check the dry contact communication wiring or contact Schneider Electric.
Dry contact supply inoperable	Dry contact supply is inoperable.	Check the dry contact supply wiring or contact Schneider Electric.
ECU cannot initialize	The electronic control unit (ECU) cannot initialize.	Contact Schneider Electric.
ECU communication lost	The electronic control unit (ECU) communication is lost.	Contact Schneider Electric.
ECU communication not initializing	The electronic control unit (ECU) communication is not initializing.	Contact Schneider Electric.
ECU inoperable	The electronic control unit (ECU) is inoperable.	Contact Schneider Electric.
ECU parallel cable abnormal	The electronic control unit (ECU) parallel cable is abnormal.	Contact Schneider Electric.
ECU setting incorrect	The electronic control unit (ECU) setting is incorrect.	Contact Schneider Electric.
ECU supply inoperable	The electronic control unit (ECU) supply is inoperable.	Contact Schneider Electric.
ECU unavailable	The electronic control unit (ECU) is unavailable.	Contact Schneider Electric.
EEPROM inoperable	Electrically erasable programmable read-only memory (EEPROM) is inoperable.	Contact Schneider Electric.
Fan inoperable	Fan is inoperable.	Contact Schneider Electric.
Firefighting alarm	There is a firefighting alarm detected on input dry contact.	Check the environment.
Firmware version is incompatible.	Firmware version is incompatible.	Contact Schneider Electric.
Incorrect use of MBB	Incorrect use of maintenance bypass disconnect device MBB.	Check MBB status and AUX switch status.
Input frequency out of tolerance	Input frequency is out of tolerance.	Check the input frequency.
Input N detect abnormal	Neutral input detect abnormal.	Check the neutral input connection.
Input phases reversed	Input phases is reversed.	Check the input phase connection.

Display text	Description	Corrective action
Input relay inoperable	Input relay is inoperable.	Contact Schneider Electric.
Input voltage out of tolerance	Input voltage is out of tolerance.	Check the phase input voltage.
Input voltage/frequency abnormal	Input voltage/frequency is abnormal.	Check the input phase connection.
Inverter bridge arm current sharing imbalance	Inverter bridge arm current sharing is imbalance.	Contact Schneider Electric.
Inverter cannot initialize	Inverter cannot initialize.	Contact Schneider Electric.
Inverter communication lost	Inverter communication is lost.	Contact Schneider Electric.
Inverter communication not initialized	Inverter communication is not initialized.	Contact Schneider Electric.
Inverter fuse blown	Inverter fuse is blown.	Contact Schneider Electric.
Inverter IGBT short circuit	Inverter IGBT is short circuit.	Contact Schneider Electric.
Inverter inoperable	Inverter is inoperable.	Contact Schneider Electric.
Inverter out of sync	Inverter is out of synchronization.	Check the load or contact Schneider Electric.
Inverter overload	The inverter load exceeds 105% of rated capacity.	Reduce the load on system.
Inverter overtemperature	Inverter is overtemperature.	Contact Schneider Electric.
Inverter parallel cable abnormal	Inverter parallel cable is abnormal.	Contact Schneider Electric.
Inverter parallel cable damaged	Inverter parallel cable is damaged.	Contact Schneider Electric.
Inverter relay damaged	Inverter relay is damaged.	Contact Schneider Electric.
Inverter relay short circuit	Inverter relay is short circuit.	Contact Schneider Electric.
Inverter self-test incomplete	Inverter self-test is incomplete.	Contact Schneider Electric.
Inverter settings incorrect	Inverter settings is incorrect.	Contact Schneider Electric.
Inverter supply inoperable	Inverter supply is inoperable.	Contact Schneider Electric.
LBS communication lost	LBS communication is lost.	Check the LBS cable connection.
Load sharing incorrect	Load sharing is incorrect.	Contact Schneider Electric.
Loss of redundancy	The load exceeds 105% of parallel system rated capacity.	Reduce the load on system.
Low battery warning	Battery voltage is lower than warning level.	Check the batteries or contact Schneider Electric.
Low lithium-ion battery capacity alarm	There is low lithium-ion battery capacity alarm on input dry contact.	Batteries should be replaced.
Max transfers to bypass	Number of transfers to bypass exceeded the preset limit.	Check the load.
Monitor CAN abnormal	Monitor CAN is abnormal.	
No battery connected	No battery is connected.	Check the batteries or contact Schneider Electric.
Number of power blocks incorrect	Number of power blocks is incorrect.	Contact Schneider Electric.
Parallel cable abnormal	Parallel cable is abnormal.	Check the parallel cable.
Parallel cable damaged	Parallel cable is damaged.	Check the parallel cable connection or contact Schneider Electric.

Display text	Description	Corrective action
Parallel cable missing	Parallel cable is missing.	Check the parallel connection.
PFC communication lost	The power factor correction (PFC) communication is lost.	Contact Schneider Electric.
Power block disconnected	Power block is disconnected.	Contact Schneider Electric.
Power block not connected	Power block is not connected.	Contact Schneider Electric.
Rectifier cannot initialize	Rectifier cannot initialize.	Contact Schneider Electric.
Rectifier communication lost	Rectifier communication is lost.	Contact Schneider Electric.
Rectifier current sharing imbalance	Rectifier current sharing is imbalance.	Contact Schneider Electric.
Rectifier inoperable	Rectifier is inoperable.	Contact Schneider Electric.
Rectifier overcurrent	Rectifier is overcurrent.	Contact Schneider Electric.
Rectifier overtemperature	Rectifier is overtemperature.	Contact Schneider Electric.
Rectifier parallel cable abnormal	Rectifier parallel cable is abnormal.	Contact Schneider Electric.
Rectifier power supply lost	Rectifier power supply is lost.	Contact Schneider Electric.
Rectifier self-test incomplete	Rectifier self-test is incomplete.	Contact Schneider Electric.
Rectifier setting incorrect	Rectifier setting is incorrect.	Contact Schneider Electric.
Room temperature > 40℃ **or < -20** ℃	Room temperature is > 40℃ or < -20 ℃.	Check ambient temperature.
RS485 sensor not connected	RS485 sensor is not connected.	Contact Schneider Electric.
Short circuit on output	There is a short circuit on the output.	Check for output short circuit.
Soft-start inoperable	Soft-start is inoperable.	Contact Schneider Electric.
UPS mode incorrect	UPS mode is incorrect.	Contact Schneider Electric.
Warranty expired.	The product is reaching the end of warranty.	
Warranty expiring soon	The product is reaching the end of warranty.	Contact Schneider Electric.

Clear Alarm

1. From the main menu, tap **Service > Clear Alarm(s)** to clear the alarm list.

View the Log

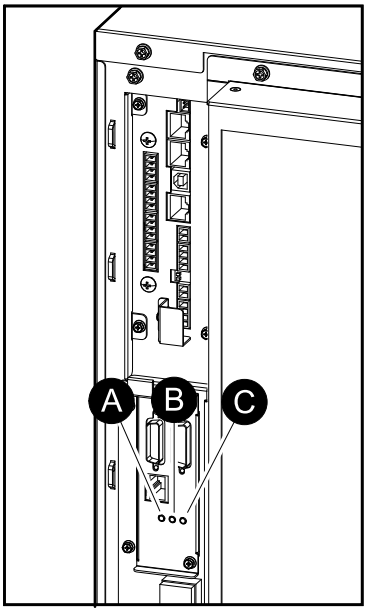
1. From the main menu, tap **Logs**.
2. You can browse through the list of events using the arrows.

Calibrate the Display

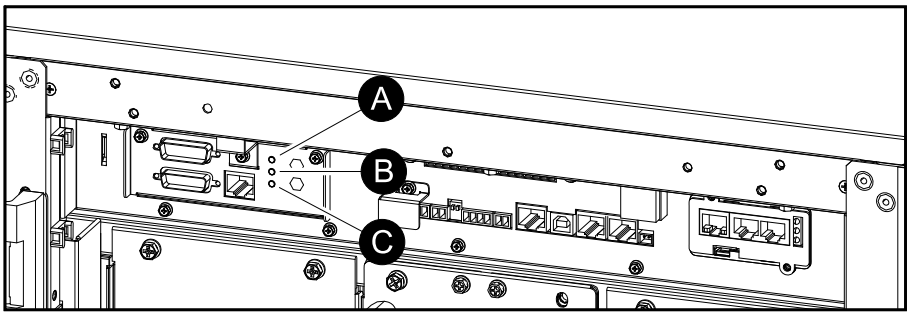
1. From the main menu, tap **Service > Display settings**.
2. Tap the crosses on the display to complete the calibration.

Status LEDs on the Communication Interface

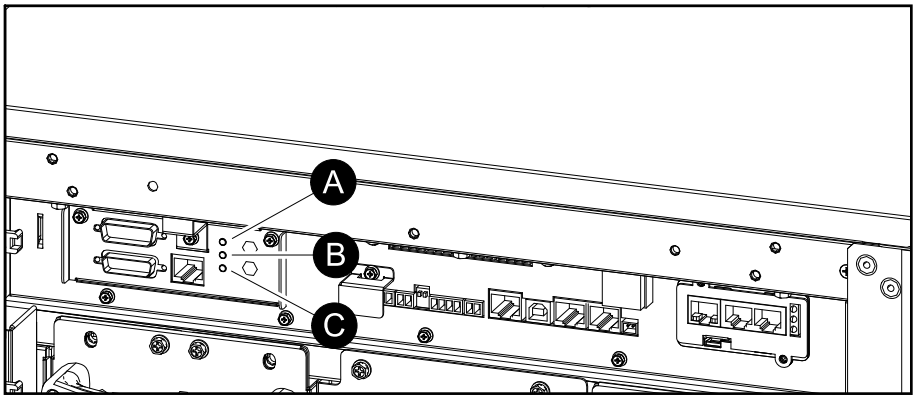
Rear View of 60-100 kVA UPS



Front View of 120 kVA UPS



Front View of 160-200 kVA UPS



LED	State	Description
A. Abnormal	Steady red	Critical alarm present
	Off	No critical alarm present
B. Alarm	Steady yellow	Warning alarm present
	Off	No warning alarm present

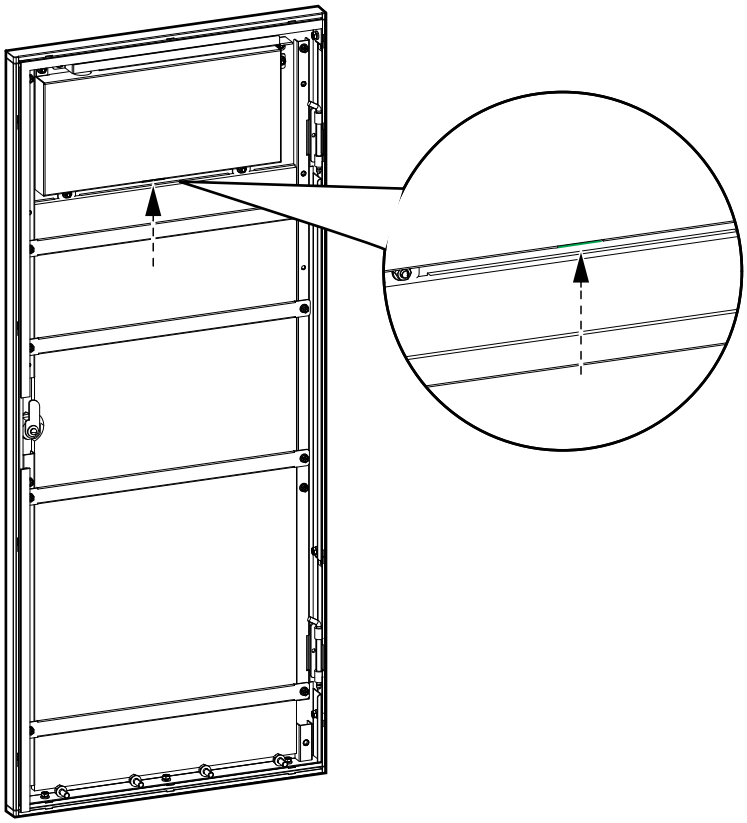
LED	State	Description
C. Normal	Steady green	Normal condition
	Flashing green	Self-testing in progress/UPS is the parallel master
	Off	UPS is off

Export UPS Event Logs to a USB Device

1. From the main menu, tap **Service > Export data to USB > Export logs**.



2. Open the front door and insert your USB device in the USB port on the display.



3. On the display, tap **Export**. When the display shows the message **Confirm to export UPS event logs**, tap **OK** to start the export process.

   NOTE: Do not remove the USB device until the export process has finished.

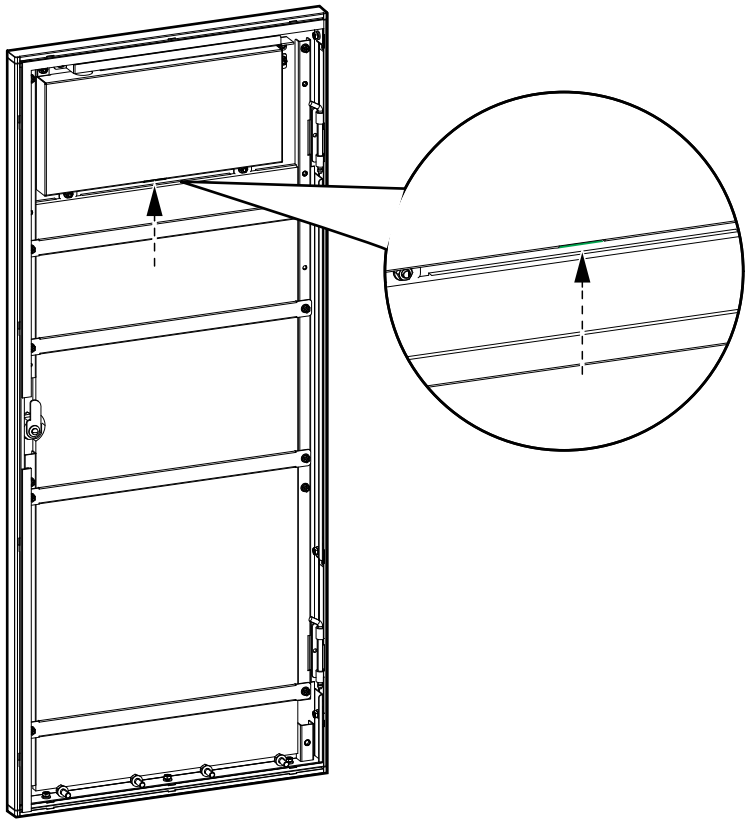
4. The display will show the completion status with the message **Export complete** or **Export incomplete**. Tap **OK** to proceed.
5. Send the UPS event logs to Schneider Electric customer support.

Export UPS Settings to a USB Device

1. From the main menu, tap **Service > Export data to USB > Export settings**.



2. Open the front door and insert your USB device in the USB port on the display.



3. On the display, tap **Export**. When the display shows the message **Confirm to export UPS settings**, tap **OK** to start the export process.

   NOTE: Do not remove the USB device until the export process has finished.

4. The display will show the completion status with the message **Export complete** or **Export incomplete**. Tap **OK** to proceed.

Schneider Electric
1884 Boulevard de la Défense
92000 Nanterre
France

www.se.com



© 2026 – 2026 Schneider Electric. All rights reserved.

990-87600A-001