selectronic
POWER ON

Mondo Ubi 3

SELECTRONIC CERTIFIED

Manual

Installation - Operation

Contents

1. Introduction

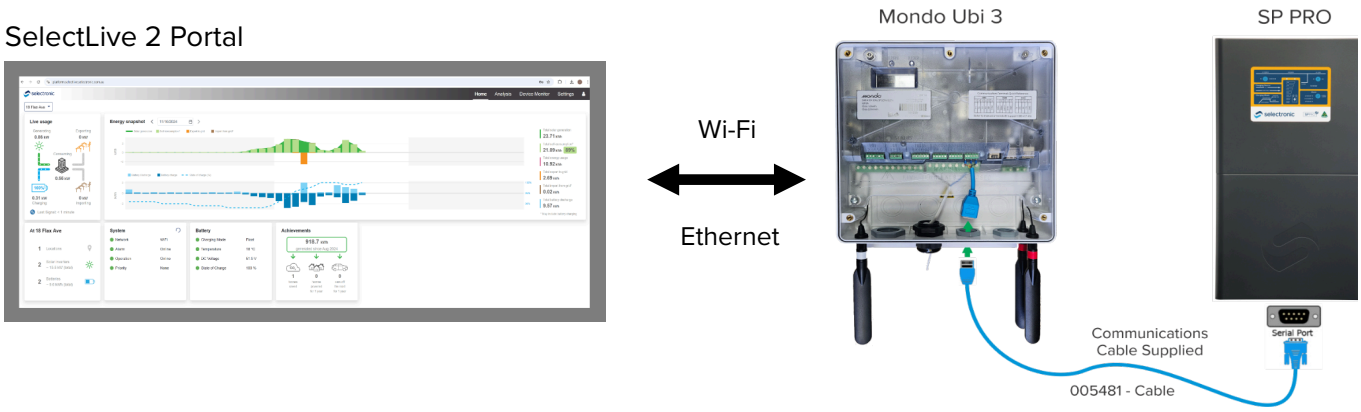
Welcome to the user manual for the groundbreaking collaboration between the Mondo® Ubi™ 3.0 (hereafter referred to as the Ubi 3) and the Selectronic SP PRO range of inverters. This partnership combines the advanced features of the Ubi 3 with the reliable performance of Selectronic SP PRO inverters, delivering an unparalleled energy management solution.

By simply connecting power and a communication cable, users can seamlessly integrate these systems to access the Selectronic portal. This integration provides users with real-time site information at their fingertips, ensuring they have all the data they need to manage their energy systems efficiently. Moreover, this setup complies with the Victorian CSIP-Aus/Emergency Backstop requirements, offering a compliant and future-ready solution for energy management.

This manual will guide you through the setup, configuration, and usage of this integrated system, helping you to fully leverage the benefits of this powerful collaboration. Let's embark on this journey towards smarter and more efficient energy management.

Compatible only with: SP PRO Firmware ≥ v16.0, Comms Card Firmware ≥ 5.22, SP Link ≥ v16.0

SP PRO must be configured completely before connecting the 005481 cable to the Ubi 3.



This configuration only requires AC mains, a network connection being Wi-Fi or Ethernet and communication between the Ubi 3 and the SP PRO.

2. Handling & Safety Instructions

Follow the instructions in this manual during the installation, testing, inspection, and maintenance of the Ubi 3 smart home energy management system. Adherence to all handling and safety instructions is mandatory.

To ensure the safe installation and operation of the Ubi 3, please note the following safety symbols that appear throughout this document to indicate dangerous conditions and important safety instructions.

2.1. Safety Symbols

WARNING!
This indicates a hazardous situation, it calls attention to a procedure that, if not correctly performed or adhered to, could result in injury or loss of life. Do not proceed beyond a warning sign until the indicated conditions are fully understood and met.

CAUTION!
This indicates a situation where failure to follow instructions may be a safety hazard or cause damage to the product. Do not proceed beyond a caution sign until the indicated conditions are fully understood and met.

NOTE!
This indicates information that is important for optimal system operation.

Safety Instructions

WARNING!
The Ubi 3 Terminal Cover may be removed only after turning off the circuit breaker located in the switchboard.

WARNING!
Before energising the Ubi 3, ensure that the power supply has been terminated correctly.

WARNING!
Do not attempt to service or repair the Ubi 3. It contains no user-serviceable parts. If the Ubi 3 is not working as expected, contact Customer Support for assistance at support@selectronic.com.au. Refer servicing to qualified personnel.

WARNING!
Only qualified personnel should troubleshoot, install or replace a Ubi 3.

WARNING!
Do not use Ubi 3 in a manner not specified by the manufacturer. Doing so may cause death, injury or damage to equipment. Adhere to all manufacture safety instructions.

WARNING!
When installing and wiring a Ubi 3 to a switchboard, always de-energise the switchboard before commencing any work.

NOTE!
To ensure optimal reliability and to meet warranty requirements, the Ubi 3 must be installed according to the instructions in this manual.

NOTE!
The Ubi 3 is IP54 rated for outdoor installation. Any unused cable entry locations must be sealed appropriately.

3. Selectronic Support

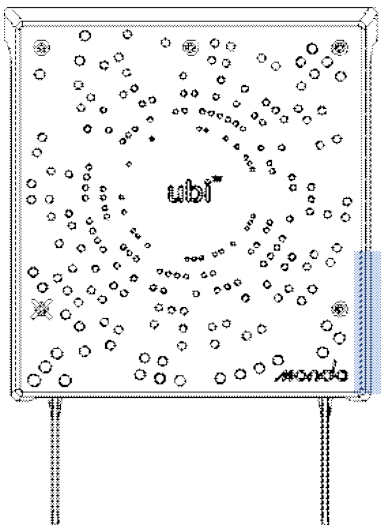
For all product, installation and support enquiries, please contact Selectronic Support.

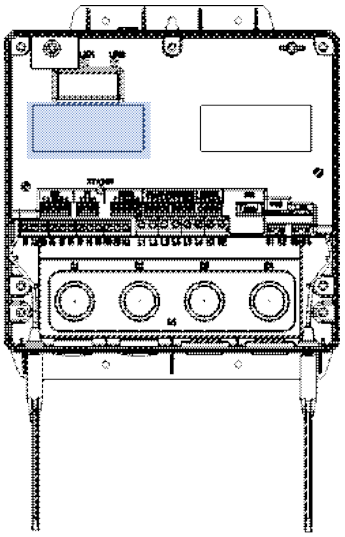
Go to: www.selectronic.com.au/support

For all support requests, please provide your Mondo® Ubi™ Serial Number, which is located on the product labels immediately below the barcode.

There are two identical labels on the device located as follows:

- One label is on the lower right side on the outside of the unit.
- One label is inside the unit under the Front Cover on the upper left side of the internal PCB Cover.





4. Installation and Device Overview

When installing Ubi 3, follow the workflow below to ensure all components are connected and functioning correctly.

4.1. Plan the System Layout

Consider the placement of Ubi 3 as close to the Selectronic inverter as possible. The Ubi 3 comes with a 2m communication cable which will need to be extended when the Ubi 3 is installed more than 1.5m from the SP PRO.

4.2. High level Installation Process

IMPORTANT! – Install, configure and commission the SP PRO Site before beginning this installation. All equipment, Inputs and Outputs must be configured before commissioning the Ubi 3 device.

The following steps describe the high-level installation process.

1. Remove the Ubi 3 Front Cover and the internal Terminal Cover.
2. Position the Ubi 3 and mount the enclosure to the wall via the mounting points.
3. Install the antennas.
4. Install and secure appropriate cables and interfaces to the designated locations. Four cable entry plugs are located at the bottom of the Ubi 3 enclosure. A further four entry ports are located on the back of the Ubi 3 enclosure for a rear-cable entry installation. Note that these ports require drilling within the marked areas.
5. Install a suitable electrical circuit breaker to power the Ubi 3 device.
6. Pull through and terminate the wiring for power and data.
7. Configure the Ubi 3 device. Check status LEDs.
8. Reinstall the internal Terminal Cover and the Front Cover onto the Ubi 3 device.
9. Energise and test the installation.

Refer to the other sections in this document for additional installation and wiring information.

The Ubi 3 device will automatically download any software updates when it is first powered on. Please do not disconnect or remove the power to the device to avoid interrupting this process.

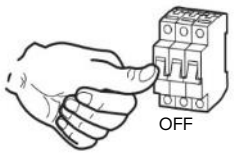
Note: This process may take up to 30 minutes, depending on connection and server loading.

5. System Installation and Maintenance

1. Prior to commencement of any installation or system maintenance procedure, ensure that all power sources to Ubi 3 are disconnected, as described in this section.
2. Complete a proximity test of the switchboard and surrounding equipment – test before you touch.

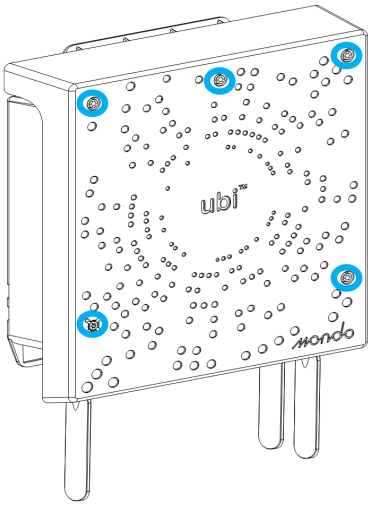
LOTO
Lock Out Tag Out

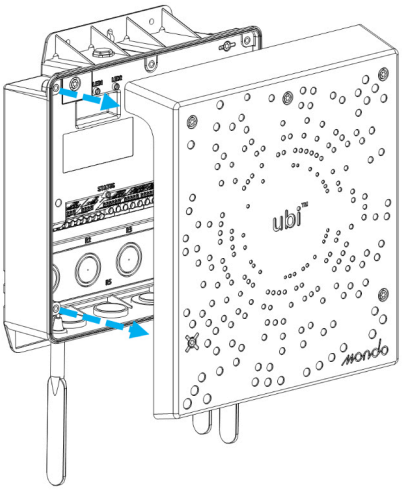
3. Isolate and lock out power supply. Before commencing any work onsite identify, isolate and test. Implement Lock Out Tag Out (LOTO) procedures as required.



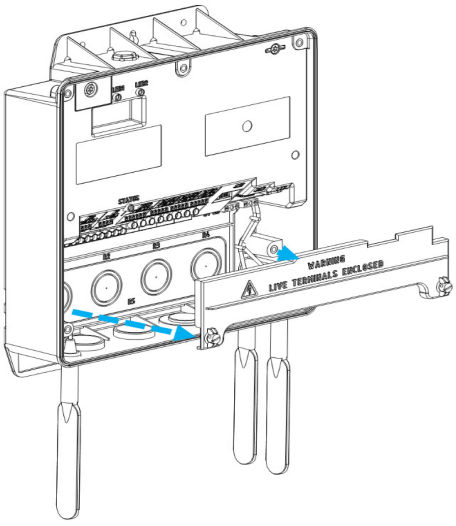
1, 2 or 3 Circuit breakers

4. Turn OFF the circuit breaker located in the switchboard that is powering the device.





5. Remove the Front Cover of the device by removing the 5 T25 Torx screws as shown.



5.1. Installation Location

The Ubi 3 device is weatherproof and rated to IP54 for installation outdoors or indoors.

When installing Ubi 3, if possible, choose a location which is undercover and out of direct sunlight.

If the conduit run is greater than 0.5m then rigid UV stable conduit and bends are recommended.

All conduits should be secured with galvanised saddles. All penetrations into the enclosure are to be sealed with plugs, glands and where required silicone and glue shall be used.

5.2. Electrical Installation Requirements

Ubi 3 must be installed with a circuit breaker that disconnects all current carrying circuits the device.

This relates to all Line connections L1 L2 L3 L4 L5 L6 and Neutral connections N1 N2 as below:

For a Single-Phase installation, a Two Pole Miniature Circuit Breaker (MCB) is required to disconnect all Line and Neutral connections.

- For a Two-Phase installation, a Three Pole Miniature Circuit Breaker (MCB) is required to disconnect all Line and Neutral connections.
- For a Three Phase installation, a Three Pole Miniature Circuit Breaker (MCB) is required to disconnect all Line connections.

The circuit breaker must be suitably located and easily reached. It must also be clearly marked as the disconnecting device for the Ubi 3 device.

Ubi 3 must also follow all the relevant local requirements and standards for electrical equipment installation and safety.

5.3. Electrical Tests

Once the installation is complete and the unit is powered up, the following steps are required:

1. Confirm that the Ubi 3 is energised, and the Status LED is showing the correct state, as described in the later sections of this document.
2. Ensure the Ubi 3 enclosure has been installed and sealed correctly.
3. Ensure that each switch/contactor is in the closed position, to ensure all circuits are energised.
4. Ensure the installation meets all applicable standards and legislations.

5.4. Tools Required

The following tools are required for installation and maintenance of a Ubi 3 device.

- T25 Torx Driver for the Front Cover
- 6mm Slotted Insulated Screwdriver for the Terminal Cover

The following additional tools may be required, depending on the specific installation requirements.

- Drill and Step Drill and other bits appropriate to the installation site and material
- Selectronic RJ45-DB9 cable (005481)

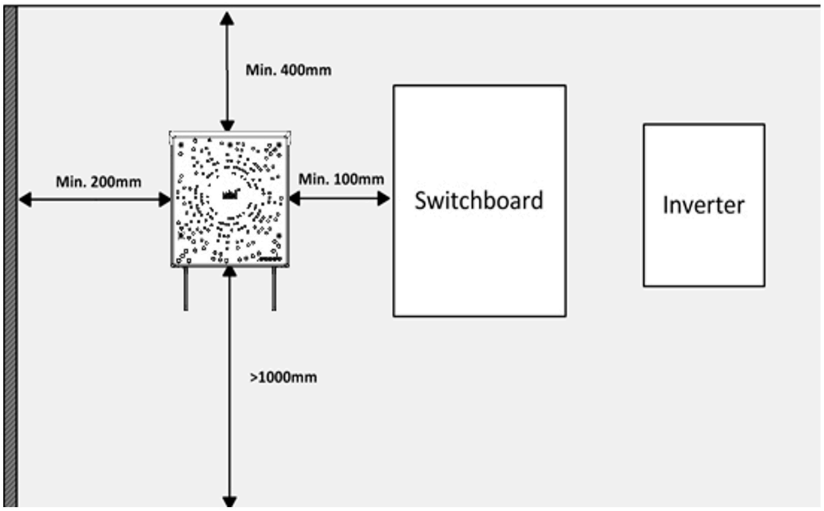
5.5. Materials Required

The additional materials and components required for installation may include but are not limited to:

- For a single-phase installation – 6A Two-Pole circuit breaker.
- For a three-phase installation – 6A Three-Pole circuit breaker.
- CAT5/CAT6 Data cable.
- Electrical cabling.
- Rigid and corrugated conduit, adaptors, elbows, bends, reducers and saddles.
- Cable terminations, lugs and bootlace ferrules.
- Fasteners such as screws, nails, nuts and bolts.
- Cable ties, PVC glue, electrical tape and silicone.

5.6. Installation Clearance

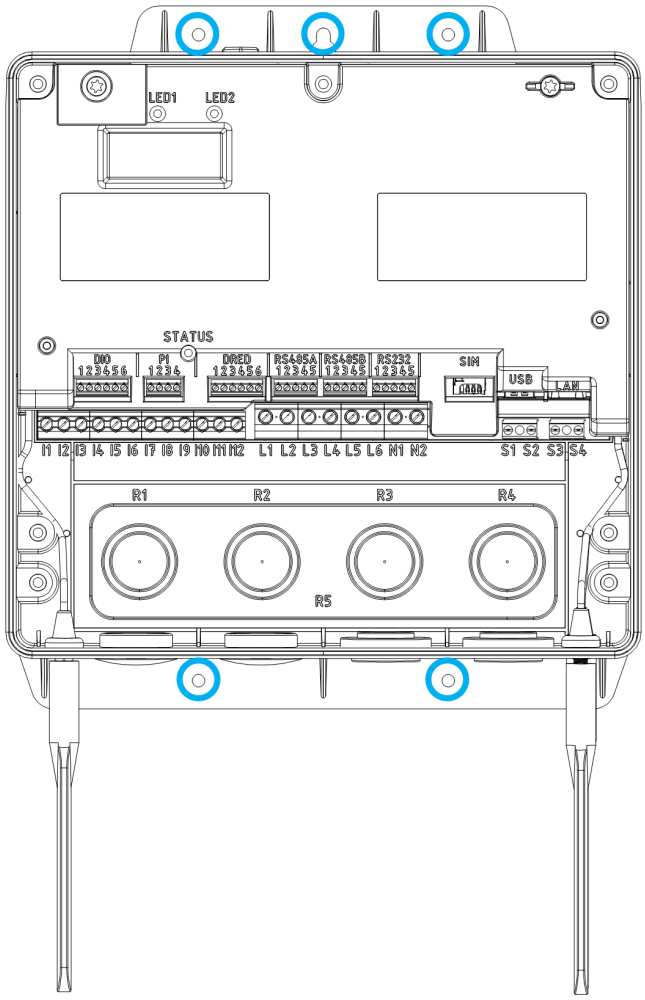
The following installation position is recommended to ensure the Ubi 3 device can operate effectively and be modified in the future if required.



Note: That sufficient space must also be left around the base of the unit and the antennas for any conduit and cable entries.

5.7. Enclosure Mounting

Ubi 3 is designed to be installed upright vertically against the wall of a building or within an equipment enclosure. The mounting points and template of the Ubi 3 are described in this section.



The mounting locations on Ubi 3 base are highlighted in the image above.

There are three mounting locations on the top of the unit and two mounting locations on the bottom mounting flange.

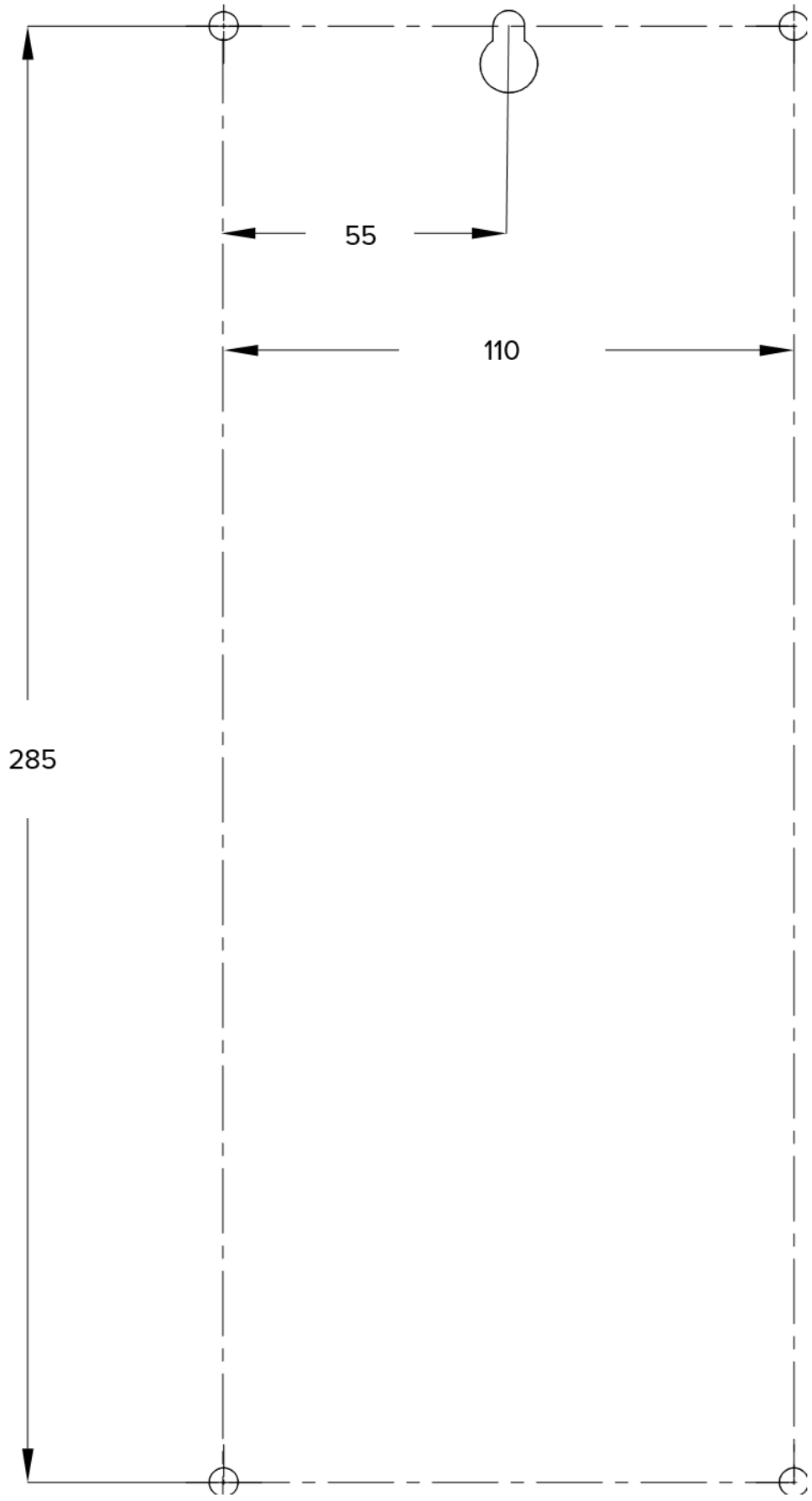
The mounting holes can be pre drilled using the drawing above and the template included in this section.

The enclosure can be hung from the top centre mounting hole first, and then using the remaining four holes as drill locating guides.

The enclosure should be mounted with all 5 mounting points. It is recommended to use button head screws with a washer under the screw head to avoid damaging the enclosure during installation.

Do not apply a high amount of torque to the enclosure when mounting as this may warp damage the enclosure. Ensure that the enclosure base has not warped during installation, and remove and re-mount the device if required.

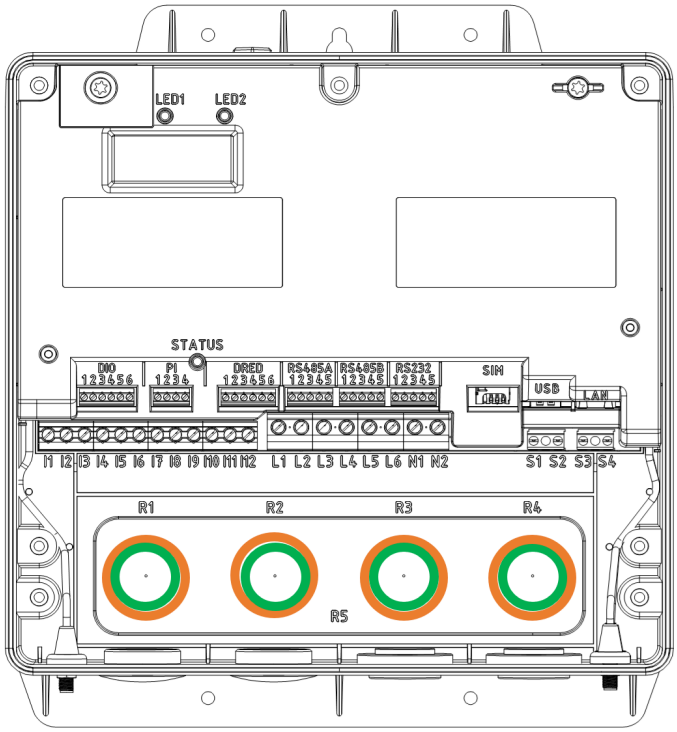
Dimensioned Mounting Template – Use measurements - Drawing not to scale



5.8. Cable Entry Locations

Ubi 3 has four Rear Cable Entry locations and four Bottom Cable Entry locations.

Rear Cable Entry



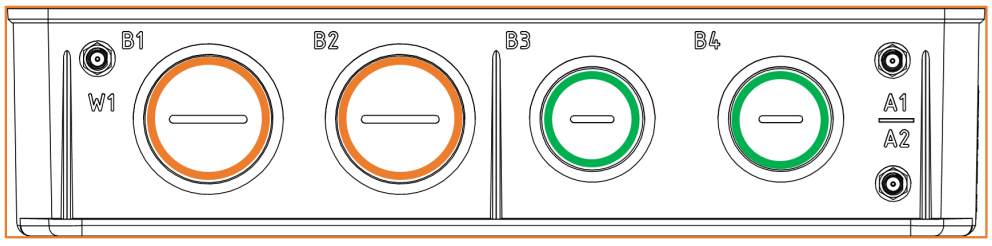
AC wiring and data cable rear entry locations

- 32mm Conduit or cable gland hole (R1, R2, R3 and R4)
- 25mm Conduit or cable gland hole (R1, R2, R3 and R4)

Note: That the Rear Cable Entries R1, R2, R3 and R4 require drilling. A Step Drill is highly recommended to ensure a clean cut and neat finish. These can be drilled out to the desired size, such as 25mm or 32mm for conduit or cable gland connection.

The Ubi 3 is IP54 rated for outdoor installation. Any unused cable entry locations must be sealed appropriately.

Bottom Cable Entry



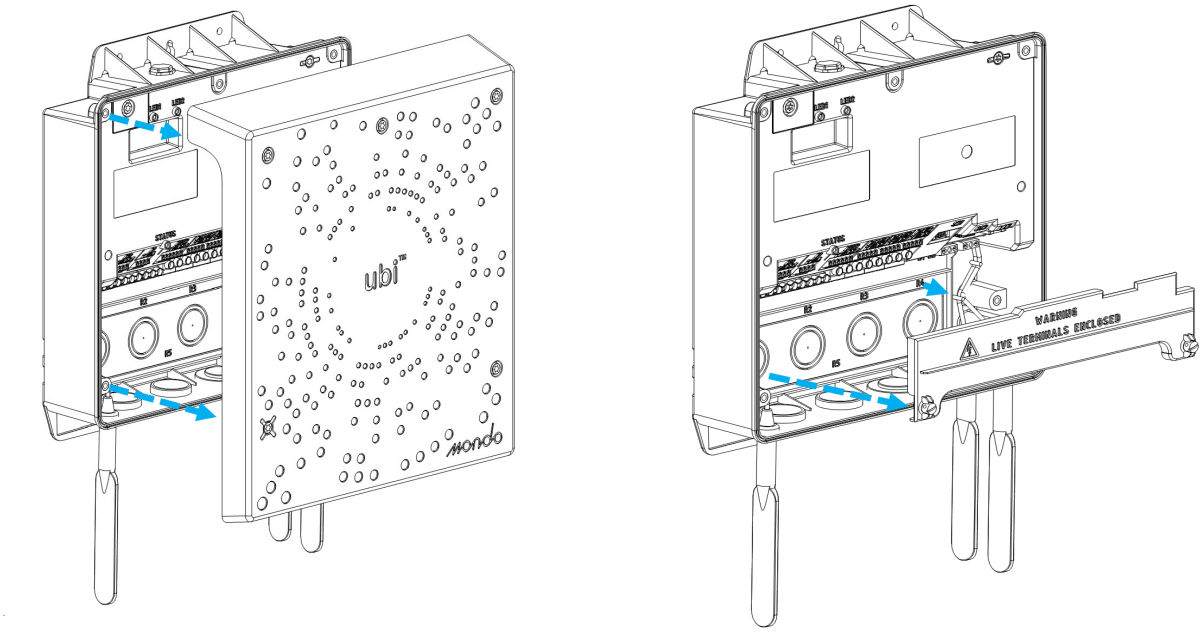
- 32mm Conduit or cable gland hole (B1 and B2)
- 25mm Conduit or cable gland hole (B3 and B4)

Note: That the Bottom Cable Entries B1, B2, B3 and B4 are fitted with an IP54 rated plug that must be installed in any unused cable entries.

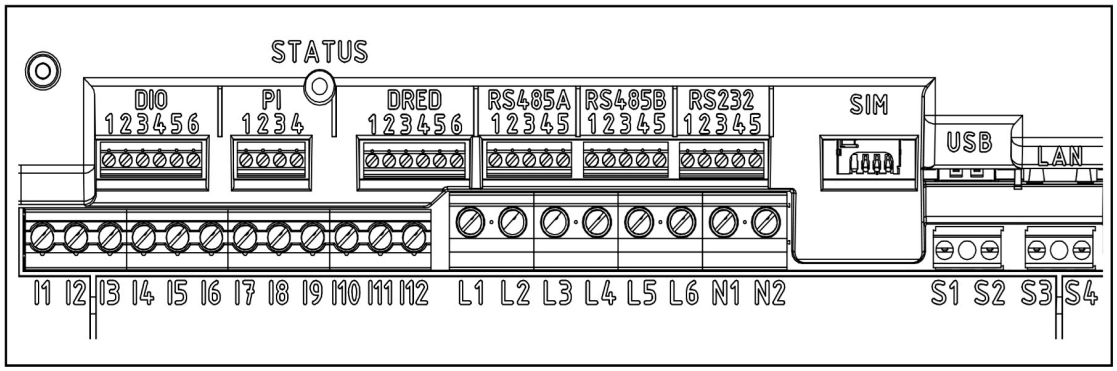
5.9. Power and Communications Connections

The Ubi 3 power and communications connections are located on two rows of terminals located inside the enclosure. The Live Mains Voltage Terminals are protected by a separate Terminal Cover that must be fitted for normal operations of the device.

Remove the Front Face to access the Communications Terminals and if required, remove the Terminal Cover as shown to access the Live Mains Voltage Terminals.



The Ubi 3 power and communications terminals are shown in detail below.



The upper row contains Communications Terminals and the lower row contains Live Mains Voltage terminals.

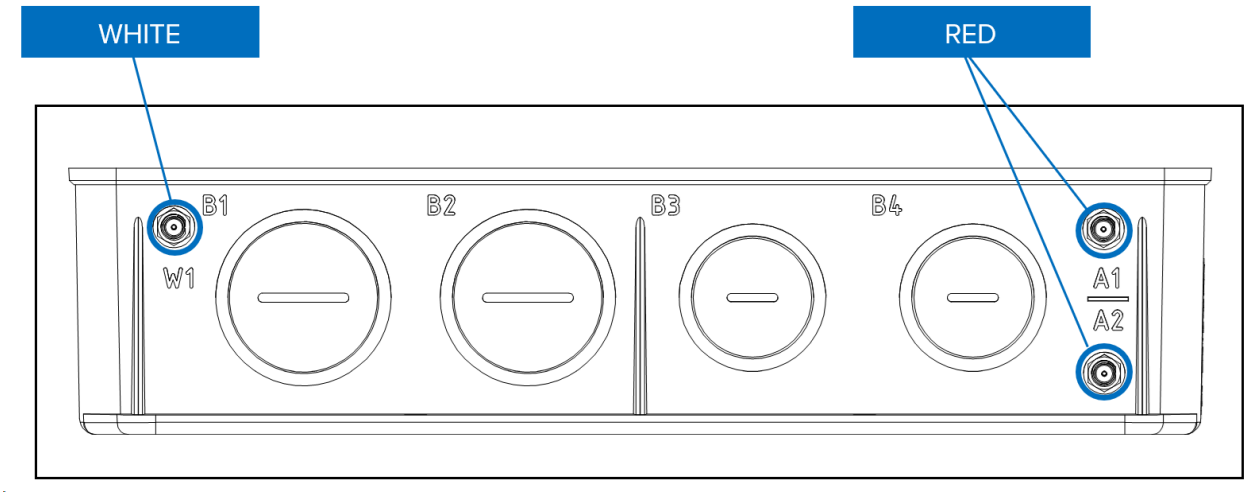
Cables are routed to these terminals through the Bottom Cable Entry or the Rear Cable Entry ports as described in Section 5.8. Cable Entry Locations.

The warning label in the power and communications cable area is to note that the maximum rated operating temperature of Ubi 3 is +60°C. The minimum temperature rating of all power and communications cables must be at least +60°C or higher.

5.10. Antenna Connections

Ubi 3 features Wi-Fi and Communications Antenna connections.

The Wi-Fi antenna W1 connections are located on the base of the unit as shown in the diagram below.

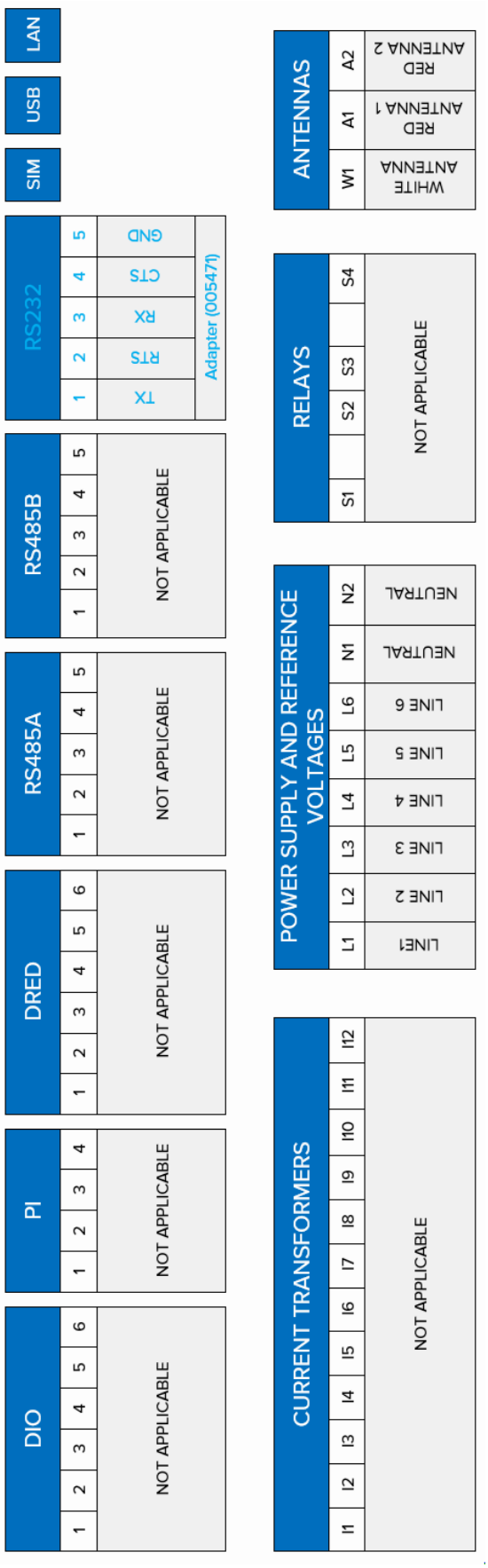


Ubi 3 is supplied with one Wi-Fi antenna (White Label) and two (Red Label) that must be installed prior to energising the device.

Install the White Label antenna into W1 and Red Label antennas into A1 and A2.

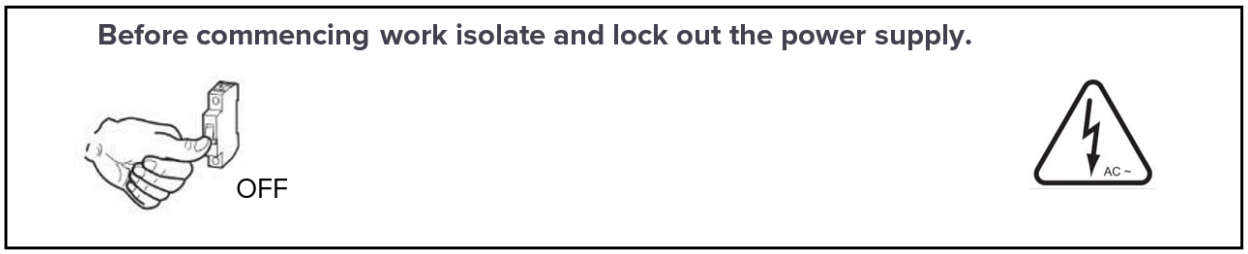
5.11. Ubi 3 Detailed Connection Information

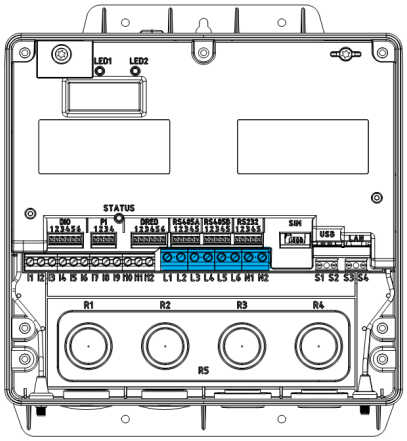
5.12. Terminal Diagram

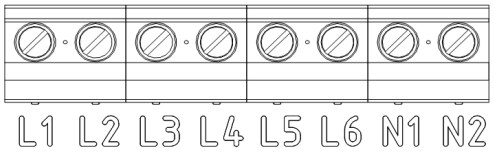


5.13. Voltage Reference Inputs

Ubi 3 features a flexible software configuration that allows the user to either connect the voltage references to each terminal or to connect only the minimum necessary input voltages.







Voltage Reference Inputs							
L1	L2	L3	L4	L5	L6	N1	N2
LINE1	LINE2	LINE3	LINE4	LINE5	LINE6	NEUTRAL	

Note: That the Ubi 3 internal components are powered from the L1 L2 L3 inputs, and that at least L1 and N1 must be connected to a Single Phase Supply for the device to operate normally.

N1 and N2 are internally connected and only one neutral connection is required for normal operation. Both neutrals may be used depending on the installation wiring requirements.

5.14. Voltage Reference Terminal Ratings

All Voltage Reference Terminals are rated for 230/400 V AC 50Hz connection.

Connections to L1 L2 L3 require up to 15W of input power to be supplied and should be connected to at least a 230/400 V AC 2A Circuit and Breaker.

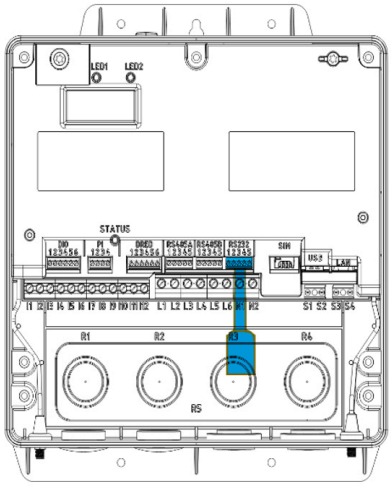
5.15. Voltage Reference Terminal and Cable Sizing

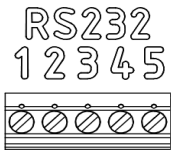
Nominal Cable Cross Section	4mm^2
Cable Stripping Length	8mm
Minimum Solid Conductor Cross Section	0.2mm^2
Maximum Solid Conductor Cross Section	6mm^2
Minimum Stranded Conductor Cross Section	0.2mm^2
Maximum Stranded Conductor Cross Section	4mm^2
Minimum Stranded Conductor Cross Section with Ferrule and Plastic Sleeve	0.25mm^2
Maximum Stranded Conductor Cross Section with Ferrule and Plastic Sleeve	4mm^2

5.16. RS232 Interface

Ubi 3 provides one RS232 interface for connection to the SP PRO through a SCERT Adapter (005471), a RJ45-DB9 SCERT (005481) cable is required to connect from the adapter to SP PRO.

Note: That the input and output direction of the terminals are labelled from the perspective of the Ubi 3 device. Connection to an external device may require a cross over cable to connect to some equipment.





RS232				
1	2	3	4	5
TX	RTS	RX	CTS	GND

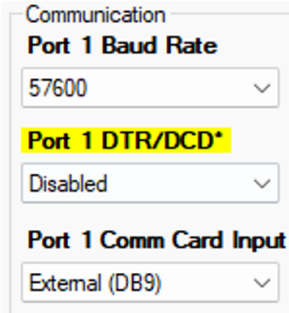
5.17. RS232 Interface Specifications

Supported Baud Rates	2400 4800 9600 19200 38400 **For SP PRO Select > 57600** 115200

Note: Maximum Cable Length is 10m

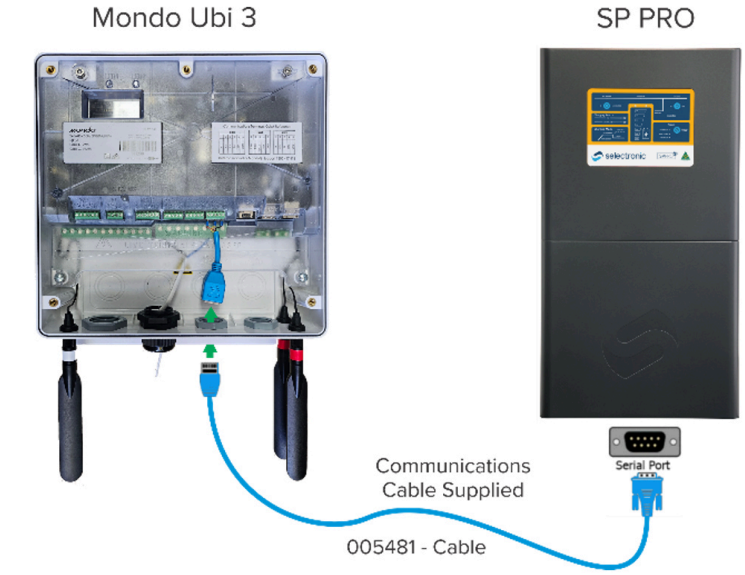
6. SP PRO Configuration

1. Launch the latest version of SP LINK - Go to www.selectronic.com.au/splink/
2. Configure and commission the SP PRO site completely.
3. Configure the SP PRO to communicate with the Ubi 3 device.
   Go to Configuration Settings > System > Communication
   - Select baud Rate = 57600
   - Set DTR/DCD = Disabled
   - Set Port 1 Comm card input = External (DB9)
4. Configure the SP PRO with these updated settings.



6.1. SP PRO Connection Interface

Connect the Ubi 3 to the SP PRO via the supplied communication cable:
Note: SP PRO system must be configured completely before the 005481 cable is connected to the Ubi 3.



6.2. Selectronic SP PRO Communications Connections

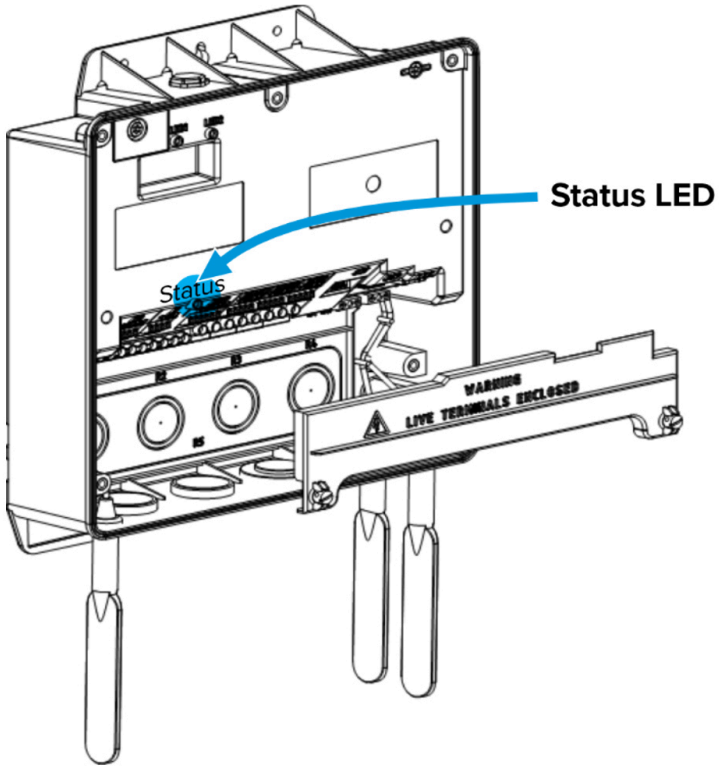
When connecting Ubi 3 to a Selectronic SP PRO Battery Inverter System, use the RS232 interface as described in Section 5.16. RS232 Interface of this manual.

Ubi 3	Selectronic SP PRO II
TX (Pin 1)	RX (RJ45 Pin 6 or DB9 Pin 2)
RX (Pin 3)	TX (RJ45 Pin 3 or DB9 Pin 3)
GND (Pin 5)	GND (RJ45 Pin 5 or DB9 Pin 5)

Please refer to the relevant Selectronic SP PRO Manual to confirm the pin assignments on your specific equipment.

6.3. Status Indicators

Ubi 3 features a multi-coloured System Status LED to indicate the operational status of the device.



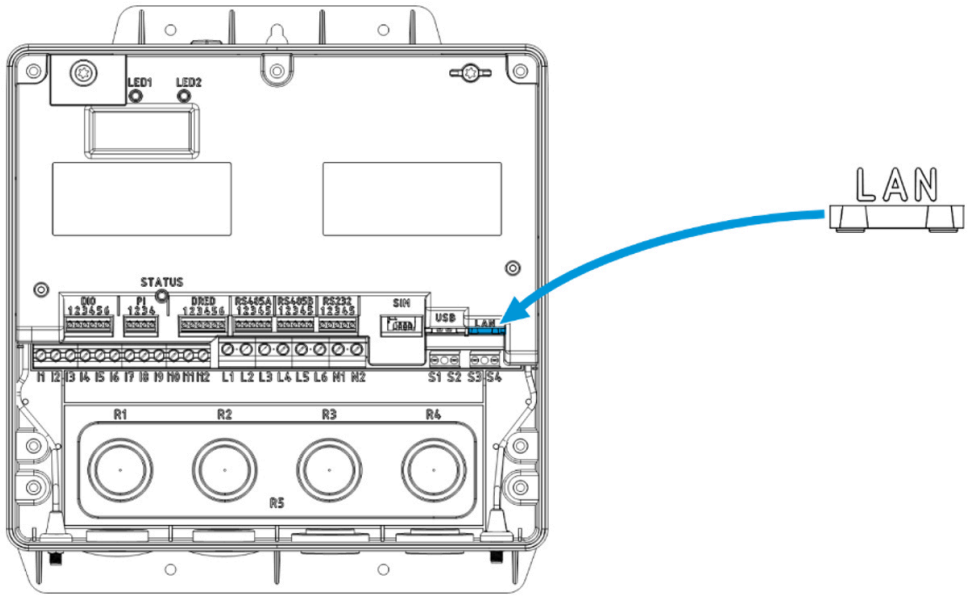
Status Indicator Description (STATUS)

The following describes the Status Indicator states in normal operation of the device.

STATUS Colour	Indicator	Status Description
Blue	Always On	**Startup Mode** The device has been powered on and is starting services. The device is not yet ready for normal operation.
	Flashing	**Setup Mode** Wi-Fi Access Point Mode is activated.
Green	Always On	**Connected to Wi-Fi \ Ethernet Network** The device is connected to the Wi-Fi Network with good signal strength.
	Flashing	**Connected to 4G Network** (If applicable) The device is connected to a 4G Network with good signal strength.
Red	Always On	**Device Error** Contact Support
	Flashing	**Low Communications Signal Strength** Check the antenna connections or install a Ubi 3 external high gain antenna.

6.4. LAN Port

Ubi 3 features a 10/100 Mbps Ethernet LAN interface for a wired connection to the Internet using IPv4. **Note:** IPv6 is not supported.



LAN Interface Specifications

LAN Port Type	RJ45 8P8W
Supported Modes	10BASE-T, 100BASE-TX
Maximum Speed	100 Mbps
Supported Duplex Operation	Full Duplex or Half Duplex
Supported Cable Types	CAT 5E, CAT 6
Maximum Cable Length	100

6.5. Wi-Fi Interface

Ubi 3 features a 65 Mbps 2.4 GHz 802.11b/g/n Wi-Fi interface for device setup and internet connection over a Wireless Local Area Network using IPv4. Note: IPv6 is not supported.

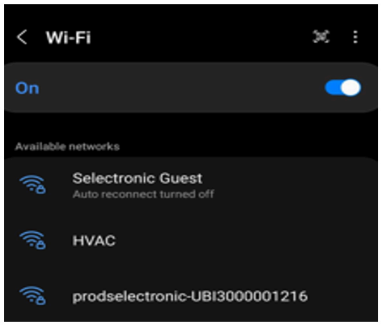
Setup Mode and Wi-Fi Access Point

When the Ubi 3 device is powered on, it will take approximately 20-30 seconds to start up. After this time, it enters Setup Mode and activates its Wi-Fi access point.

In Setup Mode, users can connect directly to the Ubi 3 via Wi-Fi using a phone, tablet, or computer to configure the device's connection to a local Wi-Fi network.

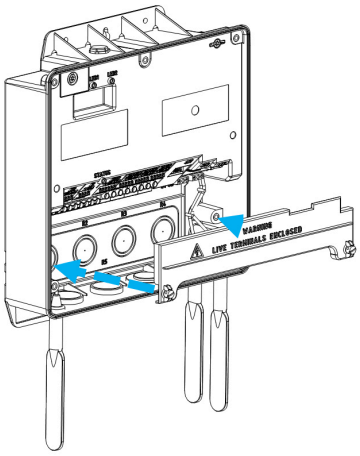
For more details on device modes and LED colour indicators, refer to the Status Indicators section.

Note: The Ubi 3 supports 2.4 GHz Wi-Fi networks only. It does not support 5 GHz Wi-Fi.

Step 1	To activate the Wi-Fi access point: 1. Power cycle the Ubi 3 by switching off the supply breaker for at least 10 seconds, then turning it back on. 2. Wait for the Status LED to blink blue, indicating the device is in Setup Mode and the Wi-Fi access point is active. The Access Point will remain active for up to 5 minutes after each power-on.	
Step 2	1. Open your device's Wi-Fi settings. 2. Search for available networks. 3. Connect to the network starting with **prodselectronic-UBI300000XXXX** or similar 4. Enter the password: **mondopower** 5. Confirm the connection.	
Step 3	If Password is correct, 1. Then webpage may automatically load, otherwise 2. Go to webpage: **http://172.24.10.1**	
Step 4	1. Press the button 2. On the Ubi 3 setup webpage, select your desired Wi-Fi network. 3. Enter your correct password for that network. 4. Wait for 60secs	
Step 5	If the setup is successful, the Ubi 3 LED will turn solid green after a short delay. 1. **Important:** In some cases, the red light may appear even if the network details are correct. This is normal—wait a few minutes, as the light may turn green once the connection is fully established. 2. If the LED turns and remains red, this typically indicates a connection issue (e.g., incorrect password or network error). In this case, power cycle the device and try again.	
Step 6	You are now ready to Connect to the Portal Ubi 3 SelectLive Portal Setup - Go to Section 10.	

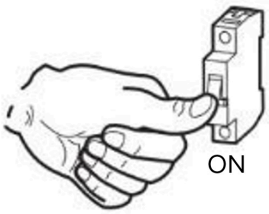
6.6. Operation & Visual Inspection

After installation and connection to all equipment, inspect all terminations then reinstall the Terminal Cover.



Energise the Ubi 3 device and conduct a visual inspection to confirm normal operation.

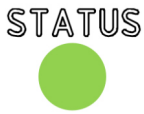
1, 2 or 3 Circuit breakers



After energisation, the device will take up to 30 seconds to start normal operation.

The Ubi 3 device will automatically download any software updates when it is first powered on. Please do not disconnect or remove the power to the device to avoid interrupting this process.

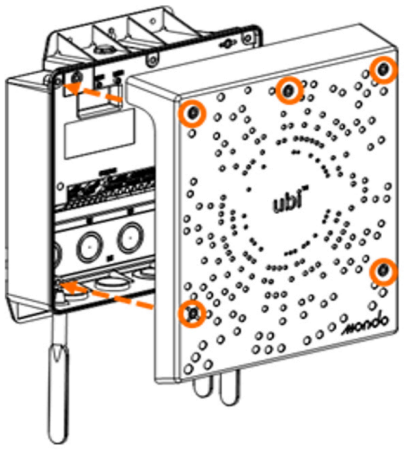
Inspect the Status LED.



Solid Green Colour means the device is operating normally.

Refer to Section 6.1 Status Indicators for additional information.

Reinstall the front cover with the five T25 Torx Screws.



Installation is now complete

Upon completion of the physical installation, the device needs to be commissioned prior to leaving site.

SelectLive 2 Portal Setup - Refer to Section 10.

for additional information.

7. Care and Maintenance

Do not attempt to service or repair the Ubi 3. It contains no user-serviceable parts. If the Ubi 3 is not working as expected, contact Selectronic Support for assistance at www.selectronic.com.au/support/ Refer servicing to qualified personnel.

If the Front Face of the Ubi 3 becomes dirty and you wish to clean the external surface, the following procedure can be used.

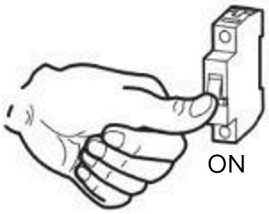
1. Turn OFF the circuit breaker located in the switchboard that is powering the device.

2. The Ubi 3 Front Cover external surface can be cleaned gently with a small amount of a solution of mild soap and lukewarm water on a soft, grid-free cloth or sponge to loosen any dirt or grime.

Do not use any alcohols or other cleaning products as these may damage the Ubi 3 device.

Do not use an excessive amount of mild soap solution and only clean the Front Cover. Avoid the cable entry connections and antennas on the bottom side of the unit.

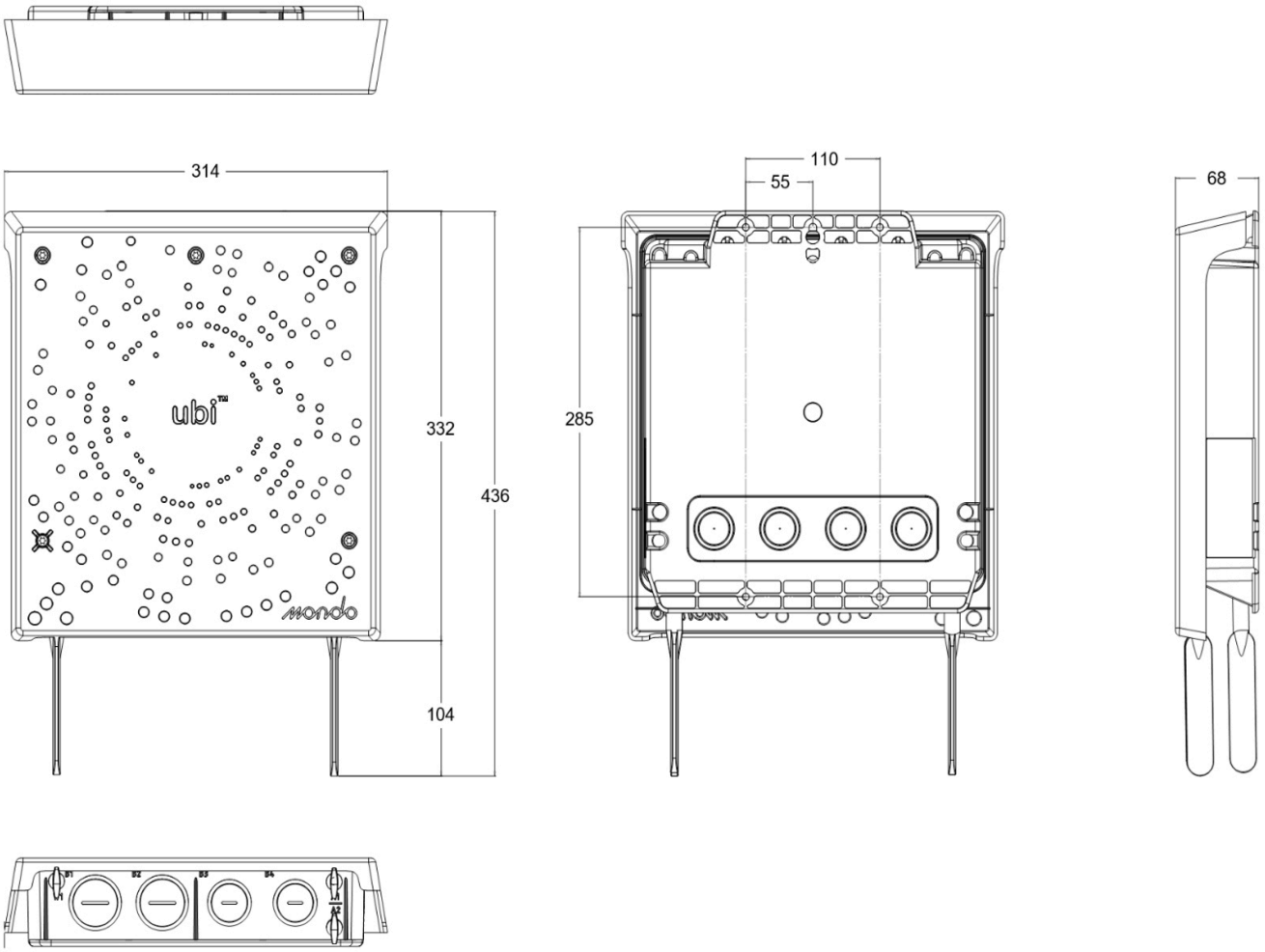
3. Once the unit is dry, turn ON the circuit breaker located in the switchboard that is powering the device.



8. Mondo Ubi 3 SCERT Specifications

General Data	
Operating Voltage (phase voltage range)	230/415V AC (100 - 264V)
Frequency (frequency range)	50Hz (49 - 51Hz)
Average power consumption	10W
Maximum power consumption	0.07A/0.07A (230/415V AC)
Dimensions (height x width x depth)	332 x 314 x 68 mm (excluding antennas) 436 x 314 x 68 mm (including standard antennas)
Weight	2.1 kg
Degree of protection	IP54
Cooling	Passive (natural convection)
Installation	Indoor and outdoor
Operating temperature range	-10 to +60°C
Humidity range	0 to 95% non-condensing
Mains connection type	Screw terminal up to 6 mm2
Metering connection type	Not Applicable
Standards Compliance	AS 60529 AS/NZS 60950.1: 2015 AS 62053.22: 2005 AS 62052.11: 2005 AS/NZS CISPR 22 RCM AS/CA S042.1:2019 EN/IEC 61010-1:2010 IEC 6100-4-2 IEC 6100-4-3 IEC-6100-4-4 IEC-6100-4-5 IEC-6100-4-6 IEC-6100-4-12 AS/CA S042.4:2018 ACMA EMR Standard 2014
Classification (ITE)	Class B
Security	Main PCB Cover Removal Tamper Detection Front Cover Security Seal (Optional)
Communications	
IP Version	IPv4
Wi-Fi	65Mbps 2.4GHz IEEE 802.11 b/g/n, IPv4
Ethernet	10/100Mbps IEEE802.3
Cellular	4G
Serial	1x RS232 2x RS485
Universal Serial Bus	1x USB 2.0
Data Modes	Normal Data Mode 5 second data recordings aggregated to a single reading over 5 minutes period, transmitted every 5 minutes.
Platform Features	
Data Visualisation	Intuitive, live dashboards Real-time energy data Live solar data – Generation & Export Multi-site management Dynamic charts and graphs – drill down functionality Generation achievements Battery charge state
Data Access	Primary and aggregated data CSV export options
Security	Role based user access. Data encrypted at rest and in transit. Periodic Penetration Testing Secured password vault for storing access credentials.

8.1. Ubi 3 Dimensions



All dimensions in millimetres (mm)

9. Important Information

Ubi 3 is brought to you by Mondo® Power.

Neither Mondo® Power, nor any of its related bodies corporate nor any of their respective officers, employees or advisers:

1. Makes any representation or warranty as to the accuracy or completeness of the information contained in this Ubi 3 Manual.

2. Makes any representation or warranty that the information contained in this Ubi 3 Manual has been verified or prepared with reasonable care.

3. Accepts any responsibility for any interpretation, opinion or conclusion that the recipient of the Manual may form as a result of examining the Ubi 3 Manual.

4. Accepts any responsibility to inform the recipient of the Ubi 3 Manual of any matter arising or coming to Mondo Power's notice which may affect or qualify any information contained in this Ubi 3 Manual; and

5. Is liable, and the recipient of the Ubi 3 Manual covenants not to make any claim or commence or pursue any proceedings against any of them, for any loss of any kind (including, without limitation, damages, costs, interest, loss of profits, or special loss or damage) arising from an error, inaccuracy, incompleteness or similar defect in the Ubi 3 Manual or arising from any default, negligence or lack of care in relation to the preparation or provision of the Ubi 3 Manual.

Any reliance by the recipient of the Ubi 3 Manual, on any part of the Ubi 3 Manual, or any use of the Ubi 3 Manual, is solely at the recipient's own risk. Selectronic Australia reserves the right to make changes to the material contained in this Ubi 3 Manual at any time without notice.

10. Selectronic Ubi 3/SelectLive 2 Portal Setup

Introduction

Welcome to the Selectronic Ubi 3/SelectLive 2 Portal, your gateway to seamless energy management through the collaboration between Mondo and Selectronic. This powerful integration allows you to effortlessly monitor and manage your energy systems with just a power connection, a communication cable and a network connection.

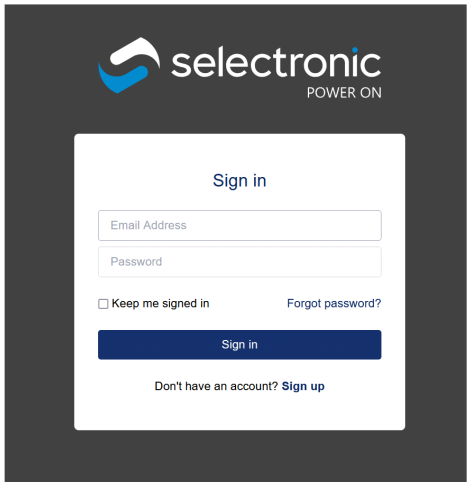
By accessing the Selectronic Portal, you can view comprehensive site information at your fingertips, ensuring you have real-time data and insights to optimise your energy usage. This portal not only enhances your control over your energy systems but also ensures compliance with the Victorian CSIP-Aus/Emergency Backstop requirements, providing a reliable and future-proof solution.

This introduction will guide you through the process of connecting to and using the Selectronic Portal, enabling you to fully leverage the benefits of this innovative collaboration. Let's get started on your journey to smarter and more efficient energy management.

At this point make sure your Selectronic SP PRO Site is configured completely.

- Ubi 3 is mounted and wired to AC mains
- Green LED on the Ubi 3 is Solid Green
- Communication cable (005481) is installed between Ubi 3 and SP PRO
- If any of the above is not true refer to the SP PRO Manual

11. Portal Setup



1. Open the Selectronic Ubi 3/SelectLive 2 Portal:

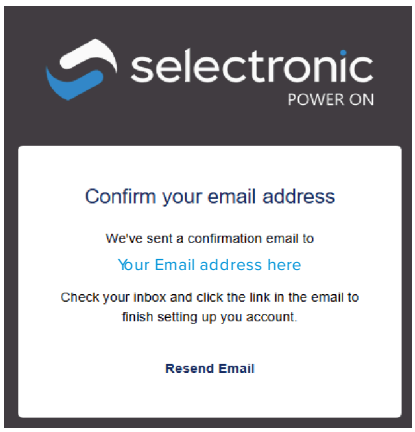
Click on the link below or enter the url into your browser:
https://platform.selectlive.selectronic.com.au

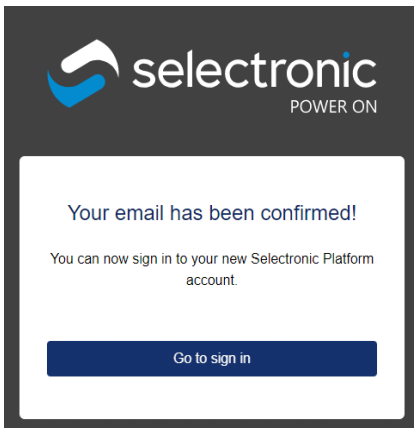
2. Sign Up or Sign In:

If you don't have an account, click on Sign up.
If you already have an account, simply sign in.

3. Create an Account:

Follow the prompts to create an account, including verifying your email address. Once successful, you will need to read and accept the terms and conditions. This Account can be created using the Installer's email and then transfer the ownership of the system to the customer.

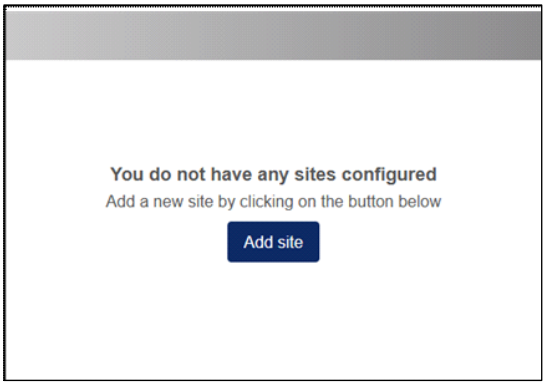




See reference to Section 14: Transfer of Ownership.

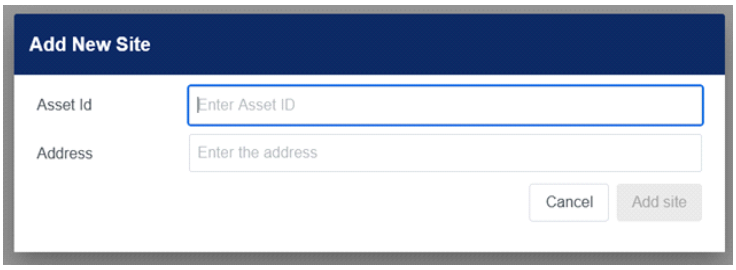
4. Add a New Site:

After accepting the terms, you will be prompted to add a new site. Click on 'Add Site'.

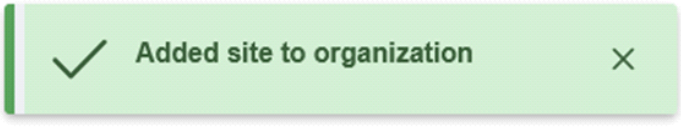


5. Enter Site Details:

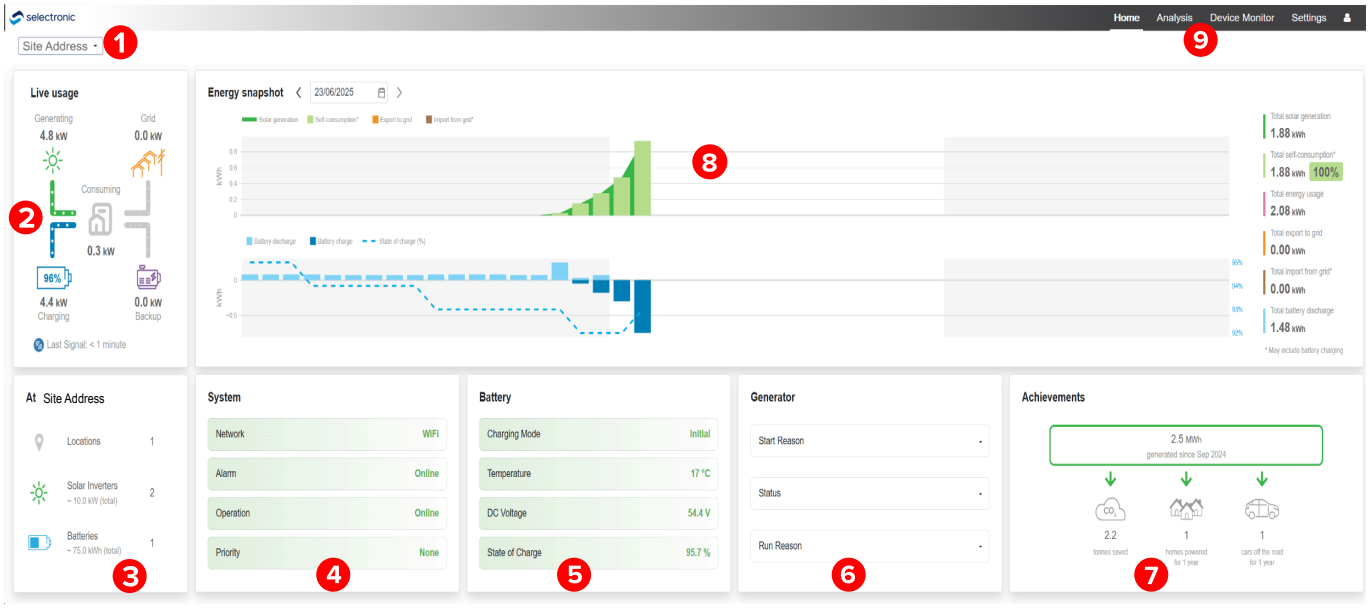
In the dialog box that appears, enter the Ubi 3's Asset ID and the address of the site you are adding. The Asset ID can be found on the nameplate of your Ubi 3.



6. Confirm Site Addition: Click 'Add Site'. If successful, a confirmation message will appear. If unsuccessful, please review the details and try again.



12. Portal Description



The following describes the portal

1. **Site Address:** Users can click the menu and select the address of the site they wish to view. This feature allows for easy navigation between multiple sites.

2. **Live Usage** – Energy Flow: This section displays the real-time energy flow from various sources, including solar, battery, grid/generator import, grid export, and loads consuming energy. It provides a comprehensive overview of the current energy dynamics at the site.

3. **Site Details:** This section shows the properties of the site, including the number of locations where the Ubi 3 is installed, and the total solar and battery capacity installed. It offers a detailed snapshot of the site's energy infrastructure.

4. **System Details:** This section provides the system status, including network status (Wi-Fi, Ethernet, or Offline), alarm status (Normal, Warning/Fault, Shutdown), and the priority levels (1 through 8) of the SP PRO. It helps users monitor the overall health and performance of the system.

5. **Battery Details:** This section displays battery charging modes (Initial, Bulk Absorption, Float, Equalise), battery temperature, DC voltage, and state of charge. It provides critical information about the battery's status and performance.

6. **Generator Details:** This section provides information on the generator, including the start and run reason and status. It helps users keep track of the generator's usage and maintenance needs.

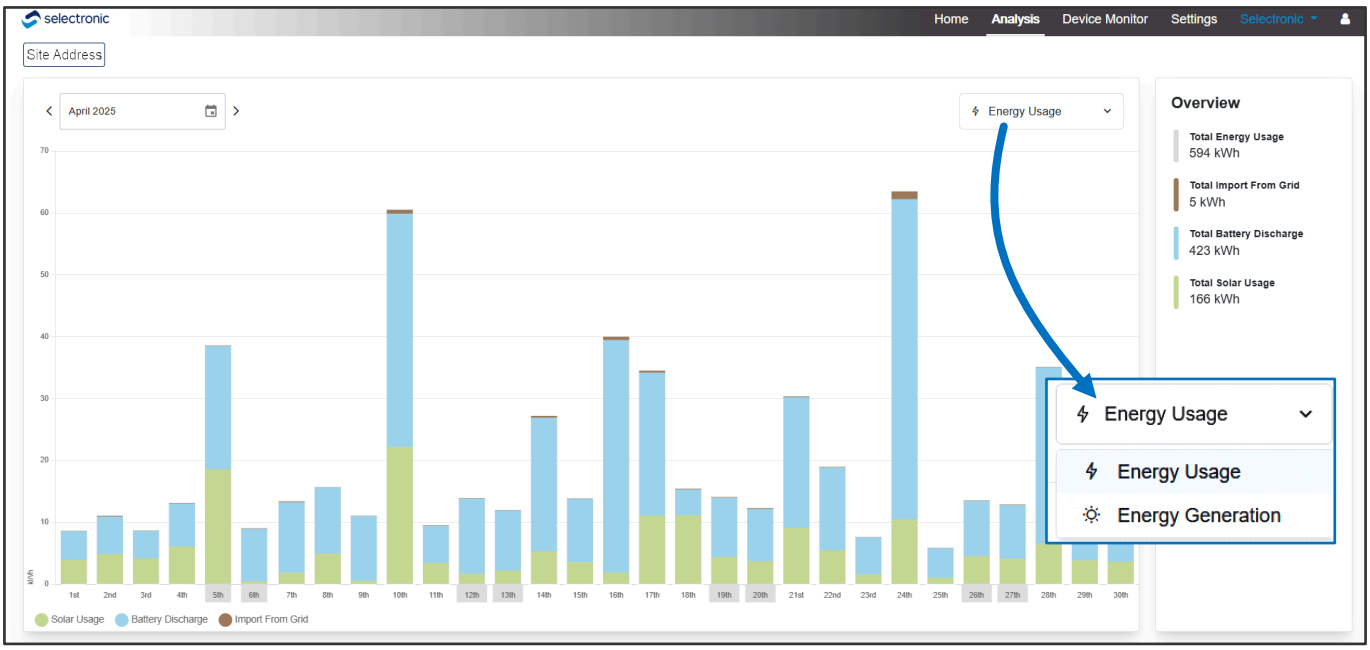
7. **Achievements:** This section shows the amount of carbon saved by using the solar and battery system. It highlights the environmental benefits of the system and encourages sustainable energy practices.

8. **Energy Snapshot:** This section displays the history of energy generation from solar, self-consumption, export to and from the grid, battery charge, discharge, and state of charge. It offers a detailed historical overview of the site's energy performance.

9. **Menu:** This feature allows users to access different sections of the portal, including Home, Analysis, Device Monitor, and Settings. It provides easy navigation and access to various functionalities of the portal.

Analysis

In the Analysis menu the User can choose and review between Energy Usage and Energy Generation

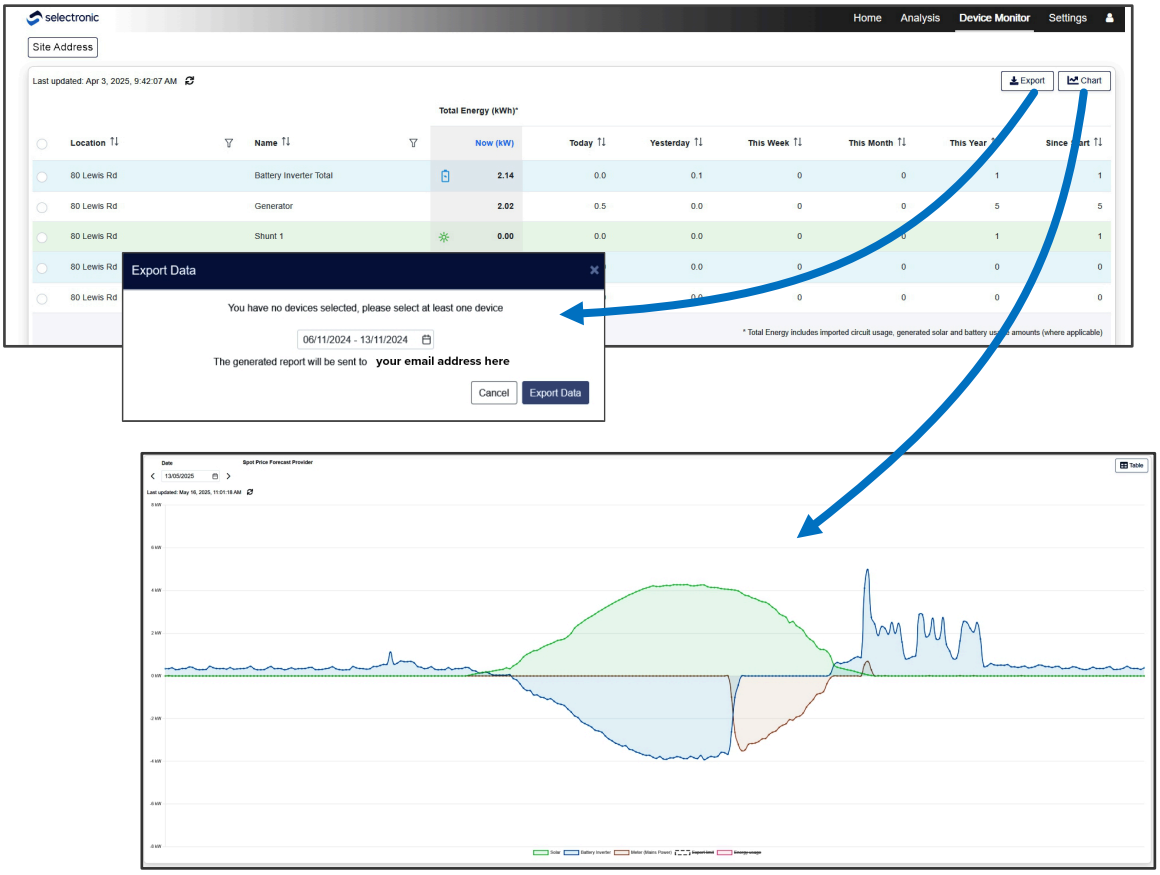


Energy Usage: Energy used by the system

Energy Generation: Energy generated by the system

Device Monitor

The Device monitor allows the user to view the events

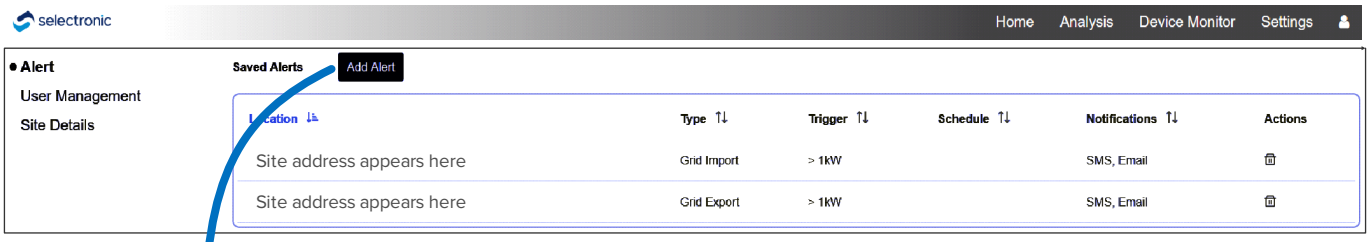


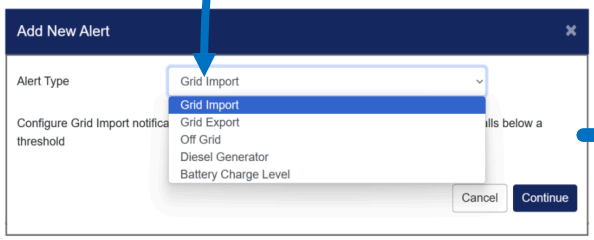
Settings

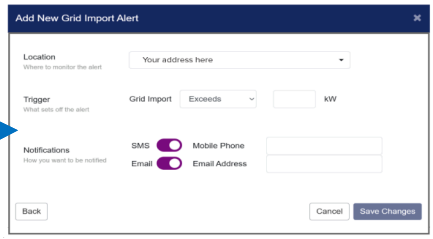
In Settings, the user can Add Alerts, manage users and amend site details. This ability depends on the access level of the user. See User Management section.

Alert

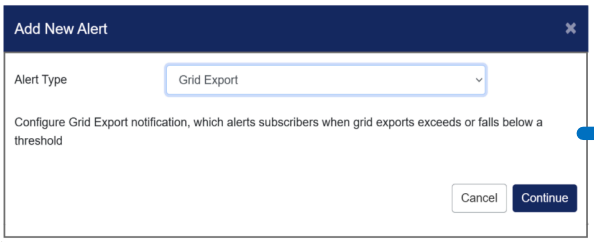
The user can choose what type of alerts they would like to receive via email or text. The available Alerts are Grid Import, Grid Export, Off-Grid and Diesel Generator.

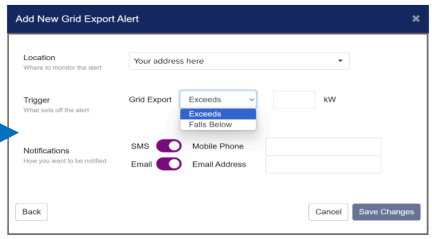




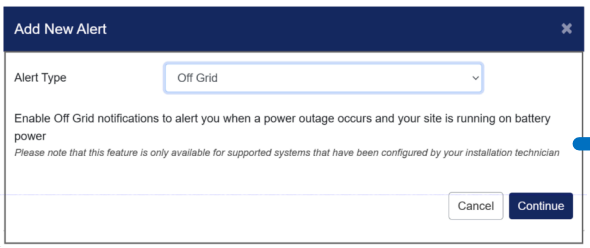


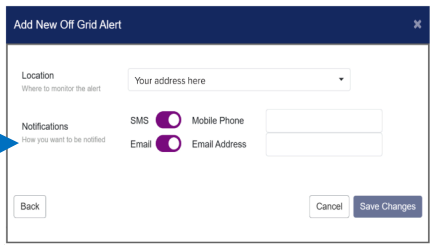
Grid Import Alert:
If Import exceeds or falls below the user selectable threshold of power.



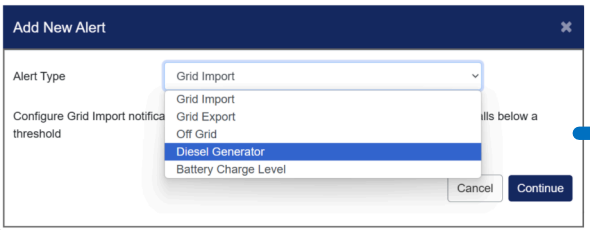


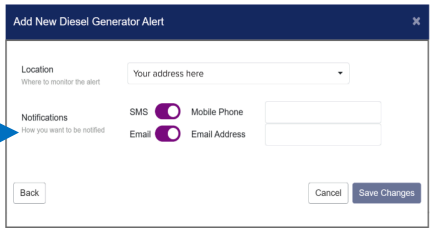
Grid Export Alert:
If Export exceeds or falls below the user selectable threshold of power.



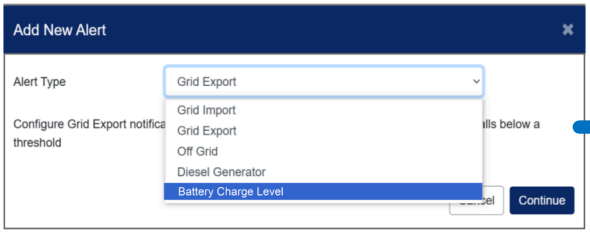


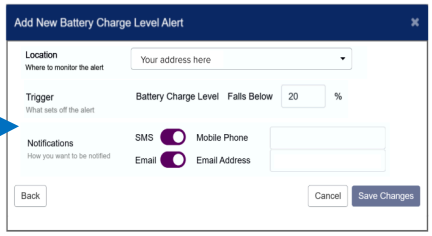
Off-Grid Alert:
If the system enters Off-Grid mode.





Diesel Generator Alert:
If the diesel generator turns ON.



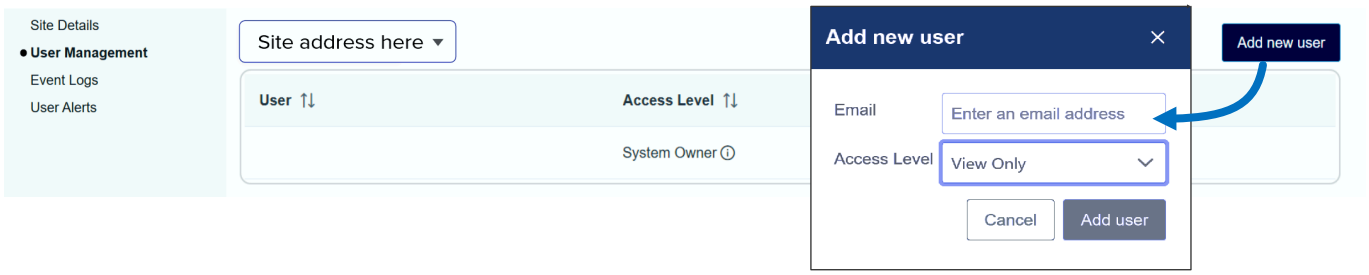


Battery Charge Level Alert:
If the Battery Charge drops below a specified level.

13. User Management

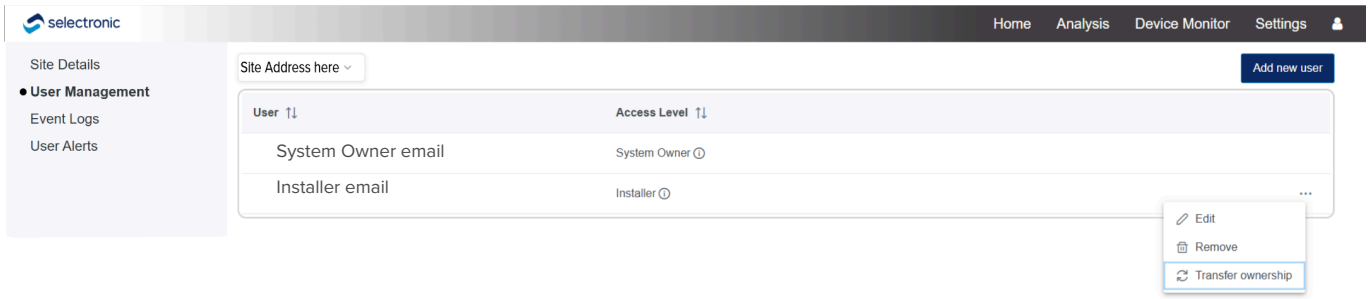
Depending on user management Access Level, there are various level of monitoring and alert controls.

- View only – Read only access to the system
- Installer – Technician that monitors and services the system
- System Owner - Customer who owns the system



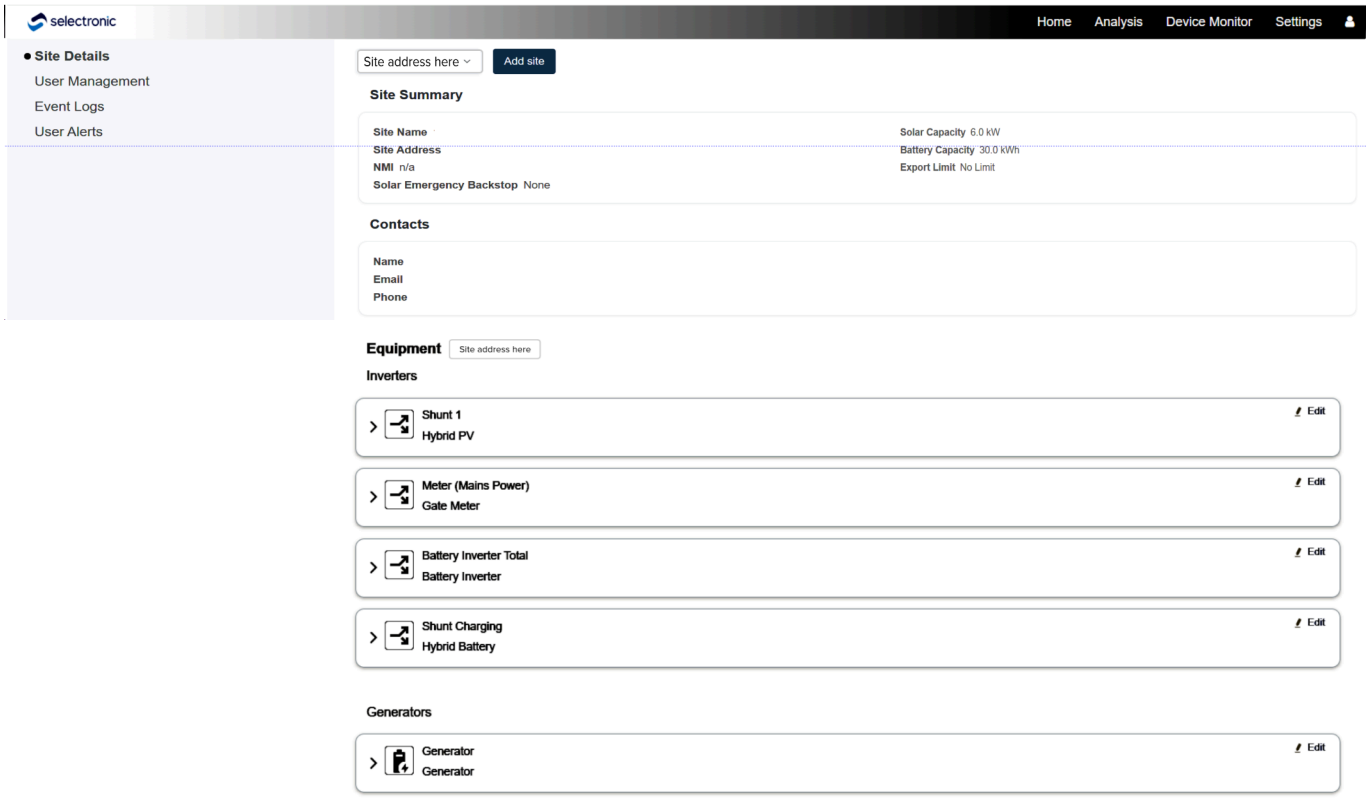
14. Transfer of Ownership

Use to transfer ownership from the Installer to System Owner after installation



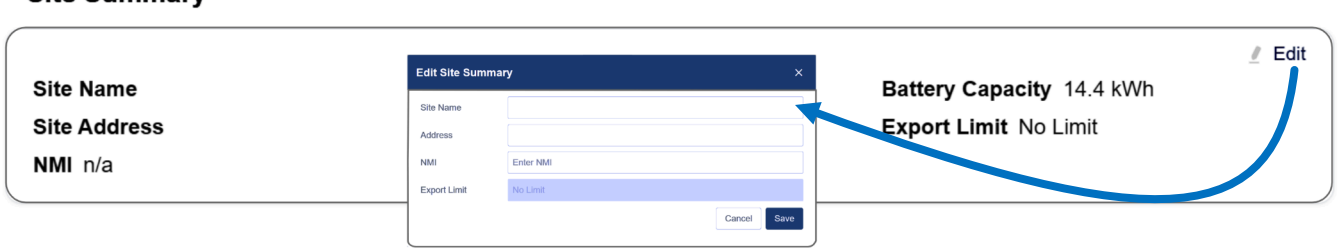
15. Site Details (Installer)

These are the details the installer must add during commissioning of the system.



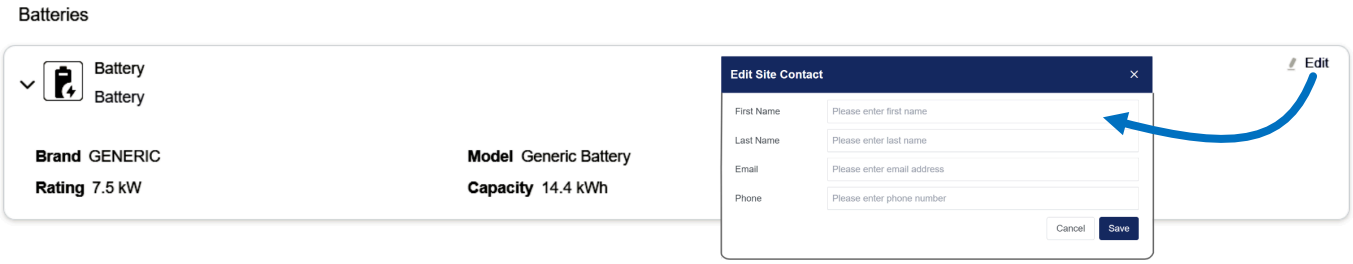
15.1. Site Summary (Installer)

Here the Site details including the Site name, Address and NMI are added.



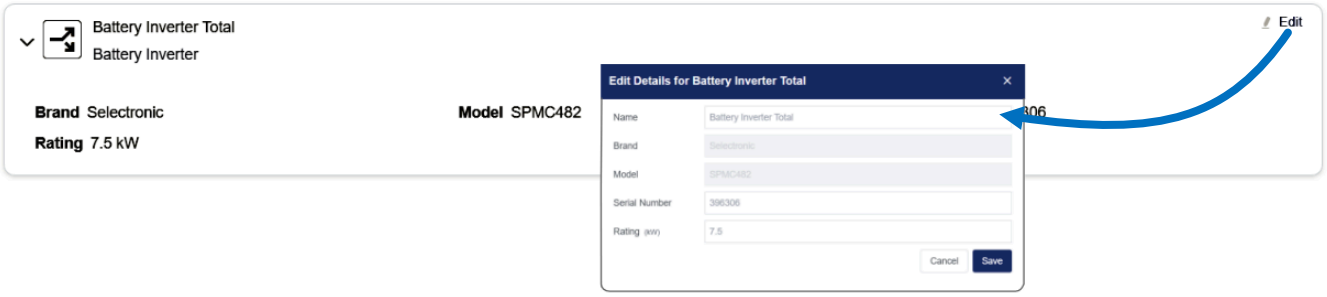
15.2. Site Contact

Add the Site Owner details



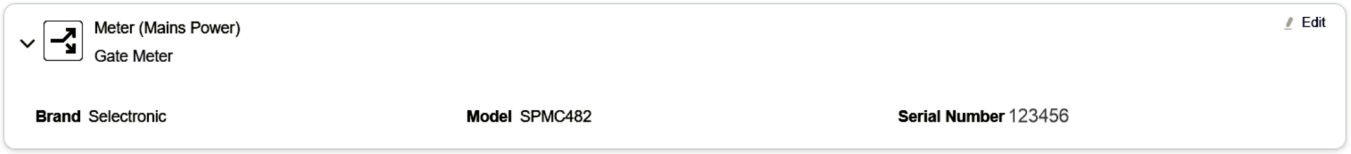
15.3. Inverters

Add Inverter Details; if more than one inverter, add all serial numbers if possible separated by commas.



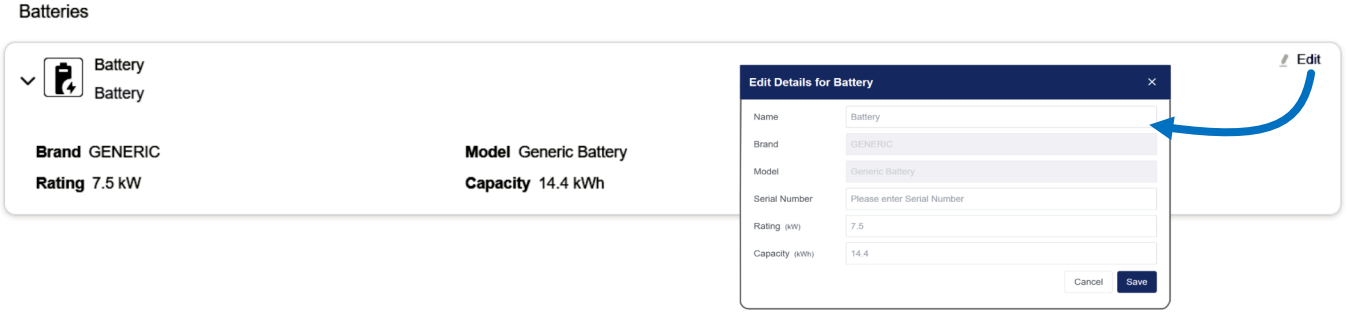
15.4. Mains Power

For Selectronic SP PRO inverter leave as is.



15.5. Batteries

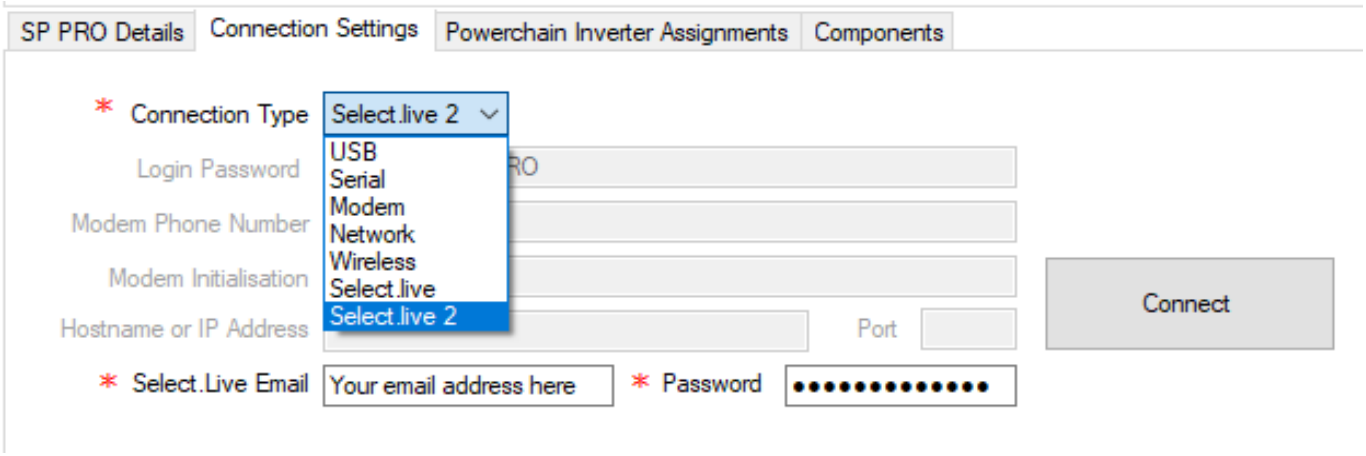
Add battery Details, if more than one add all serial numbers if possible separated by commas.



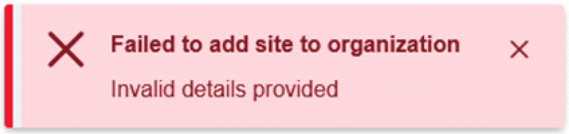
16. SP LINK Connections

The portal allows for remote connections by SP LINK

1. On the remote device, Return to SP LINK
2. Click on connection settings
3. Under connection type choose - SelectLive 2
4. Enter the email address and password of the account you used to add your site
5. Click Connect



17. Troubleshooting



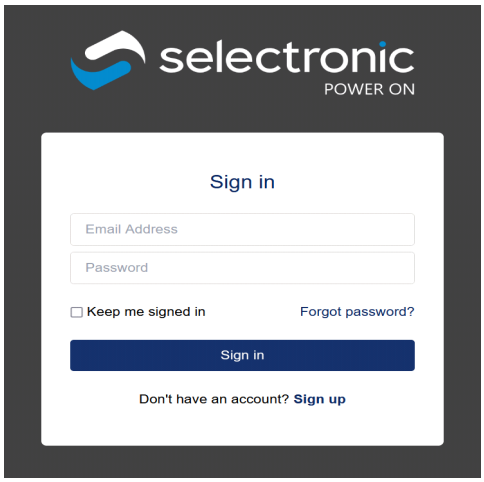
Site Failed
If the Site addition is incorrect
If the Address is incorrect
If the communication between the SP PRO and the Ubi 3 has failed

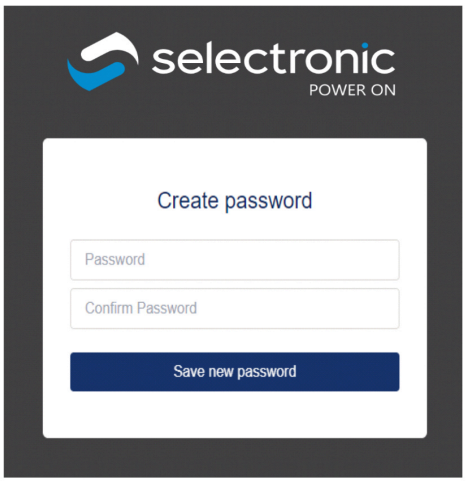
Go back to Selectronic Ubi 3 SCERT Manual

- Check if the Wi-Fi is connected
- Check if green light on the Ubi 3 is illuminated

User forgot Password

If the user forgot Username or password





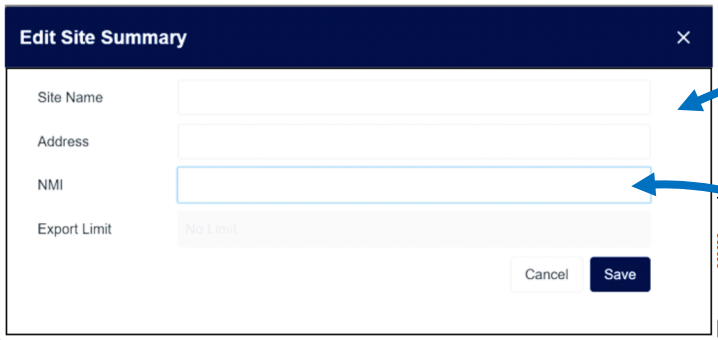
You will receive an email to reset the password.

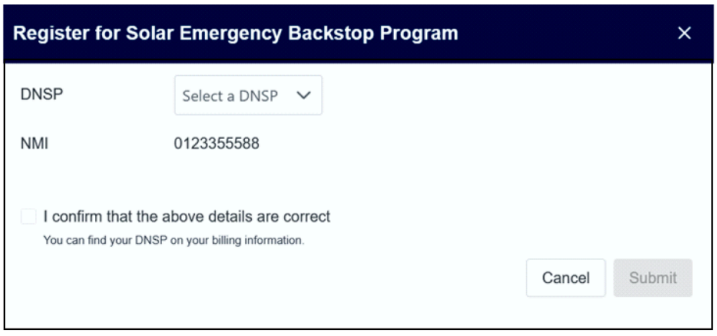
18. Register for Solar Emergency Backstop Program

Make sure the Transfer of Ownership has been made to the actual owner see Section 14.

If the NMI number has been entered correctly, proceed to press **Registration** link.

But if the NMI number has not yet been entered, Click on Edit





After clicking on **Registration** link, the 'Register for Solar Emergency Backstop Program' box opens. Then select the appropriate DNSP. Tick box to confirm details are correct and then Submit.

Once the submission is complete you will see the following confirmation.

19. Application Notes