

## **Select.*live***

### SP PRO Remote Monitoring

User Manual



EN -English

## Legal and Safety Information

Thank you for purchasing Selectronic Select.live remote monitoring device for the SP PRO series I and II inverters.

This document, copyright of Selectronic Australia is intended to be used for the installation and operation of Select.live. Select.live comes with a warranty. Neither Selectronic Australia nor its distributors or dealers shall be liable for a warranty claim for any indirect, incidental or consequential damages under any circumstances.

Selectronic Australia reserve the right to make changes to this document. This document can be downloaded from [www.selectronic.com.au](http://www.selectronic.com.au). While every attempt has been made to ensure this document is self-explanatory, clear as possible and up-to-date, the specifications are subject to change without notice.

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# 1 Introduction

## 1.1 Information

This document will explain the installation, operation and troubleshooting of Select.live (Order code **005283**) for SP PRO series II and for the SP PRO Series I. When installing Select.live with SP PRO series I, the Adaptor Kit (Order code **005290**) is also required.

This document doesn't provide any detailed information about the SP PRO. For detailed information on the SP PRO, download relevant documents from [www.selectronic.com.au](http://www.selectronic.com.au).

### 1.1.1 Validation

This document is only valid for a Select.live with hardware version 2.0 and firmware version 3.6.3 and greater. Select.live supports the SP PRO Series I in a single-phase configuration only, or SP PRO Series II in either a single phase or Advanced Multiphase (three phase or split phase) configuration. Select.live supports both On-grid and Off-grid systems, including On-grid with Generator backup.

### 1.1.2 Glossary of Terms

Terms	Description
Select.live	Remote monitoring device connected to SP PRO System. This is also referred as "the device" in this document
Select.live Portal	Remote monitoring Web site for SP PRO system. This is also referred as "the portal" and "the web app" in this document
Device Web Interface	Select.live local web interface for configuration
SP PRO System	Battery inverters from Selectronic Australia with battery, Grid, Generator (optional) and solar PV (optional)
Off-grid	SP PRO System with no Grid; with battery, generator and solar PV (optional)
On-grid	SP PRO System with Battery, Grid and solar PV (optional).
On-grid with Generator backup	SP PRO System with Battery, Grid solar PV (optional) and Generator (optional – requires additional Grid Fail, Generator backup kit).
Solar PV	A Solar PV array with a solar inverter
W	Watt; The unit of Power
kWh	KiloWatt hours; the unit of Energy
SoC	State of Charge in the battery (amount of charge in the battery) expressed as a % of the battery capacity

### 1.1.3 Formatting

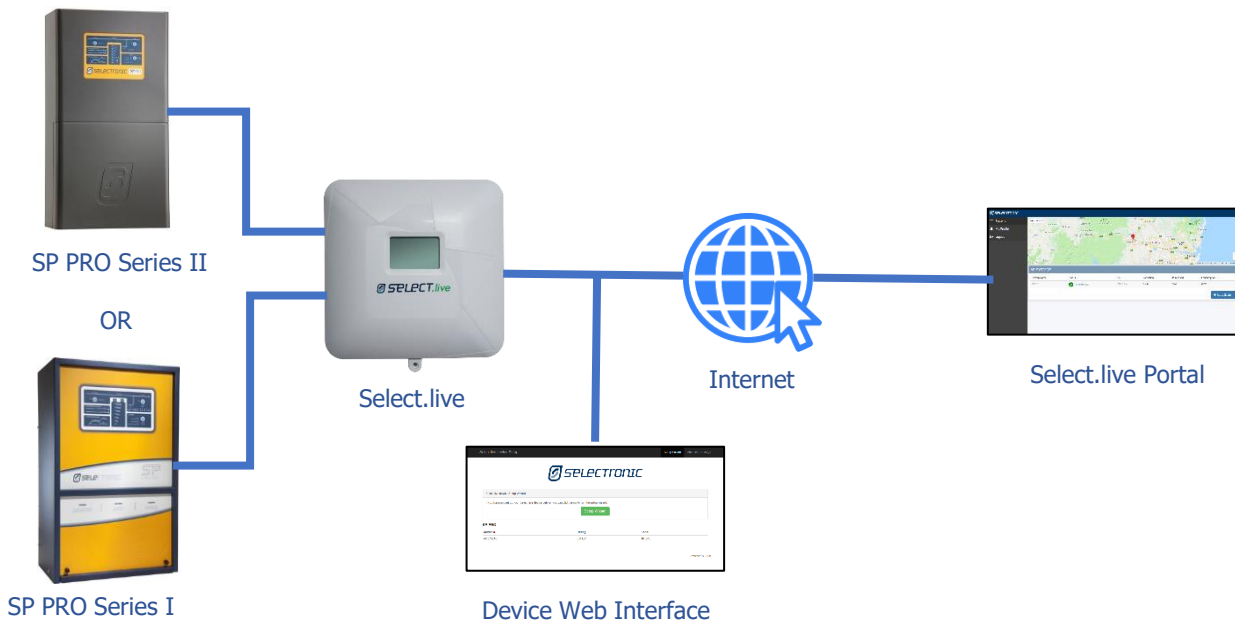
This document uses special formatting for the representation of buttons, links etc. which are follows

Formatting	Description
<Input Text>	Input field of the form
[Save]	Buttons or link
'Menu1'	Menu item
'Menu1'→[button]	Menu followed by button path in order of the right arrow
<i>Example</i>	Example in italics

## 1.2 Select.live

Select.live is a remote communication system for the SP PRO that enables users to view data remotely using internet connected PC, laptop and mobile devices. Select.live consists of two modules, Select.live and Select.live portal

Select.live communicates with the SP PRO system via its communication port and sends the data to the remote server (Select.live Portal) via the internet. Select.live Portal stores all this data ready to display to the user via web charts and animated flow tools.



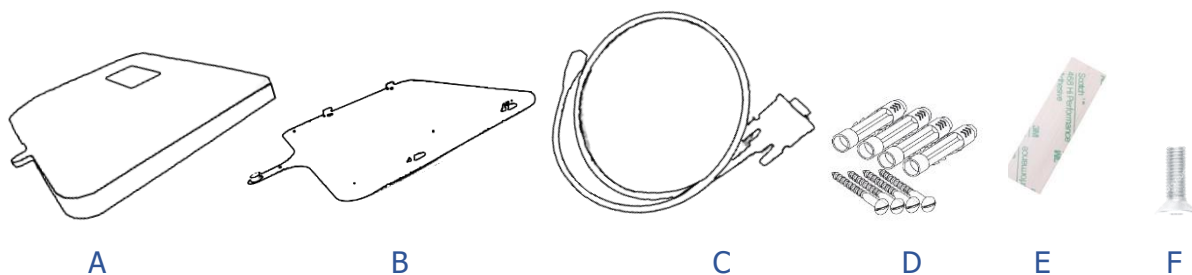
## 2 Package Contents

Check the delivery for completeness and for any external damage. Contact your dealer if the delivery is incomplete or damaged.

### 2.1 Select.live Package

This package contains Select.live and accessories for the connection to SP PRO Series II inverters only.

Order Code: **005283**

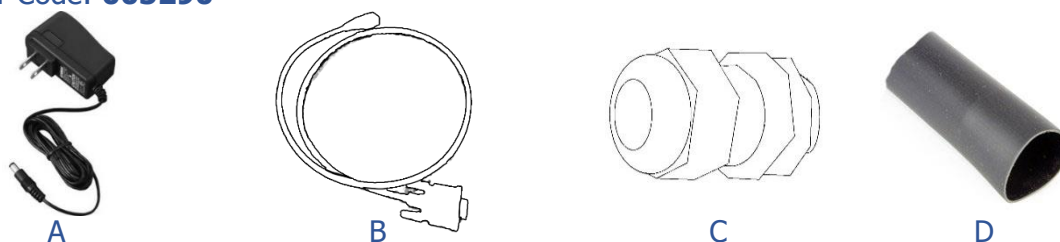


Position	Quantity	Description
A	1	Select.live
B	1	Wall Mount Plate
C	1	Communication Cable
D	4	Wall Mount Screws with wall anchors
E	2	Double Side Mounting Strip
F	1	Small Screw

### 2.2 Select.live Adaptor Kit Package

This extra package is required when connecting Select.live to the SP PRO Series I inverter.

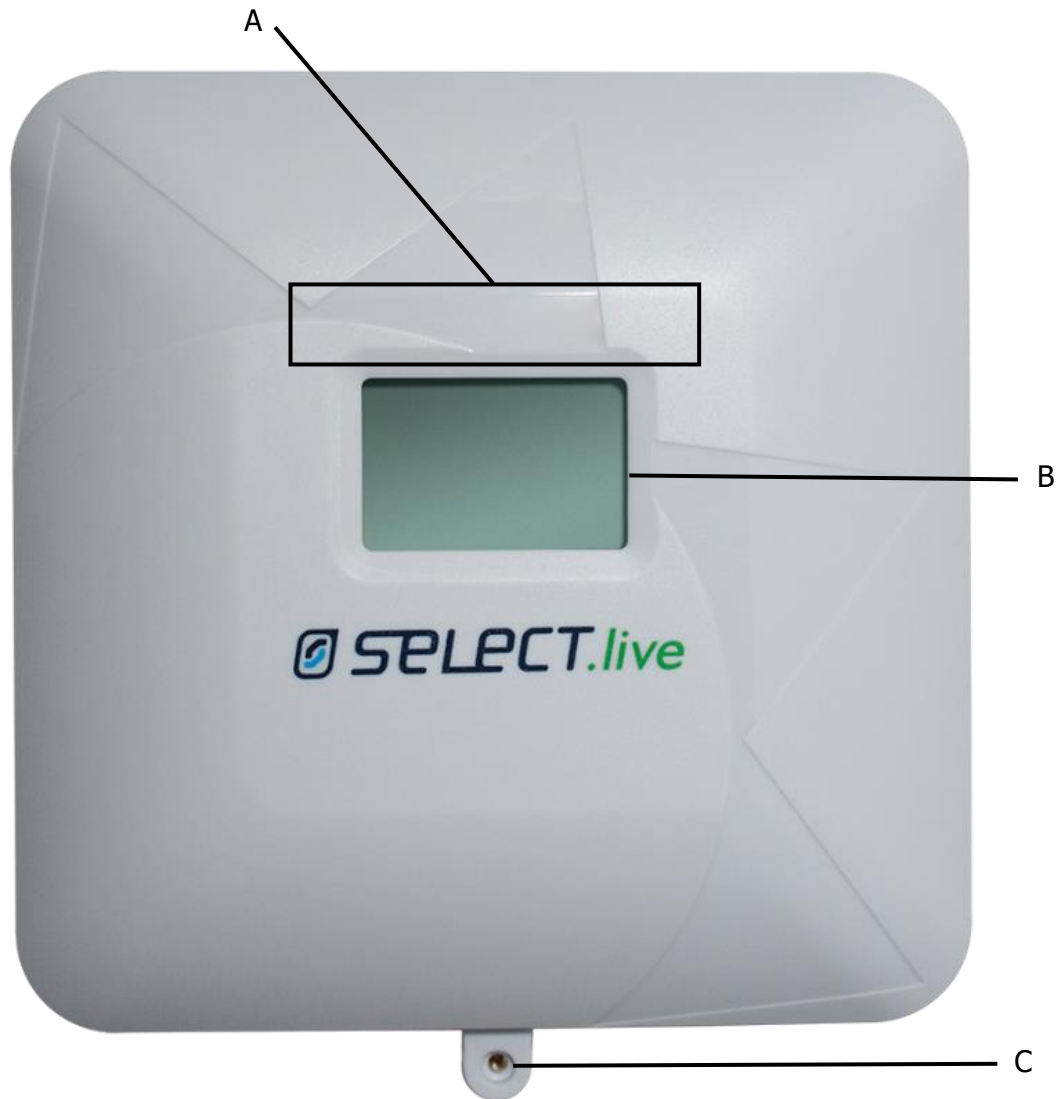
Order Code: **005290**



Position	Quantity	Description
A	1	12V DC power adaptor
B	1	Power Console cable
C	1	25mm Gland
D	1	70mm long Wire Sleeve

### 3 Select.live Overview

#### 3.1 Select.live

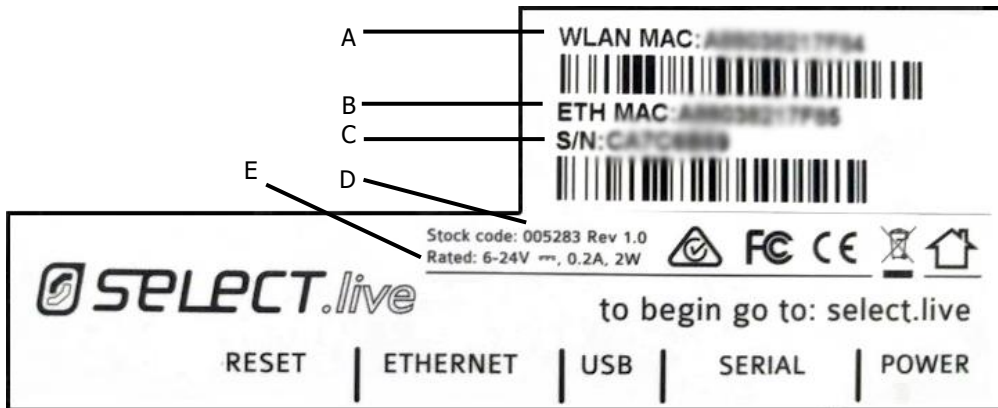


Position	Description
A	Wi-Fi antenna area of Select.live
B	LCD display of Select.live
C	Position for the small screw to secure Select.live to the wall mount plate



### 3.2 Device Label

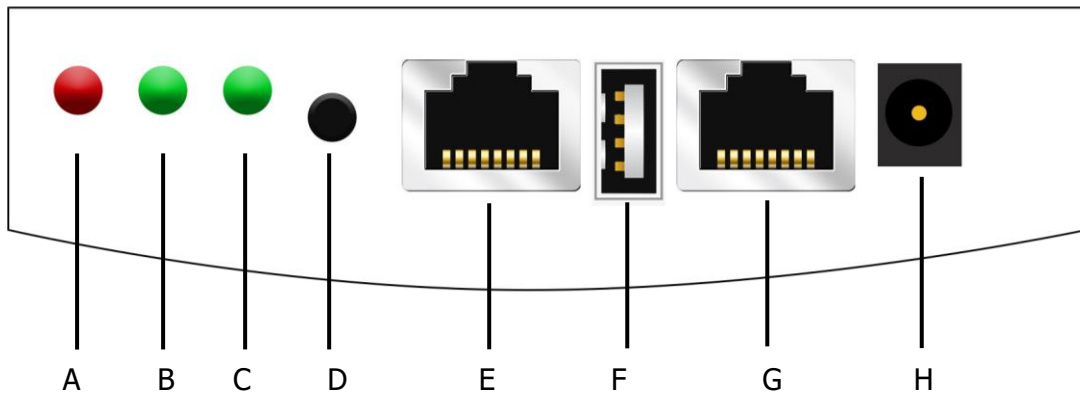
The device label is found on the back of Select.live. The label has following details



Position	Label	Description
A	WLAN MAC	MAC address of the Wi-Fi.
B	ETH MAC	MAC address of the Ethernet.
C	S/N	Serial Number.
D	Stock Code	Stoke code and hardware version.
E	Rated	The power rating.

### 3.3 Connection and LED indicators

The connection area is on the back of Select.live facing downwards. The label for the connectors is on the back.



Position	Name	Status	Description
A	Power LED	Solid Red	Select.live has a power supply
		Off	Select.live has no power supply
B	Ethernet LED	Blinking green	Ethernet is transferring data
		Off	Ethernet is not transferring data
C	Wi-Fi LED	Blinking green	Wi-Fi is transferring data
		Off	Wi-Fi is not transferring data
D	Reset Button		Push button to reboot and factory reset
E	Ethernet Port		Ethernet connection
F	USB A Port		USB A connection host (no function)
G	Serial Port		The Serial connection to the SP PRO
H	DC Power Port		2.5 DC jack for power supply (Only used with Series I SP PRO)

## 4 Installation and Commissioning

Based on the network selection, there are two options for the commissioning of Select.live. Choose the method of connection that is most convenient for the installation.

- Commission of Select.live via Wi-Fi connection
- Commission of Select.live via Ethernet connection

### Commission of Select.live via Wi-Fi connection

- Mount Select.live's wall mount plate on the wall (see page 12).
- For SP PRO Series II, connect Select.live to the SP PRO via communication cable (see page 13).  
For SP PRO Series I, connect Select.live to the SP PRO via the communication cable and power console cable (see page 14). Fix Select.live on wall mount plate.
- Configure Select.live to connect to the SP PRO (see page 16).
- Configure Select.live to connect to the internet via Wi-Fi (see page 17).
- Complete the Setup Wizard (see page 19).
- Register to Select.live Portal (see page 21).
- Add Select.live to the Portal (see page 22).
- The commission is complete. Monitor your system (see page 24).

### Commission of Select.live via Ethernet connection

- Mount Select.live's wall mount plate on the wall (see page 12).
- For SP PRO Series II, connect Select.live to the SP PRO via communication Cable (see page 13).  
For SP PRO Series I, connect Select.live to the SP PRO via the communication cable and power console cable (see Page 14). Fix Select.live on wall mount plate
- Configure Select.live to connect to the SP PRO (see page 16).
- Configure Select.live to connect to the internet via Ethernet (see page 18).
- Connect the ethernet cable to Select.live and the router. (See page 12)
- Complete the Setup Wizard (see page 19).
- Register to Select.live Portal (see page 21).
- Add Select.live to the Portal (see page 22).
- The commission is complete. Monitor your system (see page 24).

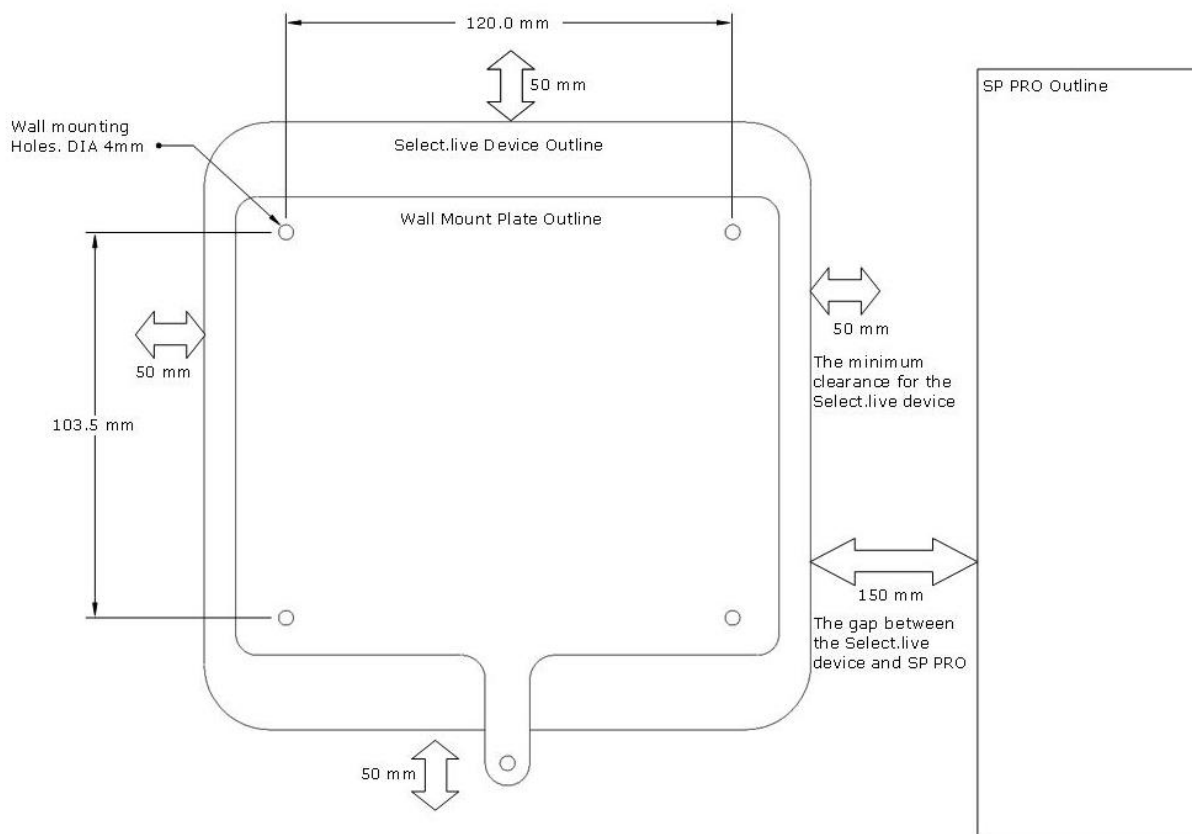
## 4.1 Mounting

Mount Select.live on the wall in an upright position as per the following requirements:

- Select.live is recommended for indoors wall mount.
- The ambient conditions at the mounting location must be  $-10^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
- Use the supplied communication cable.
- If using Ethernet to connect Select.live to the internet, the maximum length of the Ethernet cable is 100m.
- If using Wi-Fi to connect Select.live to the internet, Select.live must be mounted in a location with access to your Wi-Fi network.
- Protect Select.live from dust, wet conditions, corrosive substances and vapours.

The procedure to mount Select.live is as follows:

- Detach the wall mount plate from Select.live by sliding them apart.
- Drill four holes in the wall as per the dimensions below and mount the wall mount plate on the wall using mounting screws and wall anchors. The gap on all sides of Select.live must be at least 50 mm as shown. The gap between Select.live and SP PRO must be at least 150mm.

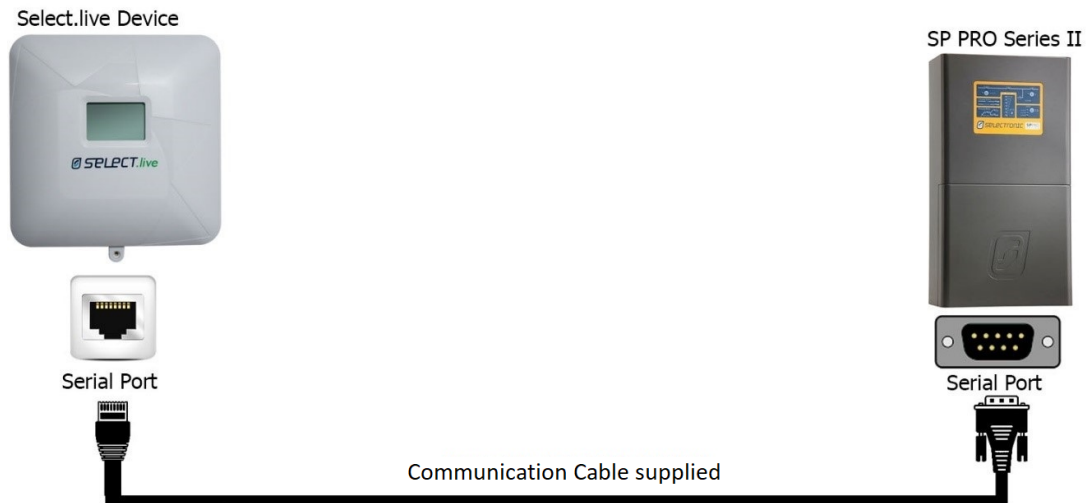


- Select.live is ready to connect to SP PRO and power cables.

## 4.2 Connection to the SP PRO

### 4.2.1 Connection to the SP PRO Series II

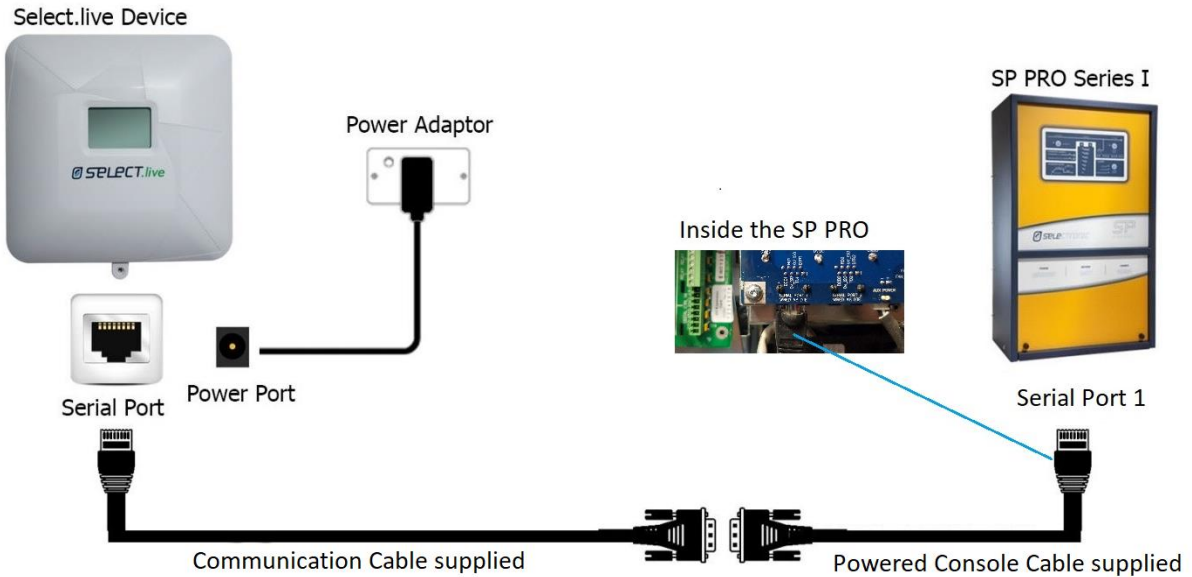
- Connect Select.live to the SP PRO Series II using the Communication Cable supplied, as shown.



- Select.live is powered from the SP PRO. The power adaptor is not required.
- Place Select.live on the wall mount plate, securing it with the small screw.
- Turn on the SP PRO and Select.live will power up, ready to login.

### 4.2.2 Connection to the SP PRO Series I

- Connect Select.live to the SP PRO Series I using the Communication Cable and the Powered Console cable supplied, as shown.
- The Powered Console Cable threads through the gland and sleeve provided through the base of the SP PRO. It is connected to Serial Port 1 inside the SP PRO.
- Connect the power adaptor to Select.live.



- Use the Gland and Sleeve to fasten the Powered Console cable to the gland plate located at the bottom of the SP PRO as shown.
- Place Select.live on the wall mount plate and use secure I with the small screw.
- Turn on the SP PRO and the power adaptor. Select.live is ready to login.



### 4.3 Login to Select.live

- Check that the power LED and LCD display are lit after the connecting power to the SP PRO (and power adaptor for SP PRO series I). After a minute, the following message will be displayed on the LCD display of Select.live:

```

----- SETUP -----
      Connect to Wi-Fi
      SSID: selectronic

      Browse to:
      http://192.168.1.1
      to setup
  
```

- Connect to Select.live using Wi-Fi SSID: “**selectronic**” with no password.
- Open a web browser and enter <http://192.168.1.1>. The browser will then direct you to Select.live web interface.
- Select.live is ready for Setup Wizard.

### 4.4 Setup Wizard of Select.live

To enter into the Setup Wizard, click on the large green button [Setup Wizard] from the home page of Select.live web interface as shown:

Select.live device Setup Setup Wizard Advanced Settings

**SELECTRONIC**

Select.live device Setup Wizard

If you have not set up your Select.live device before, you can click below to run the setup wizard.

[Setup Wizard](#)

**SP PRO**

Device ID	Rating	Serial	Connection Status
AC37581C	3.0 kW	161818	Online

Firmware: 3.6.3

#### 4.4.1 Configuring Select.live for the SP PRO

- Select.live autodetects the SP PRO. The SP PRO details are shown in the dialog box as shown. Click [Next] to proceed to the next step of the Setup Wizard- Selection of the network.

Setup Wizard - Configure Device

This Select.live device is already configured to monitor one SP PRO:

Serial Number	Power Rating
XXXXXX	X,X kW

Click **Next** to configure network settings  
Click **Cancel** to exit the setup wizard.

Cancel Next >>

- If the device couldn't autodetect the SP PRO, a form will appear in the dialog box as shown:

Setup Wizard - SP PRO Connection

Failed to detect an SP PRO inverter using the default settings.

The SP PRO login password may have been changed. Please enter the correct SP PRO login password then click **Autodetect**.

Autodetect

SP PRO Login Password Selectronic SP PRO

Click **Next** once the SP PRO has been detected.

Cancel Next >>

- Enter the correct <SP PRO Login Password> and click [Autodetect]. <SP PRO Login Password> defaults to "Selectronic SP PRO". For more detail on <SP PRO Login Password>, refer to the SP PRO user manual.
- On successful autodetect and correct <SP PRO Login Password>, the SP PRO serial number will appear in the <Serial>. Click [Next] to continue.



#### 4.4.2 Configuring Select.live for the Internet via Wi-Fi

- Select the <Connection Type> as "Wi-Fi" and click [Next] to continue as shown.

Setup Wizard - Select Connection Type

The next step is to configure the Select.live device's connection to the internet. Select whether you would like to use a wired or wireless connection.

If you are using a wired connection plug an Ethernet cable from your router to the Select.live device, then select 'Ethernet' below. If you plan to use a wireless connection, select 'WiFi'.

**Connection Type**

Select a Connection Type

Select a Connection Type

WiFi

Ethernet

Cancel Back Next

- A form for the Wi-Fi connection appears as shown.

Setup Wizard - Network Settings

Enter your network settings and click **Finish** to complete the setup.

[More Information](#)

**Available Access Points**

[Refresh](#)

-- Please Select Your WIFI --

Hidden SSID

Carkey

iiNetD4326D

TelstraDBF037

DODO-40ED

TelstraE8AEC5

Telstra Air

Fon WiFi

TPG D321

DODO-CE8C

TP-LINK\_797C

Telstra Air

Telstra Air

SSID

Encryption wpa2

Password

Cancel Back Finish

- Click [Refresh] to update the list of Wi-Fi networks available in the <Available Access Points>. This takes about 5 seconds.
- Select your Wi-Fi network from the <Available Access Points> to update the <SSID> and <Encryption>.
- Enter <Password> of the Wi-Fi network.
- Click [Finish] to proceed to final setup of the Setup Wizard.

### 4.4.3 Configuring Select.live to the Internet via Ethernet

- Select the <Connection Type> as "Ethernet" and click [Next] to continue.

The screenshot shows a dialog box titled "Setup Wizard - Select Connection Type". The text inside reads: "The next step is to configure the Select.live device's connection to the internet. Select whether you would like to use a wired or wireless connection. If you are using a wired connection plug an Ethernet cable from your router to the Select.live device, then select 'Ethernet' below. If you plan to use a wireless connection, select 'WiFi'." Below the text is a "Connection Type" dropdown menu with "WiFi" selected. The dropdown is open, showing "WiFi" and "Ethernet" as options, with "Ethernet" highlighted. At the bottom of the dialog are "Cancel", "Back", and "Next" buttons.

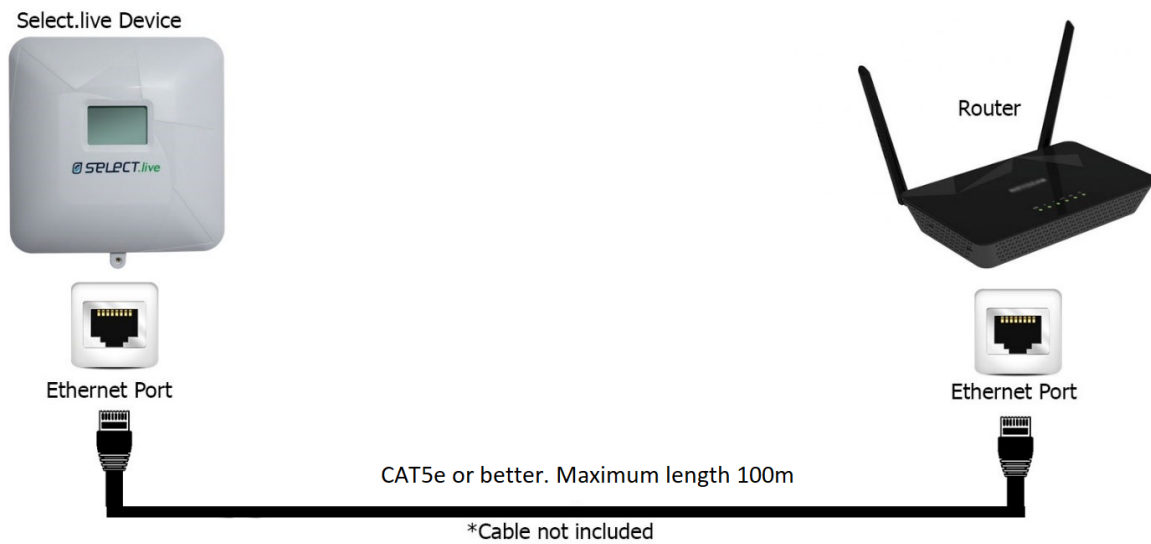
- A form for the Ethernet connection appears as shown.

The screenshot shows a dialog box titled "Setup Wizard - Network Settings". The text inside reads: "Enter your network settings and click **Finish** to complete the setup." Below this is a section titled "More Information" with several input fields: "DHCP Enabled" (a dropdown menu with "select" chosen), "Hostname", "Static IP Address", "Static IP Netmask", "Static IP Gateway", and "Static IP DNS server". At the bottom of the dialog are "Cancel", "Back", and "Finish" buttons.

- With <DHCP Enabled> as "On", enter the <Hostname> (can be any name or empty) only. It is recommended to have <DHCP Enabled> as "On".
- With <DHCP Enabled> as "Off", enter the <Hostname> (can be any name or empty), <Static IP Address>, <Static IP Netmask>, <Static IP Gateway> and <Static IP DNS server>.
- For more information on the input field, Click [More Information].
- Click [Finish] to proceed to final setup of the Setup Wizard.

#### 4.4.4 Connection to the Ethernet cable

If you are connecting Select.live to the internet via Ethernet then connect the Ethernet cable between Select.live and the router now. The maximum length of the ethernet cable is 100m of CAT5e or better.



### 4.4.5 Completing the Setup Wizard

Select.live device setup

## Setup Complete ✓

### The Next Step.

If everything went well, your Select.live device should now be operating correctly. The LCD screen will look something like this:

```

            --- Registration ---
            CLOUD:OK
            IP   :x.x.x.x
            D.Ver:3.6.3-u
            Please enter
                   Device ID: AC37581C
                   and Serial: 161818
            in Select.live Portal
        
```

Now, got to Select.live, create an account and add this system using:

- o Device ID: AC37581C
- o Serial: 161818

*(Note: if this system is already added to the Select.live Portal, skip this step. This system is ready to view in the Portal)*

<https://select.live>

If the LCD screen looks like this, the Wi-Fi password is wrong or saved Wi-Fi is not available. To reconfigure Wi-Fi on your Select.live device, perform a Factory Reset by pressing the reset button for 10s. Then restart the Setup Wizard to enter the correct Wi-Fi settings.

```

            --- Registration ---
            CLOUD:NO LAN
            IP   :Unknown
            D.Ver:3.6.3-u
            ** No Connection! **
            Please check your
            Wi-Fi password or
            Ethernet connection
        
```

@SELECTRONIC

- Select.live is ready to link in the Portal with "Device ID" and "Serial".
- Within 30 seconds, "Device ID" and "Serial" are also shown in LCD display of Select.live as shown:

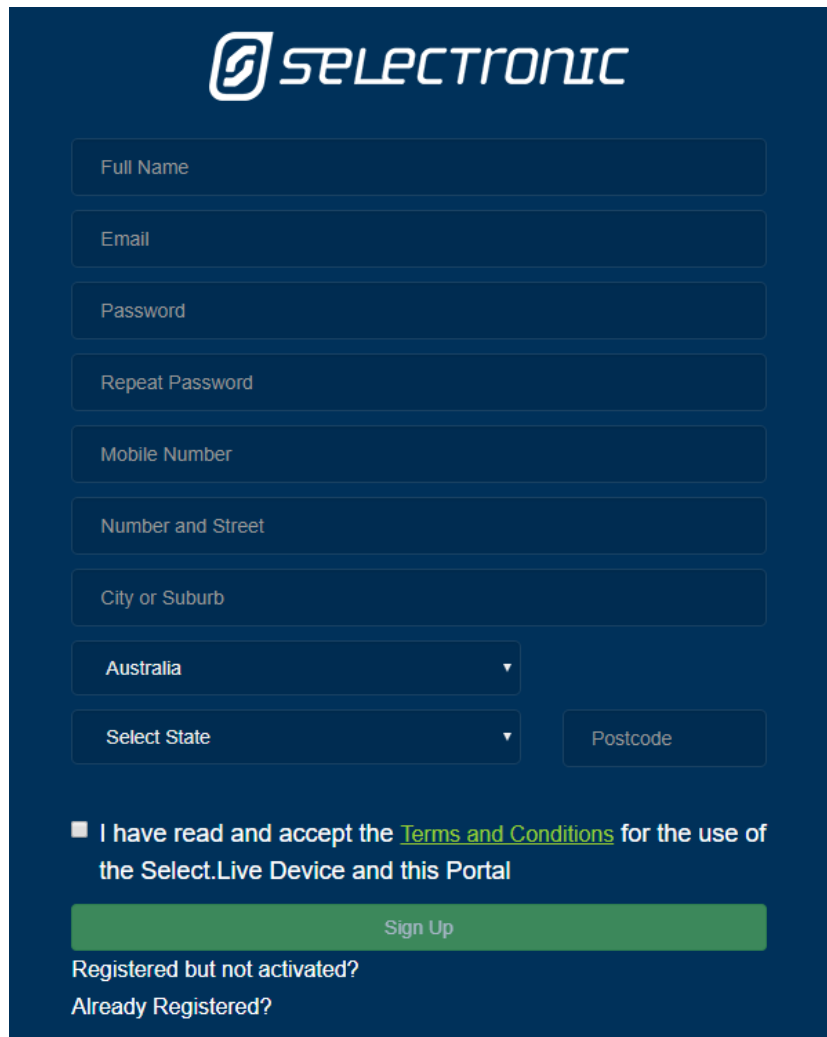
```

            --- REGISTRATION ----
            Cloud:OK
            IP   :XXX.XXX.XXX.XXX
            D.Ver:XX.XX.XX
            Please Enter:
                   Device ID: XXXXXXXX
                   Serial: XXXXXX
            in Select.live portal
        
```

**Note: The Wi-Fi (hotspot) "selectronic" is now disabled. To get it back, factory reset the device (See page 41) then rerun the Setup Wizard.**

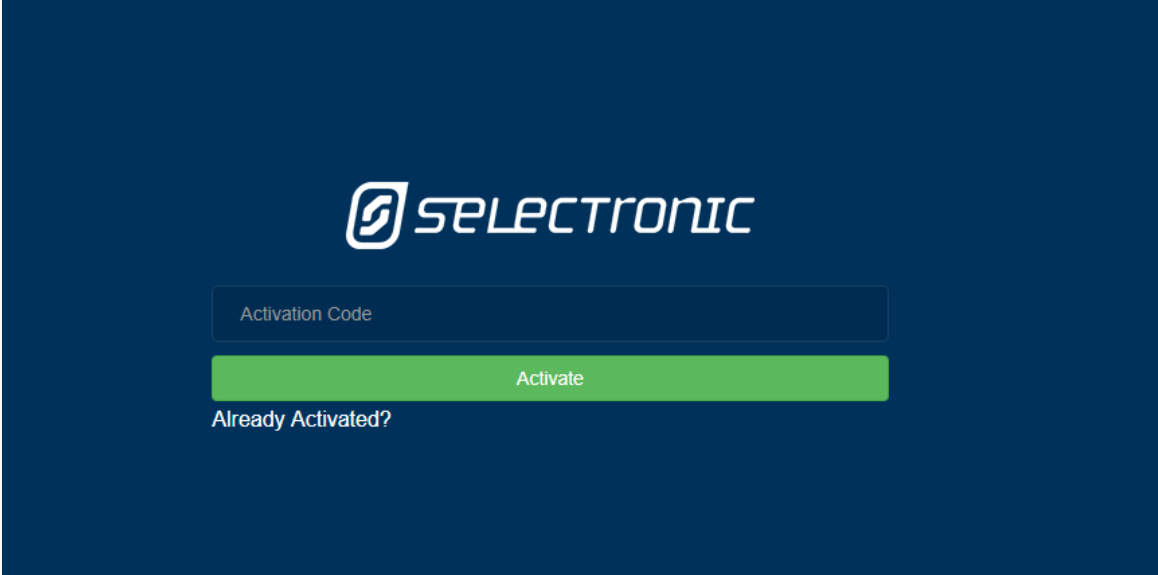
## 4.5 Registration to Select.live Portal

- Browse to Select.live Portal Registration page <https://select.live/register>. The Registration form appears in the browser as shown:



The screenshot shows the Select.live Portal registration form. At the top is the Selectronic logo. Below it are several input fields: Full Name, Email, Password, Repeat Password, Mobile Number, Number and Street, City or Suburb, a dropdown menu for Country (set to Australia), a dropdown menu for State (labeled 'Select State'), and a Postcode field. Below these fields is a checkbox labeled 'I have read and accept the Terms and Conditions for the use of the Select.Live Device and this Portal'. A green 'Sign Up' button is positioned below the checkbox. At the bottom of the form, there are two links: 'Registered but not activated?' and 'Already Registered?'.

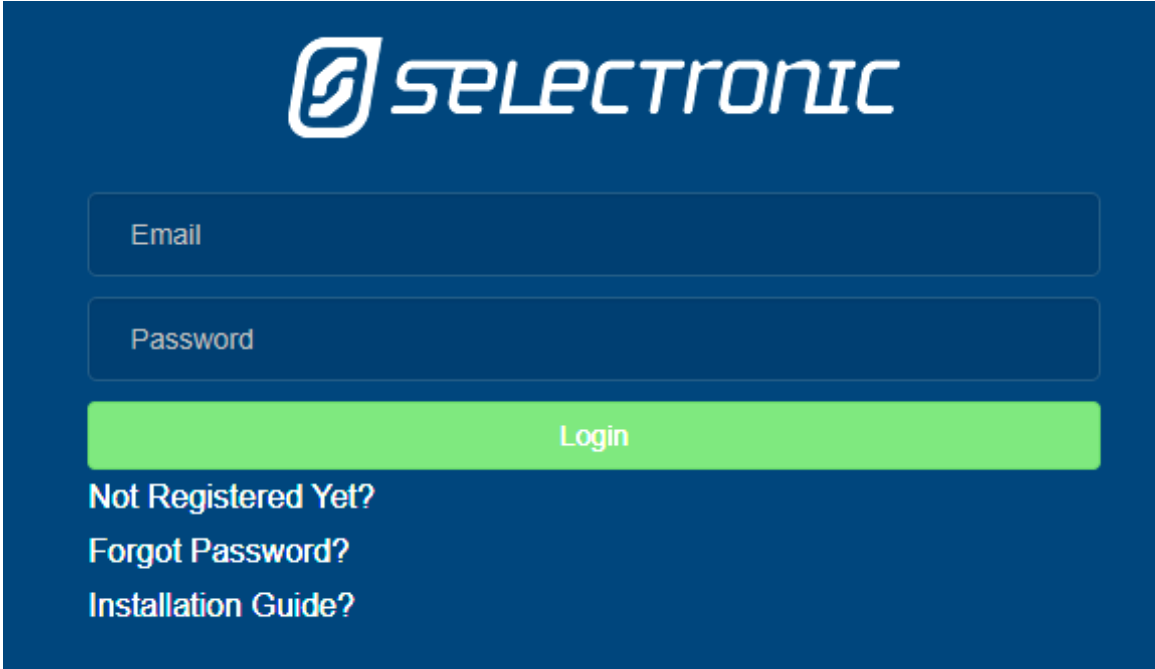
- An alternate way to reach registration page is to browse to Select.live Portal, <https://select.live> and click on [Not registered yet?"]
- Fill the form by entering <Full Name>, <Email>, <Password>, <Repeat Password>, <Mobile Number>, <Number and Street>, <Street line 2>, <City or Suburb>, <Country>, <State> and <Post code>
- Check the checkbox of terms and conditions.
- Submit the form by clicking [Sign Up]. An email containing an Activation Code is sent to the email address on successful registration.
- Browse to the Activation Page at <https://select.live/activate>. An activation form appears as shown:



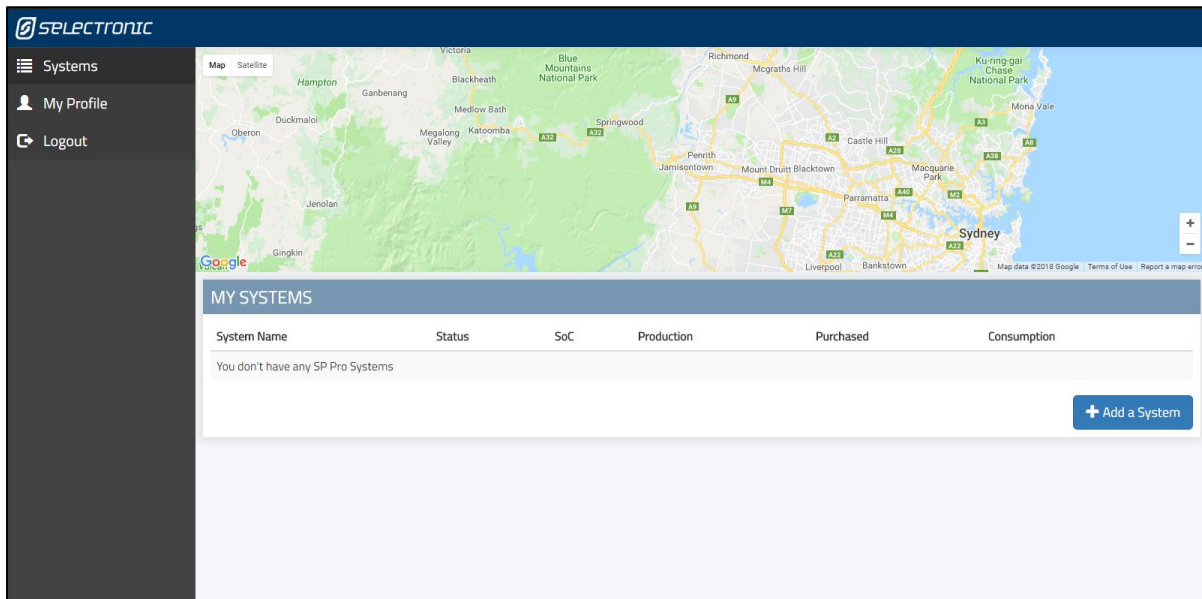
- Enter the <Activation Code> contained in the activation email.
- Submit the form by clicking [Activate].
- The Registration is complete and ready to login.

#### 4.6 Link Select.live to the Portal

- Browse to the login page at <https://select.live>. A login form appears:



- Fill in the <Email> and <Password> and click [Login]
- On Successful login, the page redirects to System page as shown.



- Click on [Add a System].

### Add a new System to your profile

Connect your Select.Live Device to your SP PRO and set it up so that it is connected to the Internet.

Please find the Device ID and Serial number on the LCD screen of your Select.Live Device as shown in the example, and copy those details into the form below.

```
-- Registration --
Cloud:OK
IP :XXX.XXX.XXX.XXX
D.Ver:XX.XX.XXX
Please Enter:
Device ID: XXXXXXXX
and Serial: XXXXXX
in Select.Live Portal
```

Device ID

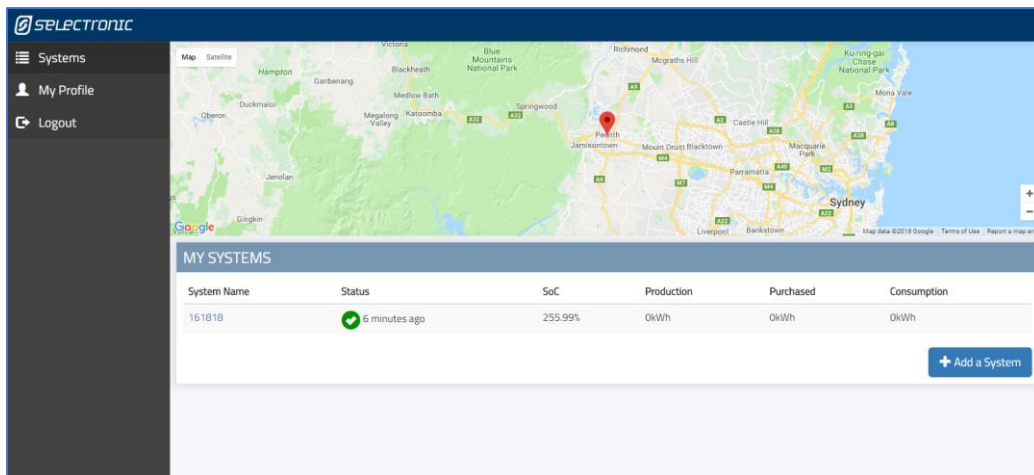
Serial

Access Required

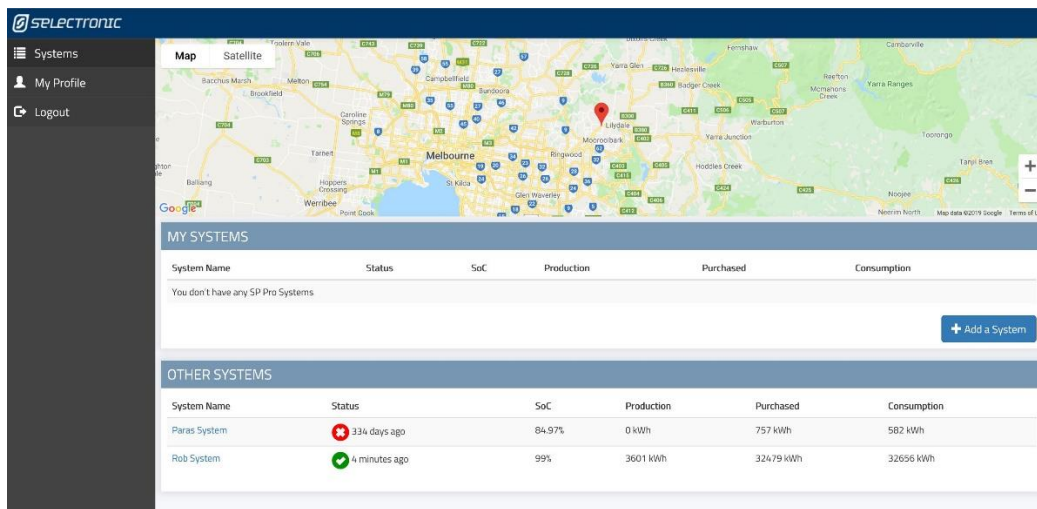
- Owner  Installer

- Fill in the form by entering <Device ID> and <Serial> of your Select.live.
- If you are the owner of the system then leave <Access Required> as Owner.
- If you are the installer and wish to add this system to your profile then you will need to:
  - Check that the owner of the system has first added the system to their profile.
  - Check that the owner has granted Installer Access under Settings.
  - Obtain the Device ID and Serial from the owner.
  - <Add a System> to installer’s profile.
  - Under <Access Required> select “Installer” (see above).
- Click [Add System] to link Select.live to account.

- If successful, the system will be added. System name, Status, SoC, Production, Purchased and Consumption appears in MY SYSTEMS of the System Page as shown.



- If you are the Installer then the system will be listed under OTHER SYSTEMS.



- Select.live is successfully added to Select.live Portal.

## 4.7 Monitoring of the system

Following are the pages of Select.live Portal for the monitoring of the system.

- **System Page:** This is the home page where all the systems are listed and a new system can be added. By clicking on System Name, the system's Dashboard page can be viewed. (See page 44)
- **Dashboard Page:** This page shows the power flow animation, Load Powered By, System info, environment contribution and energy chart of the selected system from the System page (See page 46)
- **Event Page:** This page shows historical and current events the selected system from the System page (See page 54)
- **Settings Page:** This Page allows users to change system name and solar size; and delete selected system (See page 55)
- **My Profile Page:** This Page allows users to change user detail and account password (See page 56)



## 5 Select.live Display Operation

Select.live has an LCD display that helps in the setup of the device and displays SP PRO data. Depending on the device setup, the LCD display changes the screen.

Following are the screens that are displayed on the LCD display of the device.

### 5.1 Before Setup Wizard

The following screen is displayed only after a minute following first power-up or factory reset. After the Setup Wizard has been completed, the screen changes.

```

----- SETUP -----
  Connect to Wi-Fi
  SSID: selectronic

  Browse to:
  http://192.168.1.1
  to setup
  
```

Parameter	Description
"selectronic"	The Wi-Fi hotspot SSID that is used for connection by PC or mobile device
<a href="http://192.168.1.1">http://192.168.1.1</a>	The URL to login to the web interface of the device.

The backlight of the LCD display will turn OFF a minute after power-up.

### 5.2 After the Setup Wizard

The following screens are displayed only after the Setup Wizard and before adding the device to the portal.

Screen 1: Registration

```

--- REGISTRATION ---
Cloud:OK
IP   :192.168.43.130
D.Ver:3.6.3
Please Enter:
  Device ID: AC375816
  Serial: 161818
in Select.live portal
  
```

Screen 2: SP PRO Status

```

--- SP PRO Status ---
SN   :161818
Rating:3000.0W
SoC  :84.9%
Grid  :0W
Load  :0W
Batt  :0W
Solar :0W
  
```

Parameter	Description
CLOUD	The connection status to the portal. CLOUD: OK – the device is connected to the portal (has an internet connection) CLOUD: ERROR or NO LAN – the device is not connected to the portal (has no internet connection)
IP	IP address of Wi-Fi or Ethernet whichever is selected in Setup Wizard. IP: XXX.XXX.XXX.XXX – the device is connected to a network IP: Unknown – the device is not connected to any network
D.Ver	The firmware version of the device
Device ID	A unique ID that is used for adding the system to the Portal
Serial	Serial of SP PRO, used for adding the system to the Portal
SN	Serial of SP PRO, used for adding the system to the Portal
Rating	The power rating of the SP PRO in Watts
SoC	Real-time State of charge of the battery from SP PRO in %
Grid	Real-time Grid Power of the SP PRO in Watts Positive value – Exporting to the grid Negative value – Importing from Grid
Load	Real-time Load Power of the SP PRO in Watts
Batt	Real-time Battery Power of the SP PRO in Watts Positive Value – Charging the battery Negative Value – Discharging the battery
Solar	Real-time Solar Power of the SP PRO in Watts

The screen switches between Screen 1 and Screen 2 every 2 seconds. The backlight of the LCD display stays off.

**Note: if the SP PRO has an active event, the screen is overridden by the event screen as shown in Section 5.4 (page 28).**

### 5.3 After Adding the device to the Portal

The following screens are displayed only after Setup Wizard and adding to the portal. The display switches between Screen 1 and Screen 2 every 3 seconds. The backlight of the LCD display stays off.

Screen 1: SP PRO Status 1

```

--- SP PRO Status ---
Cloud:OK
IP   :192.168.43.130
D.Ver:3.6.3
Devices: 1 of 1 OK
-----
Charge:84.9%

```

Screen 2: SP PRO Status 2

```

--- SP PRO Status ---
SN   :161818
Rating:3000.0W
SoC  :84.9%
Grid  :0W
Load  :0W
Batt  :0W
Solar :0W

```

Parameter	Description
CLOUD	The connection status to the portal. CLOUD: OK – the device is connected to the portal (has an internet connection) CLOUD: ERROR or NO LAN – the device is not connected to the portal (has no internet connection)
IP	The IP address of the Wi-Fi or Ethernet whichever is selected in Setup Wizard. IP: XXX.XXX.XXX.XXX – the device is connected to a network IP: Unknown – the device is not connected to any network
D.Ver	The firmware version of the device
Devices	The connection status of SP PRO. If "0 of 1 Ok", connection with SP PRO is lost
Charge	Real-time State of charge of the battery from SP PRO in %

If the connection to Wi-Fi or Ethernet is lost, the Screen 1: SP PRO status changes to:

```

--- SP PRO Status ---
Cloud:OK
IP   :192.168.43.130
D.Ver:3.6.3
** No Connection! **
Please check you
Wi-Fi password or
Ethernet connection

```

**Note: if the SP PRO has an active event, the screen is overridden by the event screen as shown in Section 5.4 (page 28).**

## 5.4 During Events

The following screen is displayed only on an active event of the SP PRO. The display switches between Screen 1, Screen 2, Screen 3 and Screen 4 every 3 seconds. The backlight of the LCD display stays off.

Screen 1: SP PRO Status 1

```

--- SP PRO Status ---
Cloud:OK
IP   :192.168.43.130
D.Ver :3.6.3
Devices: 1 of 1 OK
-----
Charge:84.9%
    
```

Screen 2: Fault Present

```

--- Fault Present ---
SN: 161818
System - Battery Temp
sensor OP
    
```

Screen 3: SP PRO Status 2

```

--- SP PRO Status ---
SN   :161818
Rating:3000.0W
SoC  :84.9%
Grid :0W
Load :0W
Batt :0W
Solar :0W
    
```

Screen 4: Fault Present

```

--- Fault Present ---
SN: 161818
System - Battery Temp
sensor OP
    
```

## 6 Login to Select.live

The web interface of Select.live can be accessed from two methods depending upon Wi-Fi Ad-mode (Hotspot) and Wi-Fi normal mode or Ethernet. The web interface doesn't have any authentication; it can be accessed by anyone in the same network.

**Note: Unauthorized access to your Select.live web interface is possible**

### 6.1 Login via Wi-Fi normal mode or Ethernet

The Wi-Fi hotspot of the device is not available after the Setup Wizard. Either the device's Wi-Fi or Ethernet will be connected to a network. The web interface of the device can be accessed by any PC or mobile device from the same network. Following is the procedure to login to the web interface of the device

- After the Setup Wizard, the <IP address> of Select.live is displayed on the LCD screen as shown.

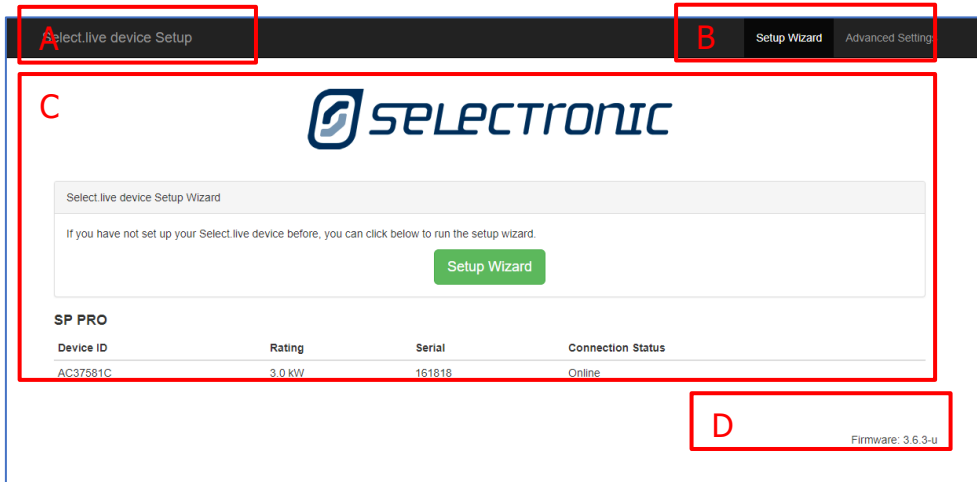
```
--- SP PRO Status ---  
CLOUD :OK  
IP      :192.168.43.130  
D.Ver  :3.6.3  
Devices: 1 of 1 OK  
-----  
Charge:84.9%
```

- From the computer or mobile device connected on the same network, open a web browser and enter `http://<IP address>` (e.g. <http://192.168.43.130>). The web link will then redirect to Select.live web interface.

## 7 Select.live Operation

### 7.1 User Interface

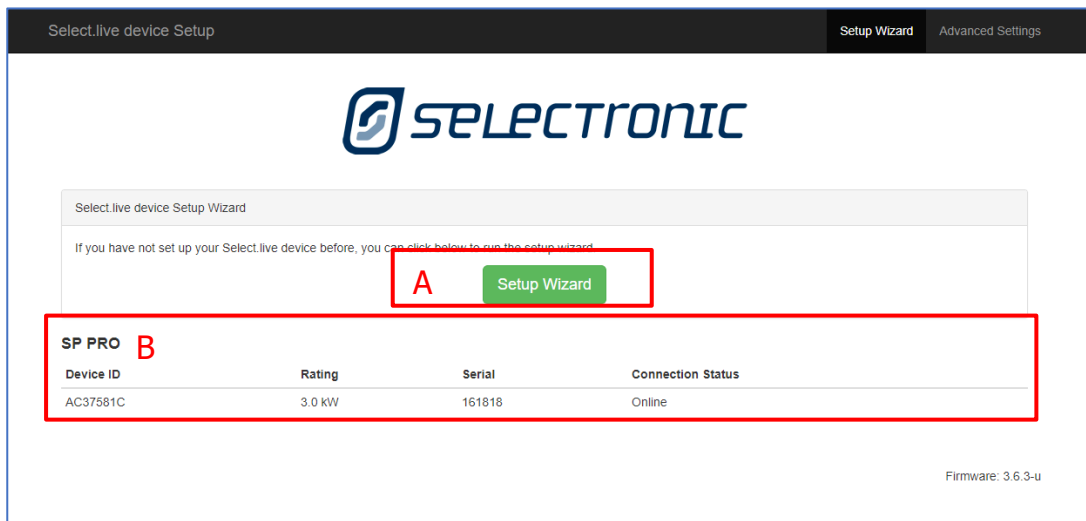
Select.live is operated via its web interface. After login, the web interface is displayed as shown.



Position	Description
A	Logo Content. On Click, navigates to Setup Wizard page
B	Menu navigation. <ul style="list-style-type: none"> <li>• Setup Wizard – navigates to the Setup Wizard page (see page 31)</li> <li>• Advanced Setting – navigates to the Advanced Setting page (see page 32)</li> </ul>
C	Main Content. The connect changes depending on the page.
D	Firmware version of the device. Bottom right corner.

## 7.2 Viewing Setup Wizard Page

- Login into the device (see page 15)
- The Setup Wizard page opens



Position	Description
A	[Setup Wizard] button. Open the Setup Wizard the dialog box (See page 15)
B	<p>SP PRO table – shows information of connected SP PRO.</p> <ul style="list-style-type: none"> <li>• Device ID – a unique 8 characters which used to link the device to the portal.</li> <li>• Rating – Power rating of the connected SP PRO in kW unit. E.g. 3.0kW</li> <li>• Serial – Serial number of the connected SP PRO</li> <li>• Connection Status – Connection status of SP PRO (Offline or Online)</li> </ul>

### 7.3 Viewing Advanced Settings page

- Login into the device (see page 15)
- Click on 'Advanced Settings' in the upper right corner.
- The Advanced Settings page opens.

Select.live device Setup Setup Wizard **Advanced Settings**

**SELECTRONIC**

**SP PRO** A

Click the **New SP PRO** button to add an SP PRO inverter.

Device ID	Rating	Serial	Actions
AC37581C	3.0 kW	161818	<input type="button" value="Details"/> <input type="button" value="Delete"/>

B

**My Network** C

Identify how your Select.live device will connect to the Internet - WiFi or Ethernet (hard wired). Click on **Edit** next to the appropriate connection. After your network settings are entered, click on **Apply Network Changes**.

Name	Mode	DHCP	IP	Netmask	Actions
WiFi	client	-	192.168.1.196	255.255.255.0	<input type="button" value="Edit"/>
Ethernet	client	on	-	-	<input type="button" value="Edit"/>

D

**Select.live device Firmware Status** E

Firmware is up-to-date.

Firmware: 3.6.3-b

Position	Description
A	SP PRO table – shows information and action for connected SP PRO. <ul style="list-style-type: none"> <li>• Device ID – a unique 8 characters which used to link the device to the portal.</li> <li>• Rating – Power rating of the connected SP PRO in kW unit. E.g. 3.0kW</li> <li>• Serial – Serial number of the connected SP PRO</li> <li>• Action – Contents two buttons                             <ul style="list-style-type: none"> <li>○ [Details] – Shows the detailed information of the connected SP PRO (see page 34)</li> <li>○ [Delete] – remote the connected SP PRO (see page 34)</li> </ul> </li> </ul>
B	[New SP PRO] button – Open a form to add new SP PRO (See page 35)

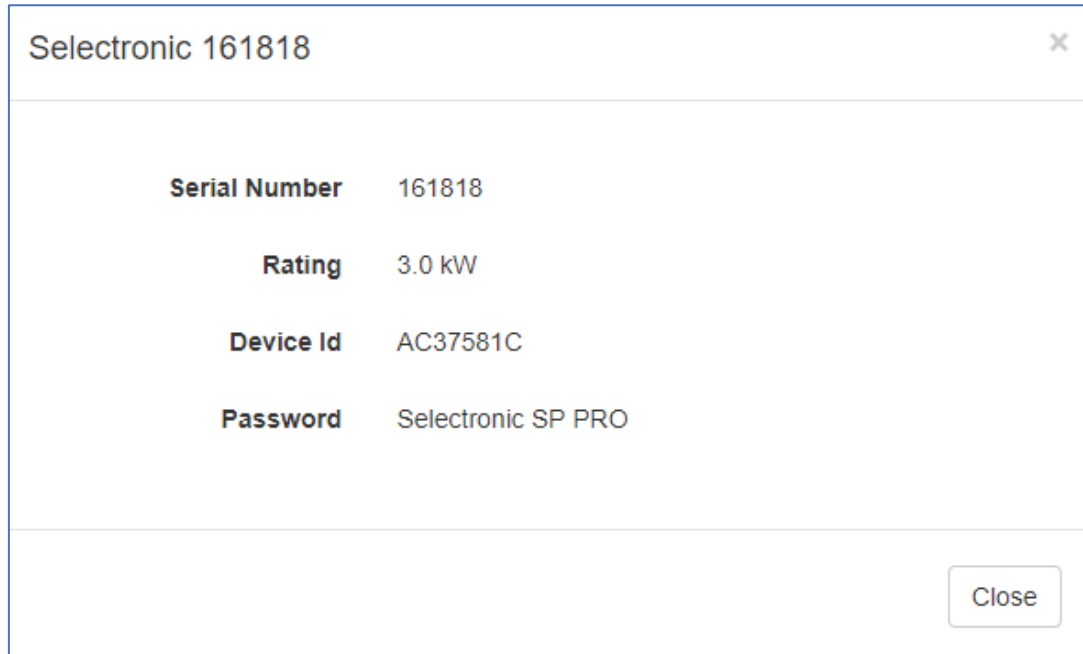


Position	Description
C	<p>My Network table – shows information and action for the Wi-Fi and Ethernet of the device.</p> <ul style="list-style-type: none"> <li>• Name – Wi-Fi and Ethernet.</li> <li>• Mode – Mode the of Wi-Fi and Ethernet <ul style="list-style-type: none"> <li>○ AP – Ad-hoc (Hotspot) mode, only for Wi-Fi</li> <li>○ Client – Normal mode for Wi-Fi and Ethernet</li> </ul> </li> <li>• DHCP – DHCP mode for the Ethernet only (not available for Wi-Fi) <ul style="list-style-type: none"> <li>○ on – DHCP is enabled for the Ethernet only</li> <li>○ off – DHCP is disabled for the Ethernet only</li> </ul> </li> <li>• IP – IP address of Wi-Fi and Ethernet respectively. If not available, represented by "-".</li> <li>• Netmask – Netmask address of Wi-Fi and Ethernet respectively. If not available, represented by "-".</li> <li>• Action – [Edit] buttons. <ul style="list-style-type: none"> <li>○ Wi-Fi [Edit] – open a form to edit Wi-Fi connection (See page 36)</li> <li>○ Ethernet [Edit] – open a form to edit Ethernet connection (See page 38)</li> </ul> </li> </ul>
D	<p>[Apply Network Changes] button – on click, applies changes made in Wi-Fi and Ethernet connection.</p>
E	<p>Device firmware status (see page 40)</p> <ul style="list-style-type: none"> <li>• Status – provide the status of the firmware by the following text: <ul style="list-style-type: none"> <li>○ "Firmware is up-to-date"</li> <li>○ "Firmware can be updated to x.x.x"</li> <li>○ "Firmware update x.x.x downloading in progress..."</li> <li>○ "Firmware update x.x.x is downloaded and ready to install."</li> <li>○ "FIRMWARE UPGRADE IN PROCESS..."</li> </ul> </li> <li>• [Check for new Firmware] button – Changes button label as follows: <ul style="list-style-type: none"> <li>○ [Check for new Firmware] – on click, check for new firmware. If available, change the status text to "New Firmware is available" and the button to [Download Firmware]</li> <li>○ [Download Firmware] – on click, download new firmware and changes button to [Cancel Download] during download and [Install Firmware Update] after download</li> <li>○ [Install Firmware Update] – On click install the firmware and reboots.</li> </ul> </li> </ul>

## 7.4 Viewing SP PRO detail

To view the connected SP PRO detail:

- Login into the device (see page 15)
- Click on 'Advanced Settings' in the upper right corner.
- Click on [Detail] in the SP PRO table.



Parameter	Description
Serial Number	Serial number of the connected SP PRO
Rating	The power rating of the connected SP PRO in kW unit. E.g. 3.0kW
Device ID	A unique 8 characters which used to link the device to the portal.
Password	SP PRO login password
[Close]	On click – closes the dialog box

## 7.5 Deleting the connected SP PRO

- Login to the device (see page 15)
- Click on 'Advanced Settings' in the upper right corner.
- Click on [Delete] in the SP PRO table.

**Note: This action is not reversible**

## 7.6 Adding new SP PRO

Following is the procedure to add new SP PRO detail:

- Login into the device (see page 15)
- Click on 'Advanced Settings' in the upper right corner.
- Click on [New SP PRO] in the SP PRO table.

**Add a new SP PRO**
✕

---

Click Autodetect to detect your SP PRO, then click Create

Autodetect

>

SP PRO login password

Selectronic SP PRO

Create

Parameter	Description
[Autodetect]	Scan for the SP PRO with <SP PRO login password>. On success, update <SP PRO Serial>
<SP PRO Serial>	The Serial number of connected SP PRO. (pick only) Update on click of [Autodetect]
<SP PRO login password>	SP PRO login password. Defaults to "Selectronic SP PRO"
[Create]	Submits form. On successful – add new SP PRO and closes. On fail – pops an error message.
[x]	On click – closes the dialog box

- Change <SP PRO login password> if it is different than "Selectronic SP PRO"
- Click [Autodetect]→[Create].
- A new SP PRO is successfully added.

## 7.7 Editing Wi-Fi Connection

- Login into the device (see page 15)
- Click on 'Advanced Settings' in the upper right corner.
- Click on [Edit] of Wi-Fi from my Network table.

### Edit interface wlan0

**Available Access Points**

Refresh

-- Please Select Your WIFI --

Hidden SSID

**Carkey**

tolinbran

iiNetD4326D

Telstra6A54C7

TelstraE8AEC5

Telstra Air

Fon WiFi

Telstra Air

Fon WiFi

TP-LINK\_797C

DODO-40ED

Telstra Air

Fon WiFi

TelstraE8AEC5

**SSID** Carkey

**Encryption** wpa2

**Password**

Cancel Update

Parameter	Description
[Refresh]	Scan for the Wi-Fi networks. Update the list on <Available Access Points>.
<Available Access Points>	List of available Wi-Fi network (SSID) (pick only) Update on click of [Refresh]. On select updates <SSID> and <Encryption>
<SSID>	Wi-Fi network name SSID
<Encryption>	Wi-Fi network's password type. "none", "WEP", "WPA" and "WPA2"
<Password>	SP PRO login password. Defaults to "Selectronic SP PRO"
[Update]	Submits form. On successful – updates the Wi-Fi connection and close the dialog box. <b>Note: only update of change but not applied yet</b>
[Cancel]	On click – closes the dialog box
[x]	On click – closes the dialog box

- Click [Refresh] to update <Available Access Points>
- Pick your Wi-Fi network from <Available Access Points>
- Enter <Password> if any
- Click [Update] to update changes
- Click [Apply Network Changes] in the Advanced Settings page to apply changes.

Wi-Fi connection is successfully changed.

**Note: This will override the network method preference. Wi-Fi will be preferred over Ethernet.**

## 7.8 Editing Ethernet Connection

- Login into the device (see page 15)
- Click on 'Advanced Settings' in the upper right corner.
- Click on [Edit] of the Ethernet in the 'My Network' table.

### Edit interface br-lan ✕

<b>DHCP Enabled</b>	<input type="text" value="on"/>
<b>Hostname</b>	<input type="text" value="selectronic-eth"/>
<b>Static IP Address</b>	<input type="text"/>
<b>Static IP Netmask</b>	<input type="text"/>
<b>Static IP Gateway</b>	<input type="text"/>
<b>Static IP DNS server</b>	<input type="text"/>

Parameter	Description
<DHCP Enabled>	DHCP of the Ethernet <ul style="list-style-type: none"> <li>On – gets &lt;Static IP address&gt;, &lt;Static IP Netmask&gt;, &lt;Static IP Gateway&gt; and &lt;Static IP DNS server&gt; automatically and are disabled.</li> <li>Off – manual input of &lt;Static IP address&gt;, &lt;Static IP Netmask&gt;, &lt;Static IP Gateway&gt; and &lt;Static IP DNS server&gt;</li> </ul>
<Hostname>	Hostname – can be any name or empty
<Static IP address>	Manual input of IP address. Enabled only on <DHCP Enabled> as off
<Static IP Netmask>	Manual input of Netmask address. Enabled only on <DHCP Enabled> as off
<Static IP Gateway>	Manual input of gateway address. Enabled only on <DHCP Enabled> as off
<Static IP DNS server>	Manual input of DNS address. Enabled only on <DHCP Enabled> as off. 0.0.0.0 for disabled
[Update]	Submits form. On successful – updates the Ethernet connection and close the dialog box. <b>Note: only update of change but not applied yet</b>
[Cancel]	On click – closes the dialog box
[x]	On click – closes the dialog box

- Choose <DHCP Enabled> as on or off
- Enter <hostname>
- Enter <Static IP address> for <DHCP Enabled> off
- Enter <Static Netmask address> for <DHCP Enabled> off
- Enter <Static Gateway address> for <DHCP Enabled> off
- Enter <Static DNS server> for <DHCP Enabled> off
- Click [Update] to update changes
- Click [Apply Network Changes] from Advanced Setting Page to apply changes.

Ethernet connection is successfully changed.

**Note: This will override the network method preference. Ethernet will be preferred over Wi-Fi.**

## 7.9 Updating new Firmware

Select.live checks for new firmware daily at midnight and will be updated within the following 4 hours. The device can be forced to check for new firmware and update via the web interface.

- Login into the device (see page 15)
- Click on 'Advanced Settings' in the upper right corner.
- Click on [Check for new Firmware] to check for new firmware available.
- If new firmware is available, the button changes to [Download Firmware] and the firmware status changes "Firmware can be updated to x.x.x" from "Firmware is up-to-date" as shown.

### Select.live device Firmware Status

Firmware can be updated to x.x.x

Download Firmware

- Click on [Download Firmware] to download new firmware
- The firmware status changes to "Firmware update x.x.x download in progress..." and the button to [Cancel Download] as shown.

### Select.live device Firmware Status

Firmware update x.x.x download in progress...

Cancel Download

- After download is complete, the firmware status changes to "Firmware update x.x.x is downloaded and ready to install." and the button to [Install Firmware Update] as shown.

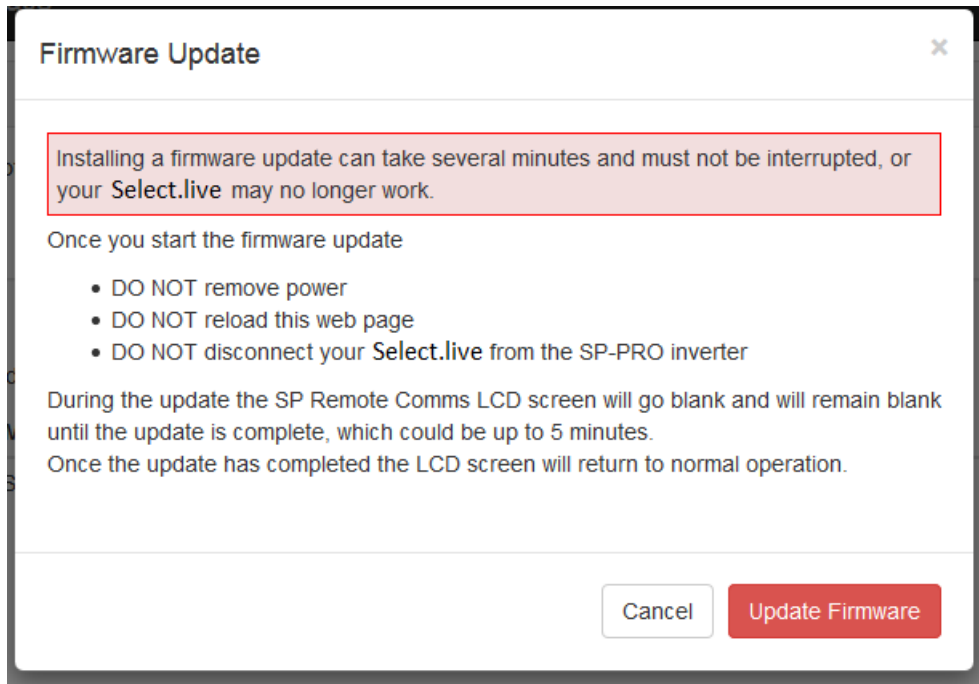
### Select.live device Firmware Status

Firmware update x.x.x downloaded and ready to install.

Install Firmware Update

- On click [Install Firmware Update], the confirmation dialog box opens as shown.





- On Click of [Update Firmware] of the dialog box, starts the installation, closes the dialog box, the firmware status changes to "FIRMWARE UPGRADE IN PROGRESS ..." and the button is hidden as shown.

## Select.live Firmware Status

### FIRMWARE UPGRADE IN PROGRESS ...

- After installation, the device reboots.
- Re-login to the device and check firmware version on bottom-right of the web interface.

## 7.10 Factory Reset of the device

- Unscrew the small screw from the front of Select.live.
- Slide select.live up to unlock from wall plate.
- Locate the reset button at the back as shown on page 10.
- Press and hold the button for 20 seconds.
- On release of the button, the device factory resets and reboots.

A short press of the button, less than 5 seconds, will reboot Select.live only. For confirmation of the factory reset, after Select.live reboots, the LCD display shows the initial setup screen (see page 25). After factory reset, Select.live needs to complete the Setup Wizard again for Internet connection.

## 7.11 Login to the Portal

- Browse the login page at <https://select.live>. A login form appears as shown.

Parameter	Description
<Email>	Email of the user
<Password>	Password of the user
[Login]	Submits form. On successful – logs into the account and redirect to System page.
[Not Registered Yet?]	On Click – redirect to Registration page
[Forgot Password?]	On Click – redirect to Forget Password page
[Installation Guide?]	On Click – open landing page of Select.live in the new window.

- Fill the <Email> and <Password> and click [Login]
- On success, page redirects to the system page. On fail, following error message is shown: "Bad email address or password"

**Note: If the <Email> of the user exists but the account is not activated, the activation code is resent to the <Email>, and redirects to Activation Page.**

## 7.12 Reset the login password

- Browse the Forget Password page by the link <http://select.live/forgot>. A forgot form appears as shown.

Parameter	Description
<Email>	Email of the user
<Mobile Number>	Mobile Number of the user
[Send]	Submits form. On successful – a randomly generated password is sent to the email.
[Not Registered Yet?]	On Click – redirect to Registration page
[Remember Password?]	On Click – redirect to Login Page

- Fill the <Email> and <Mobile Number> and click [Send]
- On success, a randomly generated password is sent to the <Email>. On fail, the following error message is shown.

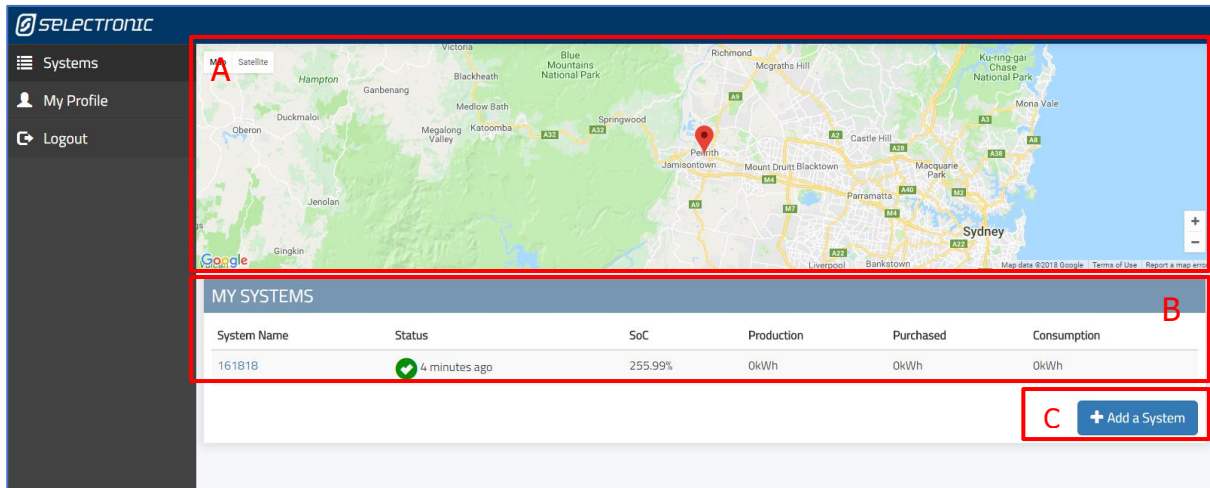
Error message	Description
Could not find a user matching that email address and phone	<Email> is wrong or doesn't exist.
Phone number does not match	<Mobile Number> is wrong or doesn't exist.

## 8 Select.live Portal Operation

### 8.1 Viewing Systems page




The first page of the portal after login is the Systems page.

- Login into the portal (see page 42)



Position	Description
A	Google map with markers showing the location of the systems. If this location is incorrect then it can be changed using the Settings Menu.
B	My Systems table – shows information and link to the systems. On mouse over each system (row), the google map zoom into its marker. <ul style="list-style-type: none"> <li>• System Name – a custom name for the system. It’s a link as well. On the link, navigates to the Dashboard page.</li> <li>• Status – The status of the system with the status icon (see page 45) and time of last data received. <i>Example: "12 seconds ago", "10 minutes ago", "4 hours ago", "124 days ago".</i></li> <li>• SoC – latest State of the change of the battery of the system in %</li> <li>• Production – latest Total Solar Energy of the system in kWh</li> <li>• Purchased - latest Total Grid Import Energy of the system in kWh</li> <li>• Consumption – latest Total Load Energy of the system in kWh</li> </ul>
C	[Add a System] button – Opens a form to add new System

### 8.1.1 Status icon representation

Status Icon	Description
	The last data received from the system is less than 20 minutes old and has no active events.
	The last data received from the system is less than 20 minutes old and has active events.
	The last data received from the system is more than 20 minutes old regardless of active events.

## 8.2 User Interface

Select a system from the Systems page to see information for that system.



Position	Description
A	<p>Left Menu navigation.</p> <ul style="list-style-type: none"> <li>• Systems – navigates to System page (see page 44)</li> <li>• Dashboard – navigates to Dashboard page (see page 46)</li> <li>• Events – navigates to Events page (see page 54)</li> <li>• Settings – navigates to the Settings page (see page 55)</li> <li>• My Profile – navigates to My Profile page (see page 56)</li> <li>• Logout – On click, logout from the portal and redirect to Login page</li> </ul>
B	Main Content. This content changes depending on the pages selected.

### 8.3 Viewing Dashboard Page

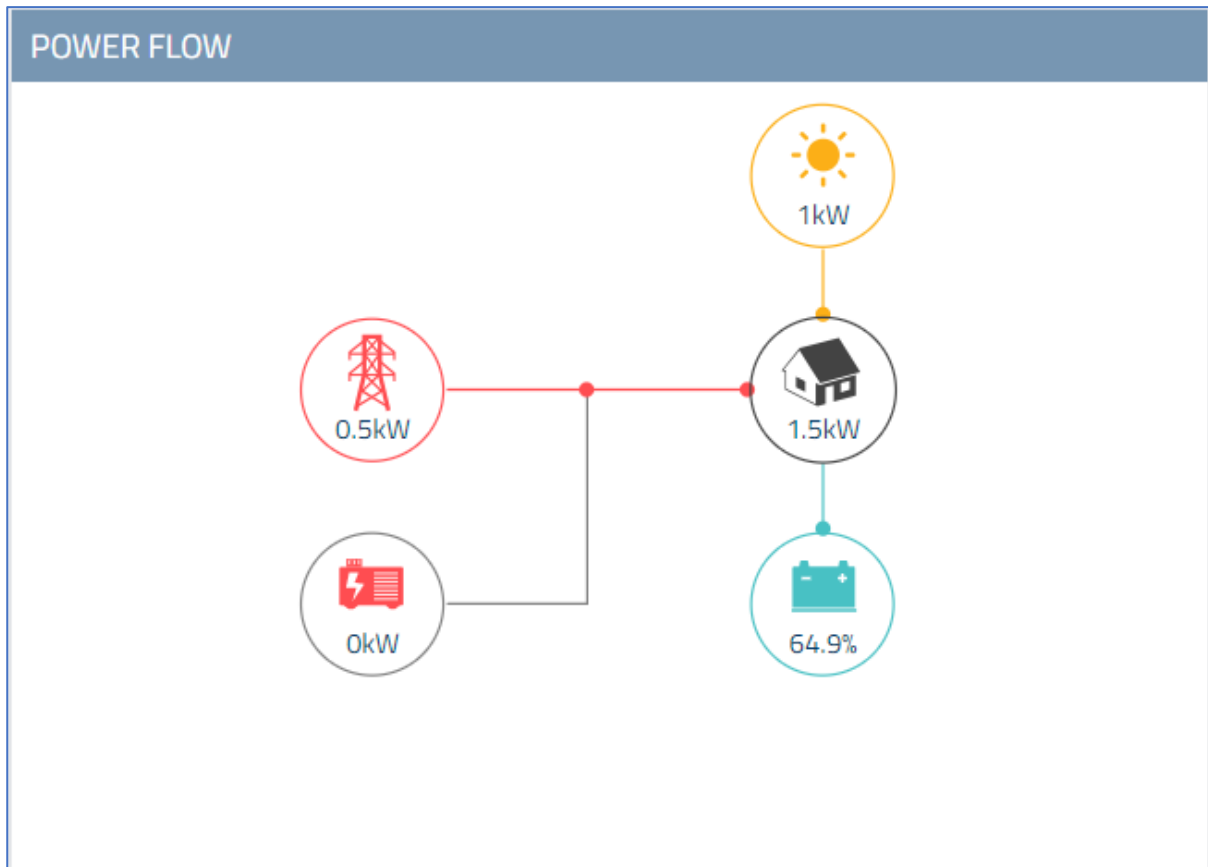
- Login into the portal (see page 42)
- Click on [System Name] from MY SYSTEMS table of the Systems Page



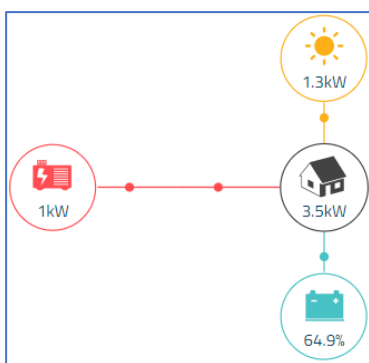
Position	Description
A	Power Flow – shows the latest power flow between solar, grid, battery, generator and load with their week, month and year energy (see page 47)
B	Load Powered By – shows the ratio in the pie chart of solar, battery and grid/generator energy that powered load for Today. (see page 50)
C	INFO – shows the SP PRO detail: model, serial, rating, solar and battery size (see page 50)
D	Connection Status – shows the time of last data received and connection status icon (see page 51)
E	ECO – shows the number of CO <sub>2</sub> avoided comparing different state (see page 51)
F	Energy Chart – shows the bar and line combo chart of historical solar, load and grid energy. (see page 52)

### 8.3.1 Power Flow

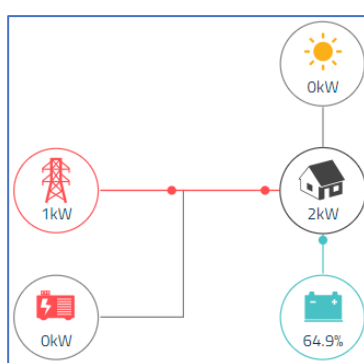
Power Flow shows the real-time power of the solar, battery, grid, generator and load. It also shows the energy totals for today, this week, this month and this year for the solar, battery, grid, generator and load.



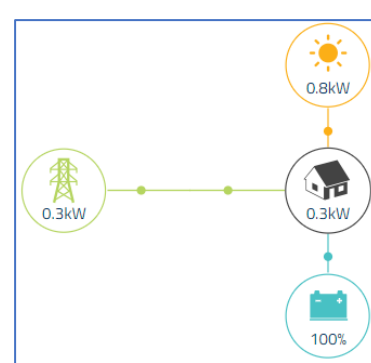
Depending upon the system type, the power flow icons will vary.



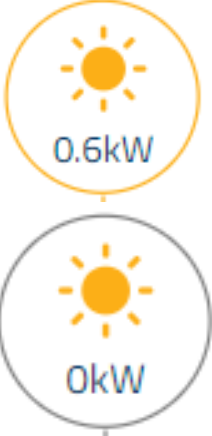
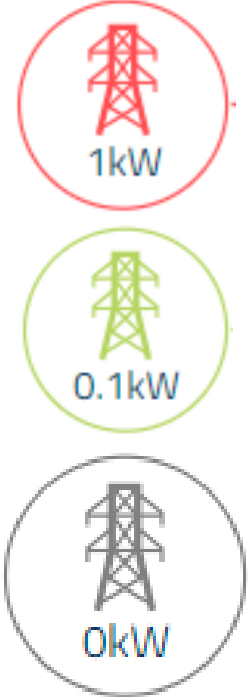
Off-grid System



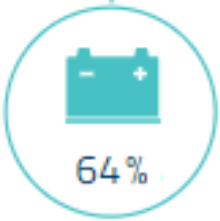


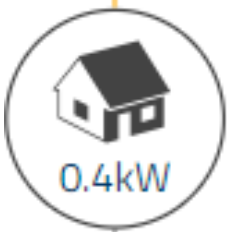
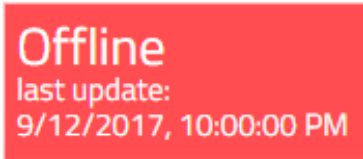
On-grid with generator backup System



On-grid System

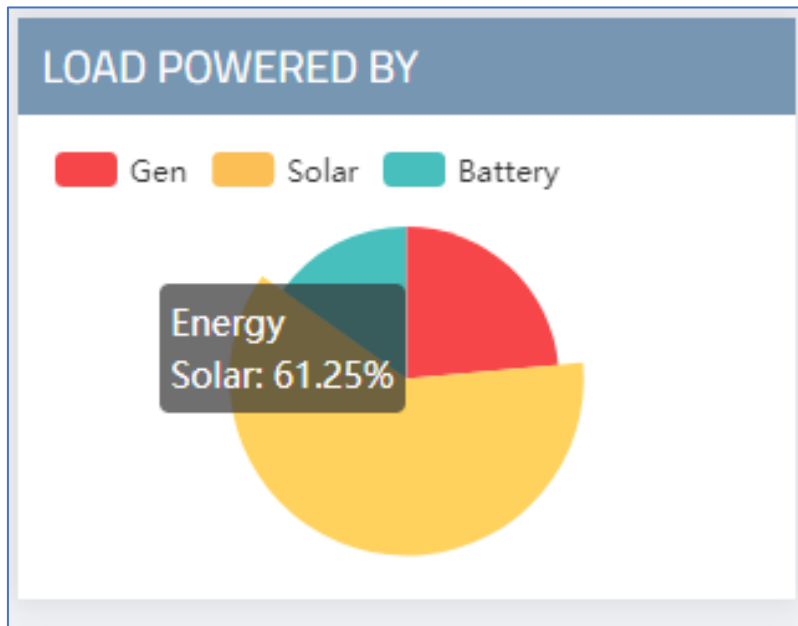
Icon	Description
	<p>Solar icon with a yellow ring, showing solar production in kW.</p> <p>Solar icon with a grey ring means there is no solar production.</p> <p>On hover, the following values are shown:</p> <ul style="list-style-type: none"> <li>• Today Solar energy</li> <li>• This week Solar energy</li> <li>• This month Solar energy</li> <li>• This year Solar energy</li> </ul>
	<p>Red Grid icon shows the amount of grid power in kW that is being taken from the grid.</p> <p>Green Grid icon shows the amount of grid power in kW that is being exported to the grid.</p> <p>Grey Grid icon means there is no power flowing in or out of the grid.</p> <p>On hover, the following values are shown:</p> <ul style="list-style-type: none"> <li>• Today Grid Import energy</li> <li>• Today Grid Export energy</li> <li>• This week Grid Import energy</li> <li>• This week Grid Export energy</li> <li>• This month Grid Import energy</li> <li>• This month Grid Export energy</li> <li>• This year Grid Import energy</li> <li>• This year Grid Export energy</li> </ul>



Icon	Description
	<p>Battery icon shows battery State of Charge (SoC) in %.</p> <p>The power flow shows:</p> <ul style="list-style-type: none"> <li>• From system to battery. Battery is charging</li> <li>• From the battery to the system. Battery is discharging</li> <li>• No flow</li> </ul> <p>On hover, the following values are shown</p> <ul style="list-style-type: none"> <li>• Today Battery In energy</li> <li>• Today Battery Out energy</li> <li>• This week Battery In energy</li> <li>• This week Battery Out energy</li> <li>• This month Battery In energy</li> <li>• This month Battery Out energy</li> <li>• This year Battery In energy</li> <li>• This year Battery Out energy</li> </ul>
 	<p>Generator icon shows generator power in kW.</p> <p>Generator icon with grey ring means there is no power being taken from the generator.</p> <p>On hover, the following values are shown for Off-grid systems only:</p> <ul style="list-style-type: none"> <li>• Today Generator energy</li> <li>• This week Generator energy</li> <li>• This month Generator energy</li> <li>• This year Generator energy</li> </ul>
	<p>Home icon shows load power in kW.</p> <p>On hover, the following values are shown</p> <ul style="list-style-type: none"> <li>• Today Load energy</li> <li>• This week Load energy</li> <li>• This month Load energy</li> <li>• This year Load energy</li> </ul>
	<p>The Offline message is shown if the last update received is more than 20 minutes old.</p>

### 8.3.2 Load Powered By

Shows a pie chart of the proportion of solar energy, battery energy and grid energy that powered loads today. Hover over each portion to display its percentage.



### 8.3.3 INFO

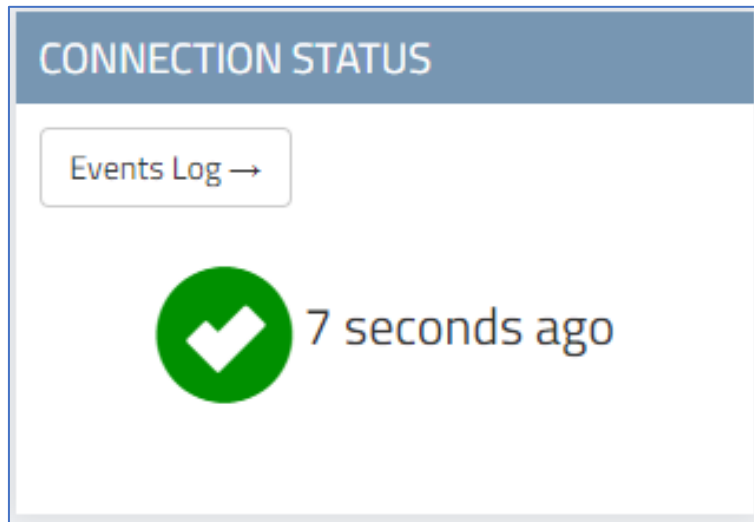
INFO shows the connected SP PRO detail.




INFO	
SP PRO Model:	SPMC240
SP PRO Serial:	161818
SP PRO Ratings:	3kW, 24V
Solar Size:	0 kW
Battery Size:	12.5 kWh

**NOTE:** For Advanced Multiphase systems (Three phase and split phase) the SP PRO serial and SP PRO Rating is for the primary (L1 phase) SP PRO only.

### 8.3.4 Connection Status

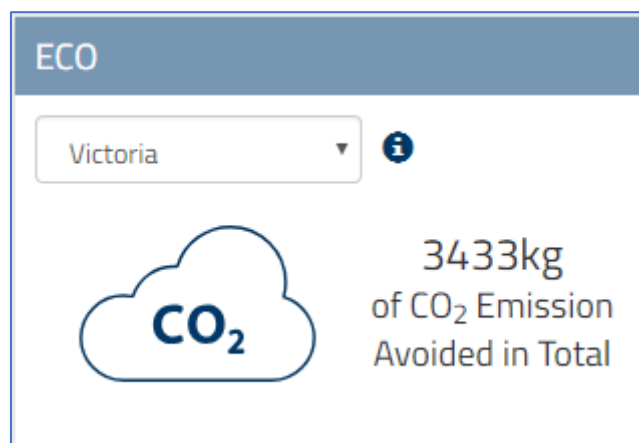
Connection Status shows the time that last data received and active event of SP PRO.



Status Icon	Description
	The last data received from the system is less than 20 minutes old and has no active events.
	The last data received from the system is less than 20 minutes old and has active events.
	The last data received from the system is more than 20 minutes old, regardless of active events.

### 8.3.5 ECO

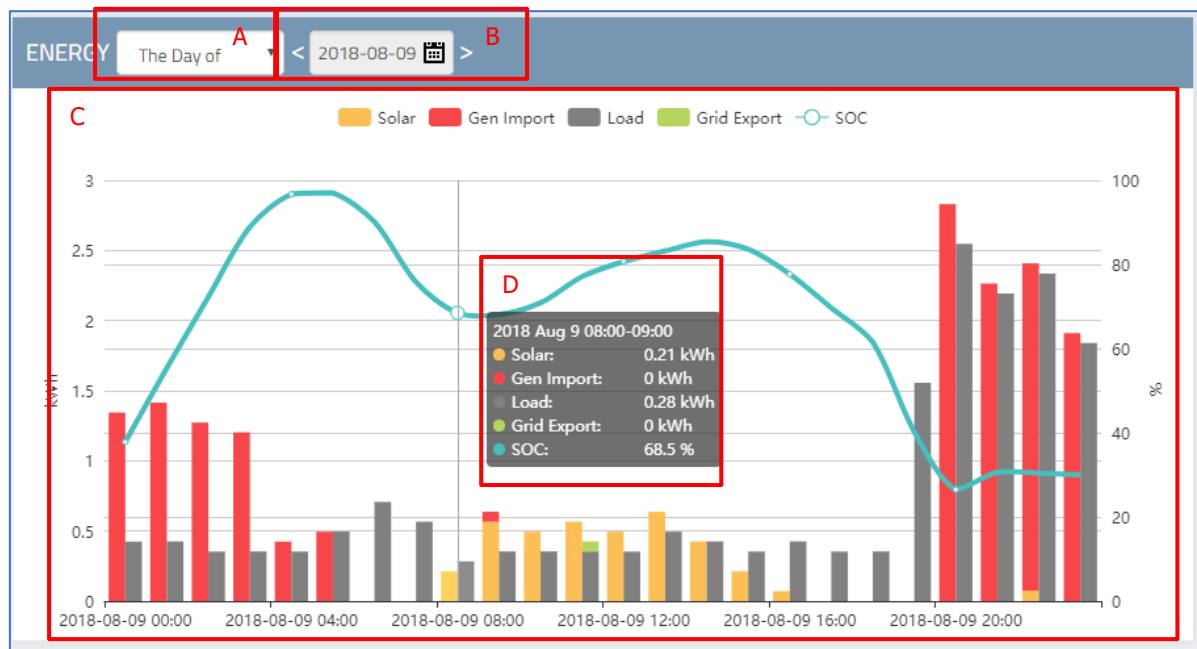
The amount of CO<sub>2</sub> emissions avoided by having your system.



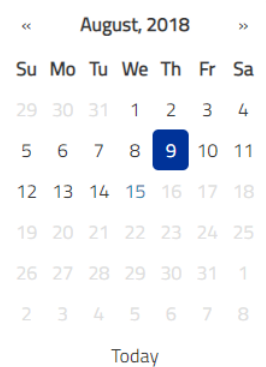
Parameter	Description
<State>	List of state (pick only). On change, update the kg of CO <sub>2</sub> emission avoided value.
[i]	On hover, shows the information on the calculation.
kg of CO <sub>2</sub> emission avoided	The total number of kg of CO <sub>2</sub> emission that the system has avoided by using renewable energy.

### 8.3.6 Energy Chart






Bar chart shows date and time versus use and production of energy. The line chart shows the battery SoC at that time.



**NOTE:** Clicking on the chart legend will turn on and off the display of that parameter within the graph.

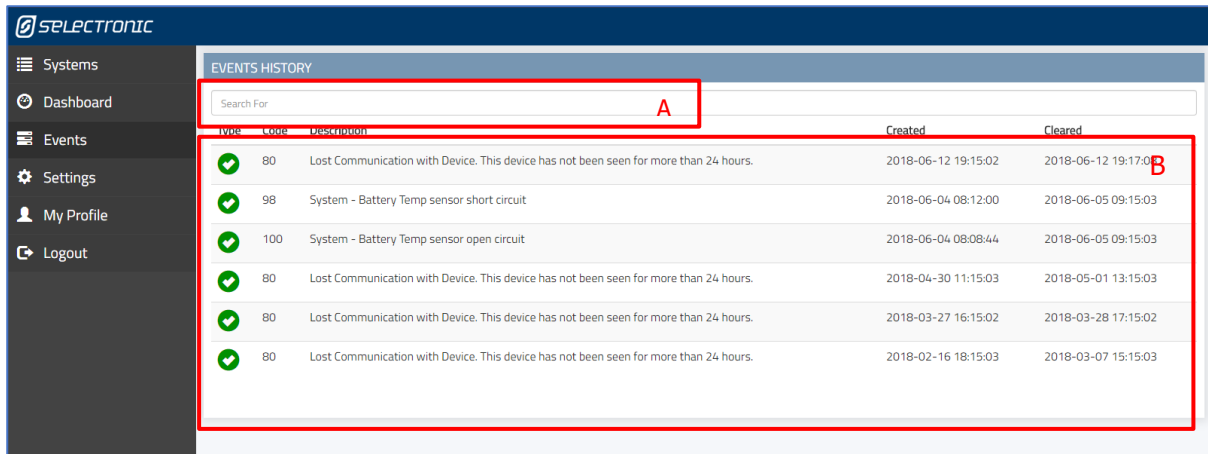
Position	Parameter	Description
A	<Date>	Chart range selector. Choose to show either the Day, week, month or year of the <Date> selected.
B	<Date>	<p>Date selector with calendar view as shown.</p> <p><i>Example</i></p> <p><i>If &lt;Date range&gt; is "The month of"</i></p> <p><i>&lt;Date&gt; is 2018-05-21, then</i></p> <p><i>Date and time range will be 2018-05-01 00:00 to 2018-05-31 23:59</i></p> 
B	Left and Right arrows	Changes the <Date> by the date range.
C	Combo Chart	Bar and line chart for solar, grid and load energy and soc of battery
D	Tooltip	Hover over chart to display the values at that point in time.

Following are the combo chart parameters

Parameter	Colour	Axis	Description
Solar energy		Left	Solar energy over interval in kWh.
Load energy		Left	Load energy over interval in kWh.
Grid/Generator Import Energy		Left	Grid energy (for On-grid), Generator energy (for the Off-grid) or both (for On-grid with generator backup) over interval in kWh.
Grid Export energy		Left	Grid export energy (for On-grid and on-grid with generator backup system only) over interval in kWh.
SoC		Right	Average state of charge in % (SoC) over interval.
Date and time			The interval is from 1 hour to 1 month depending upon the date range selected.

## 8.4 Viewing Events Page

- Login into the portal (see page 42)
- Click on [System Name] from MY SYSTEMS table of the Systems Page
- Click on 'Events' from Left Menu



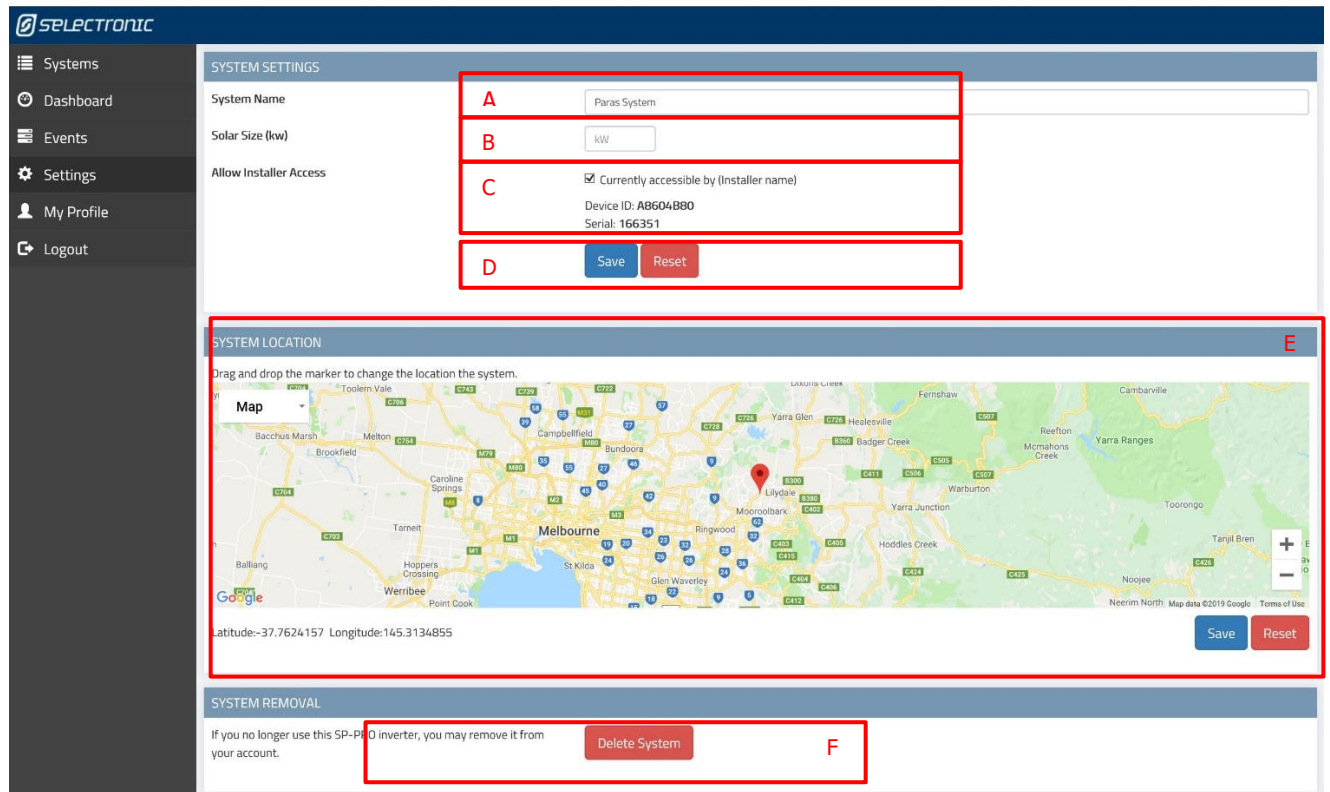
Position	Description
A	<Search For> – On keypress, only matching content (rows) are displayed from the event history table
B	<p>Events History table – shows information about all events that occurred after the installation of the device.</p> <ul style="list-style-type: none"> <li>• Type – The type of the event with event type icon (see next table)</li> <li>• Code – The code of the event</li> <li>• Description – The description of the event</li> <li>• Created – The date and time of the event occurred</li> <li>• Cleared – the date and time of the event got cleared. If not cleared, "N/A" is represented.</li> </ul>

Event Type Icon	Description
	This status icon means that the event is not active and has cleared.
	This status icon means that the event is active and event type is Informative only
	This status icon means that the event is active and event type is a system fault.

## 8.5 Changing System Settings

System Settings are only available to the owner. Installer cannot access System Settings.

- Login into the portal (see page 42)
- Click on [System Name] from MY SYSTEMS table.
- Click on 'Settings' from Left Menu



Position	Parameter	Description
A	<System Name>	Name of system. If empty, SP PRO serial will be system name.
B	<Solar Size>	Input for the solar size of the system in kW
C	[Save]	Saves <System Name> and <Solar Size>
C	[Reset]	Revert the <System Name> <Solar Size> before click of [Save]
D	<Allow Installer Access>	Check this box to grant access of your system to your installer. Provide your installer with the Device ID and Serial to enable them to add your system to their profile.
E	System Location	Google map with a marker showing the location of the system. Can be dragged to update location.
E	[Save]	Save the updated location of the system.
E	[Reset]	Reset to original location before [Save]
F	[Delete System]	Delete the system and its data with confirmation (see page 56)

### 8.5.1 Delete the system from Portal

- From the System Settings page, got to "System Removal" table
- Click on [Delete System], a confirmation to delete appears as shown.

**Confirm** ✕

---

Please click the Delete button to remove this inverter from your account.

Click the Cancel button to take no action.

---

- On click [Delete], the system is removed and data are deleted permanently. The portal redirects to Systems page
- Select.live can be linked to the different account.

### 8.6 Changing my Profile

- Login into the portal (see page 42)
- Click on 'My Profile' from Left Menu



## 8.6.1 Changing My Details

MY DETAILS	
Name	<input type="text"/> <b>A</b>
Email/Username	pkarki@selectronic.com.au <b>B</b>
Address	<input type="text"/> <input type="text"/> <input type="text"/> <b>C</b>
Phone Number	NSW <b>D</b> <input type="text"/> <b>E</b>
	Australia <b>F</b> <input type="text"/>
	<input type="text"/> <b>G</b>
<b>H</b> <input type="button" value="Save"/> <input type="button" value="Discard"/> <b>I</b>	

Details can be changed at any time. Click "Save" to update or "Discard" to cancel changes.

Section **B** is for your reference and cannot be changed.

## 8.6.2 Changing Password

CHANGE PASSWORD	
Old Password	<input type="password"/> <b>A</b>
New password	<input type="password"/> <b>B</b>
Re-type Password	<input type="password"/> <b>C</b>
<b>D</b> <input type="button" value="Save"/> <input type="button" value="Discard"/> <b>E</b>	

- Enter <Old Password>
- Enter <New Password>
- Enter <Re-type Password>
- Click [Save] to change the password. On success, changes password with message "Password updated!"


## 9 Maintenance and Service

Select.live has an IP rating of IP43 and is not waterproof. Regular maintenance is required.

- Regularly conduct visual inspections of Select.live for external damage, dirt, moisture and insects.
- Protect Select.live from wet conditions. Ingress of liquids may damage or destroy Select.live.
- Clean Select.live with a slightly dampened cloth to prevent the penetration of moisture.
- For dirt use a mild, non-abrasive, non-corrosive cleaning agent.

## 10 Troubleshooting

Problem	Cause	Solution
Wi-Fi SSID "selectronic" is not available	Select.live is not powered ON	Make sure your SP PRO is turned ON. Check Communication cable or Power adaptor. Check power LED
	Wi-Fi of Select.live is connected to a network	Check the power connection to Select.live and check if any text is displayed on the screen to indicate the device is ON.
	Entered Wi-Fi SSID and password in the Setup Wizard are wrong	Factory reset Select.live to reset the Wi-Fi connection and use the Setup Wizard again with Wi-Fi SSID and password. (See page 41)
Select.live could not auto-detect SP PRO	The Connection between SP PRO and Select.live is not correct.	Check the connection between SP PRO and Select.live as per the instructions. (See page 13)
	The <SP PRO login password> is different than default password "Selectronic SP PRO"	Enter the SP PRO login password during the Setup Wizard and click AutoDetect to check (See page 16).
Select.live Portal could not connect to Select.live	Select.live is not setup	Run Wizard setup from Select.live web interface
	Select.live is not connected to any network. Select.live shows "Cloud: No LAN" and "IP: Unknown"	Factory reset Select.live (See page 41), login to the device (See page 29) and connect to the Wi-Fi network with internet connection (See page 36). Check your Select.live display screen. If "Cloud: OK" is displayed on the device's screen then the internet is connected to the device
	Select.live is connected to a network but does not have an internet connection. Select.live shows "Cloud: ERROR" and "IP:" as X.X.X.X format	Login to the device (See page 29) and connect to the Wi-Fi network with internet connection (See page 36). Check your Select.live display screen. If "Cloud: OK" is displayed on the device's screen then the internet is connected to the device
The Portal say Select.live is already registered	The SP PRO system is already registered with a different account	To claim the SP PRO system, Contact Selectronic.

Problem	Cause	Solution											
<p>Select.live display shows following message after setup</p> <pre>*** No Connection! **</pre> <p>Please check your Wi-Fi password or Ethernet connection</p> <p>“</p>	<p>Select.live is not connected to any network nether via Wi-Fi nor Ethernet</p>	<p>Check the Wi-Fi network and Ethernet availability. Factory reset Select.live and Setup Wizard the device again. (See page 41 and 15)</p>											
	<p>If Wi-Fi used for network connection, the entered Wi-Fi SSID and password in the Setup Wizard might be wrong</p>	<p>Factory reset Select.live to reset the Wi-Fi connection and use the Setup Wizard again with Wi-Fi SSID and password. (See page 41 and 15)</p>											
<p>Select.live Portal shows the connection status as offline with the red cross symbol</p> 	<p>Select.live doesn't have internet connection. The device display will show "Cloud: NO LAN" or "Cloud: ERROR" for not internet connection</p>	<p>Check the Wi-Fi network and Ethernet has internet availability. To setup gain, factory reset Select.live and Setup Wizard the device again. (See page 41 and 15)</p>											
	<p>Select.live might had lost the communication with SP PRO. The device display will show "Device: 0 of 1 OK" for no SP PRO communication</p>	<p>Check your communication cable with the SP PRO.</p>											
	<p>Select.live doesn't have internet connection and you are behind a corporate firewall.</p>	<p>Ask your administrator to allow the following settings:</p> <table border="1" data-bbox="922 1173 1407 1310"> <thead> <tr> <th>Service</th> <th>Protocol</th> <th>Port</th> </tr> </thead> <tbody> <tr> <td>HTTPS</td> <td>TCP</td> <td>443</td> </tr> <tr> <td>Secure Tunnel (VPN)</td> <td>UDP</td> <td>11789</td> </tr> <tr> <td>Network Time</td> <td>UDP</td> <td>123</td> </tr> </tbody> </table>	Service	Protocol	Port	HTTPS	TCP	443	Secure Tunnel (VPN)	UDP	11789	Network Time	UDP
Service	Protocol	Port											
HTTPS	TCP	443											
Secure Tunnel (VPN)	UDP	11789											
Network Time	UDP	123											

# 11 Specifications

## 11.1 Select.live

Physical			
Dimensions	163mm x 163mm		
Weight	315g		
LCD display	128px x 64px with backlight		
Housing material	UV stabilized PC+ABS		
IP rating	IP43		
Operating temperature	-10°C to 70°C		
Operating humidity	5 to 95% humidity		
Technical			
Wireless	802.11b/g/n Wi-Fi 2.4GHz, Channel 1- 11		
Wireless range	100m max line of sight.		
Wired connectivity	Serial RS232, 10/100 Ethernet		
Wired connection length	Up to 5m for Serial RS232		
Outbound ports. (If you are behind a corporate firewall check with your administrator that these outbound ports are open).	<b>Service</b>	<b>Protocol</b>	<b>Port</b>
	HTTPS	TCP	443
	Secure Tunnel (VPN)	UDP	11789
	Network Time	UDP	123
Power Supply			
Power Method	DC adaptor or supplied Communication Cable (Power over serial)		
Rating	6V to 24V, 1A Max, 0.2A (Avg), 2W		

## 12 Contact

If you have any technical issues regarding Select.live, contact Selectronic Support at [www.selectronic.com.au/support/](http://www.selectronic.com.au/support/)

Please include the following information in order to receive faster assistance:

- The Serial number, firmware version of Select.live
- The Serial number of the SP PRO.
- The Method of the network connection (Wi-Fi or Ethernet)
- The type, brand and model of the Wi-Fi or Ethernet router

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