# Welcome to the SolaX Cloud

a comprehensive guide to using the SolaX monitoring platform

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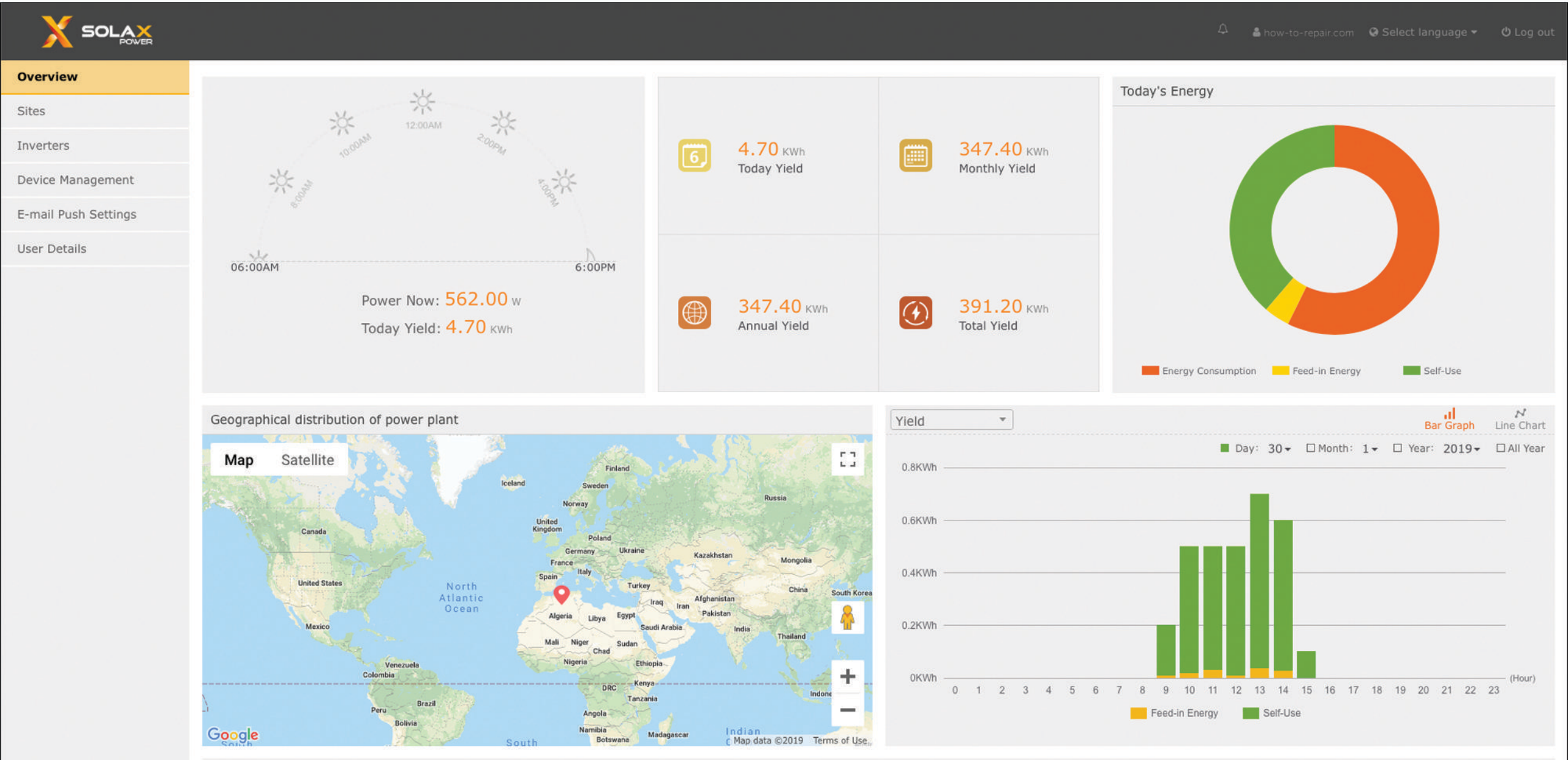
SOLAX POWER

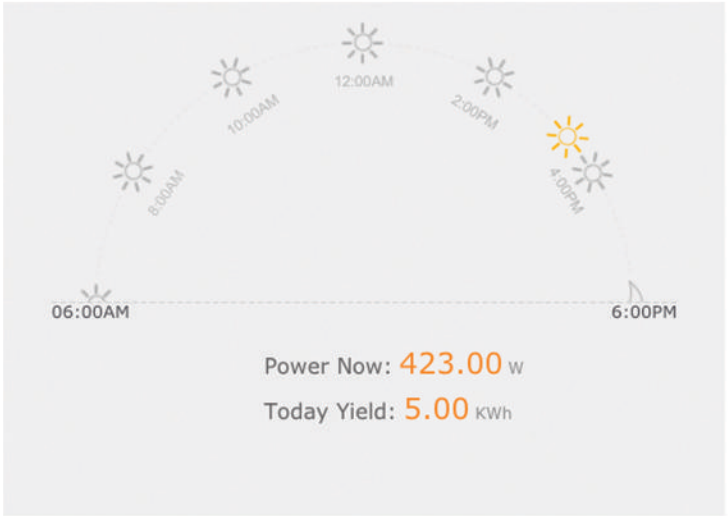
# The first screen you see when you log-in

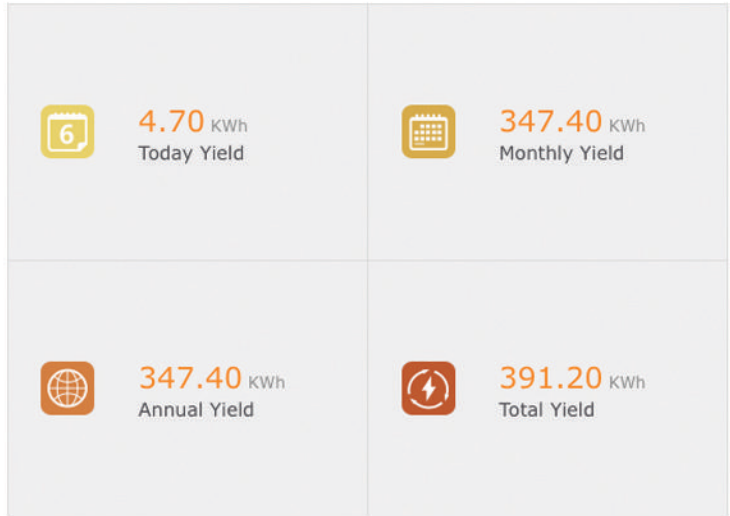
Each area will be broken down throughout the guide

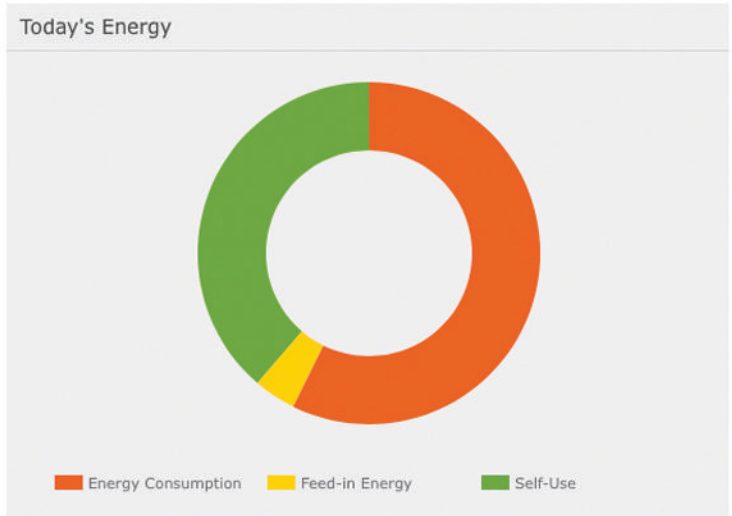


# Breaking down the first graphs

Understanding the homescreen




## Graph Number One

This graph is displaying the local time from 6AM-6PM, marked by a small yellow sun as you can see in the above screenshot.

**Power Now:** This is what your solar panels are generating at the current time (W).

**Today Yield:** This is the total energy generated for the current day (kWh)

## Graph Number Two

This graph displays the generation for the day/month/year and total.

**Monthly Yield:** This is what your solar panels have generated in the current month.

**Annual Yield:** This is the total energy generated for the current year.

**Total Yield:** This is the total energy generated sice the SolaX Cloud was set-up.

## Graph Number Three

This is the energy that has been pulled from the grid to satisfy demand.

This is energy exported to the grid

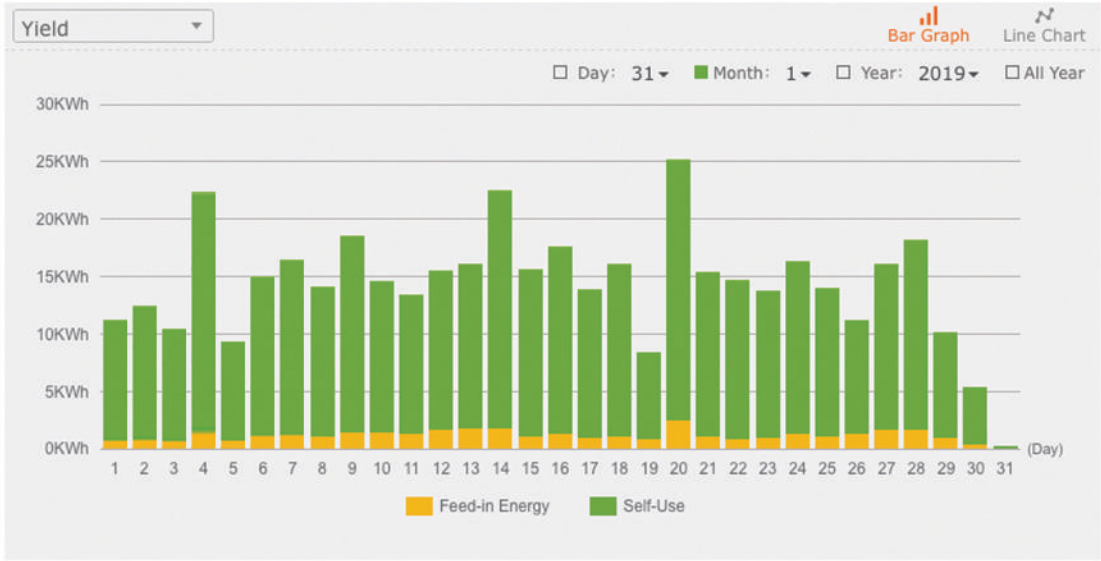
This is the energy used that your solar panels have produced.

# Breaking down the second graphs

Understanding the homescreen


## The map

This is quite self explanatory, when creating a site you must mark the location on the map. This map displays the marked location.

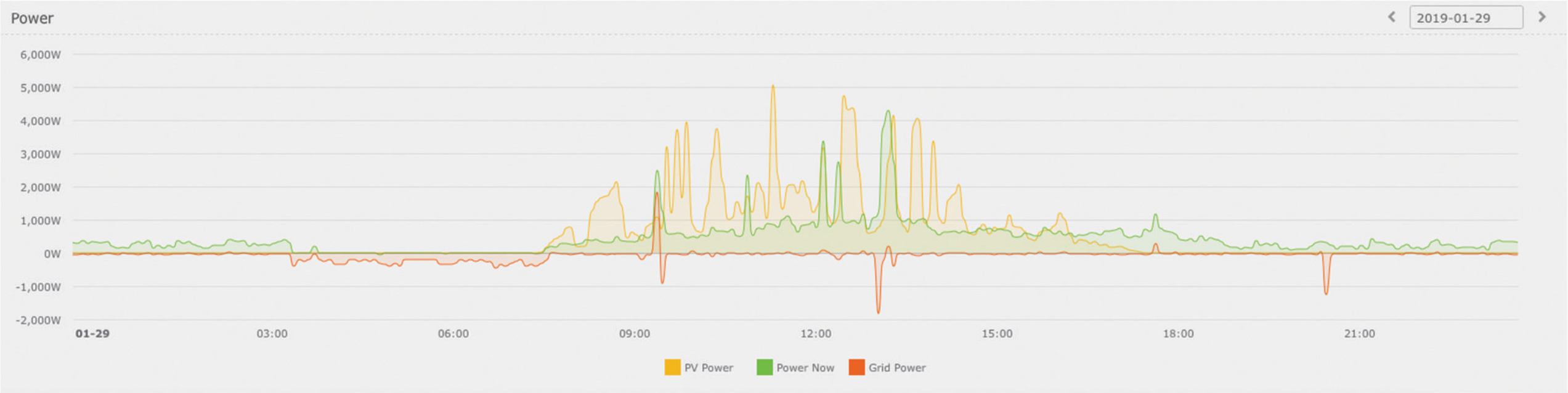



## The bar graph

This bar graph is displaying what we saw on the previous page, feed-in energy against self-use energy generated from the panels for the month, day or year. You can see that on day **20**, the user generated **25kWh**, used **22.5kWh** and exported **2.5kWh** to the grid.

# The line graph

Understanding the homescreen




## PV Power

This is the power that your solar panels are currently generating. You can see from the graph above that this data is live throughout the day, with power going up and down from cloud cover etc.

## Power Now

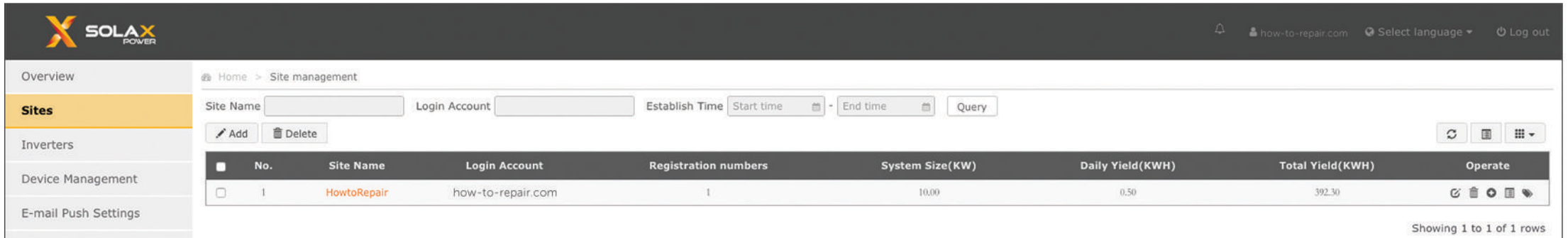
This is the output power, a combination of solar power and battery power (if you have a battery storage system). When the PV Power exceeds the Power Now, this is when your batteries will be charging, when Power Now exceeds PV Power, they will be discharging.

## Grid Power

This represents the energy being taken and given to the grid. When this is below the line energy is being imported from the grid, when it is above the line energy is being exported to the grid.

# Sites

Understanding the sites area

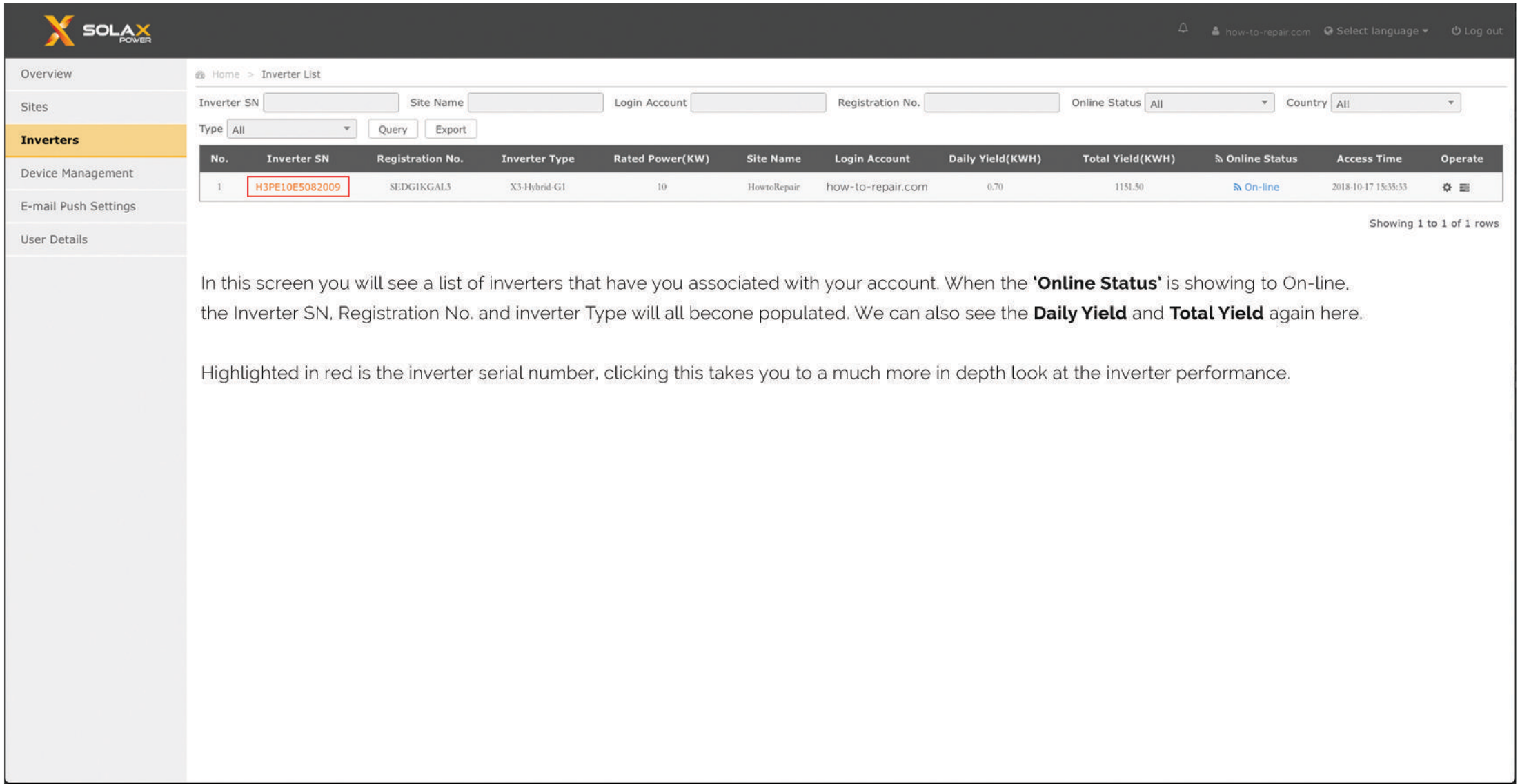



The sites page displays a list of created sites under the account. If there is more than one inverter associated with the account, they can be added using the **'Add'** button above. This will bring you to the site creation form that you used before.

From this page you can also see information about your system such as the **System Size, Daily Yield** and also the **Total Yield** of that system.

# Inverters

Understanding the inverters area

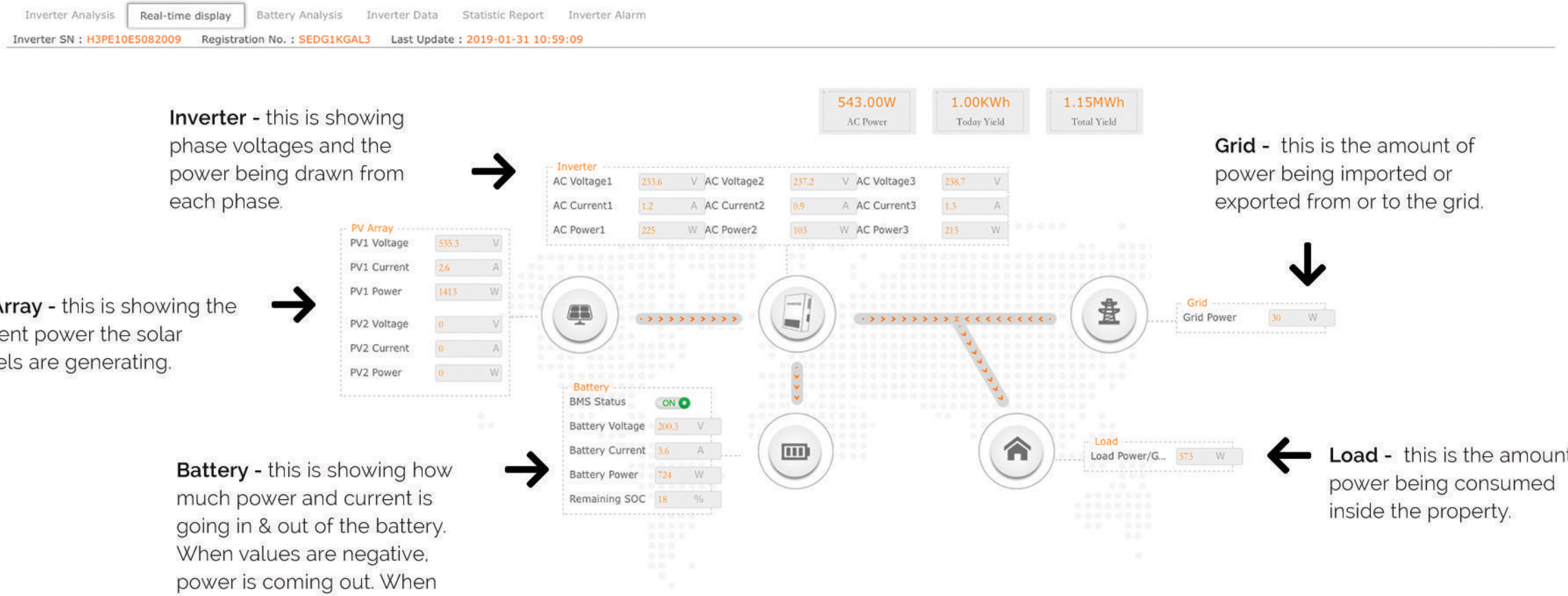



In this screen you will see a list of inverters that have you associated with your account. When the **'Online Status'** is showing to On-line, the Inverter SN, Registration No. and inverter Type will all become populated. We can also see the **Daily Yield** and **Total Yield** again here.

Highlighted in red is the inverter serial number, clicking this takes you to a much more in depth look at the inverter performance.

# Real-time display

Understanding the inverters area




**Inverter -** this is showing phase voltages and the power being drawn from each phase.

**PV Array -** this is showing the current power the solar panels are generating.

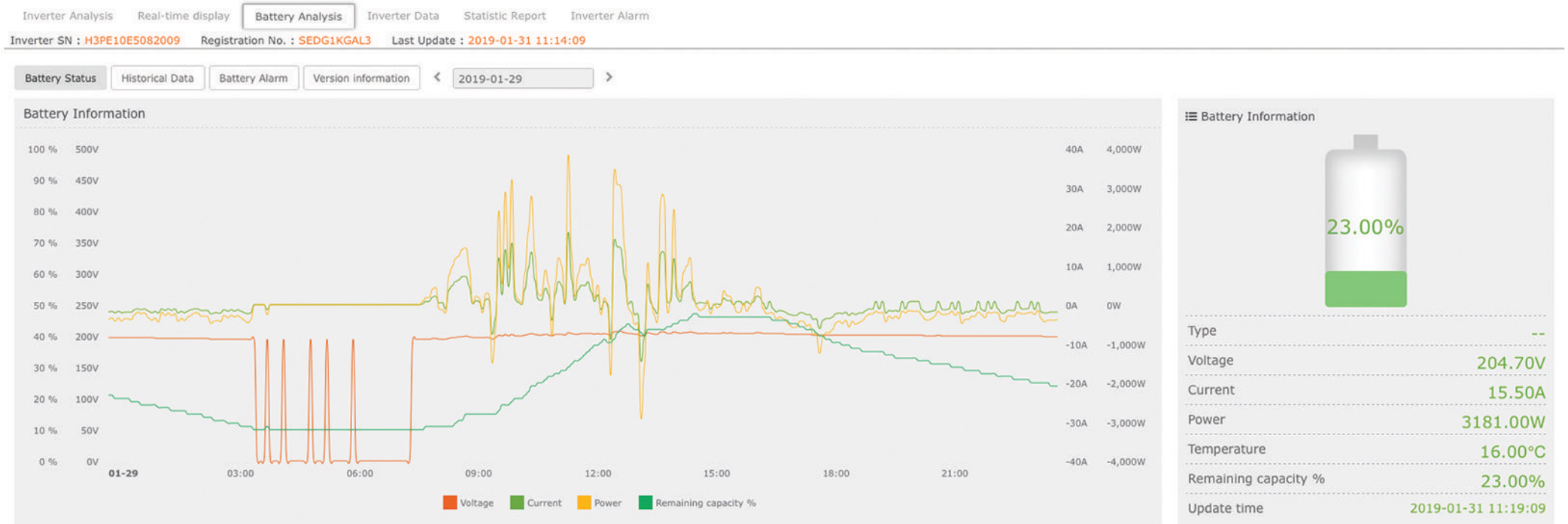
**Battery -** this is showing how much power and current is going in & out of the battery. When values are negative, power is coming out. When the value is positive, power is going into the battery.

**Grid -** this is the amount of power being imported or exported from or to the grid.

**Load -** this is the amount of power being consumed inside the property.

# Battery Analysis

Understanding the inverters area




## Voltage

The voltage is displaying the battery voltage throughout the day. When the voltage is up the battery is charging, when it is down it is discharging.

## Current

The current is displaying the battery current throughout the day. When the current is up the battery is charging, when it is down it is discharging.

## Power

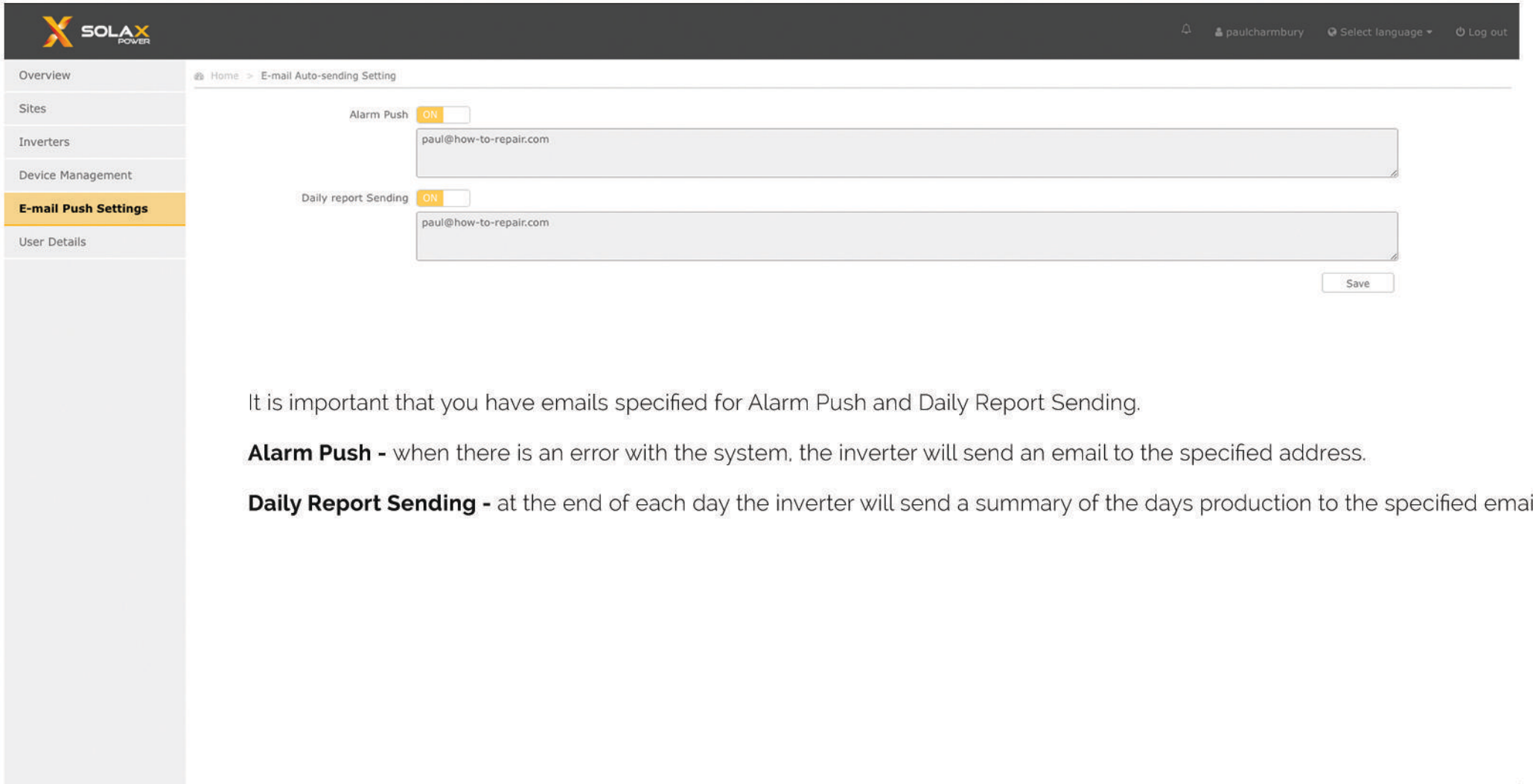
The power is displaying the battery power throughout the day. When the power is up the battery is charging, when it is down it is discharging.

## Remaining capacity

This is displaying the amount of charge left in the battery at the given time.

# E-mail Push Settings

Important push emails




It is important that you have emails specified for Alarm Push and Daily Report Sending.

**Alarm Push -** when there is an error with the system, the inverter will send an email to the specified address.

**Daily Report Sending -** at the end of each day the inverter will send a summary of the days production to the specified email address.