

Solis Standard Operating Procedure

Solis Cloud Inverter Control

Mobile and Desktop Applications

Overview

This document explains how to control the inverter remotely from either a mobile device or desktop via the Solis cloud platform.

1. Mobile App

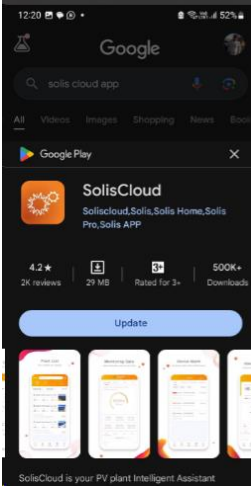
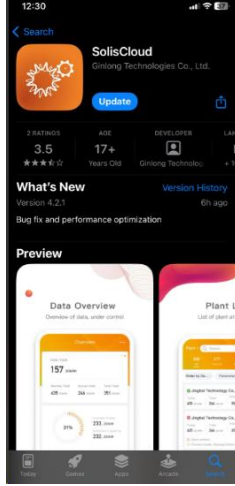
Step 1.1 - Logging into the Solis Cloud Mobile App

Step 1.2 – Inverter Control via the Mobile App

2. Desktop App

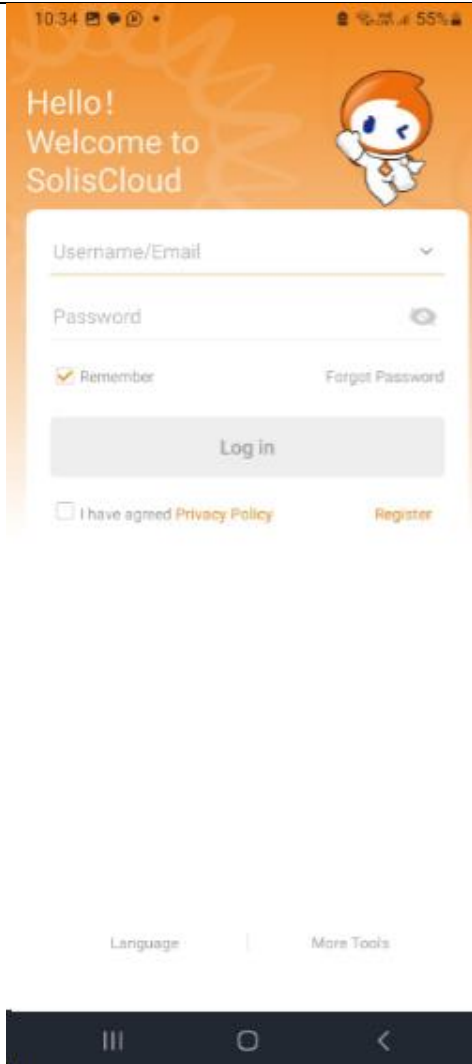
Step 2.1 – Logging into the Solis Cloud Desktop App

Step 2.2 - Inverter Control via the Desktop App

Solis Cloud Mobile APP- Android	Solis Cloud Mobile App-IOS
	
<p>Solis Cloud Desktop App https://www.soliscloud.com</p>	

1. Mobile App

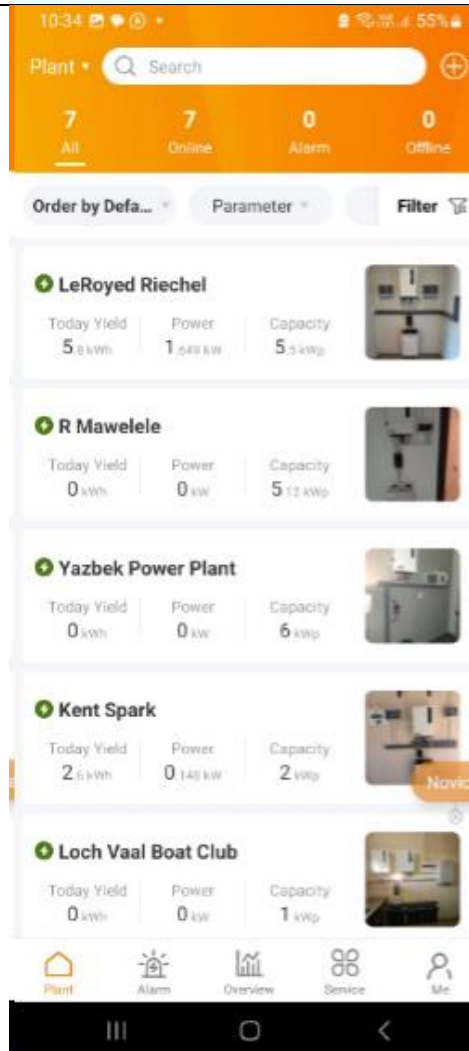
Step 1.1 Logging into the Solis Cloud Mobile App
Enter your login details that was used to create the Solis cloud



Step 1.2 Select the Plant/client of the inverter that needs to be controlled from your overview.



Step 1.3 Select the plant/Client inverter that needs to be controlled

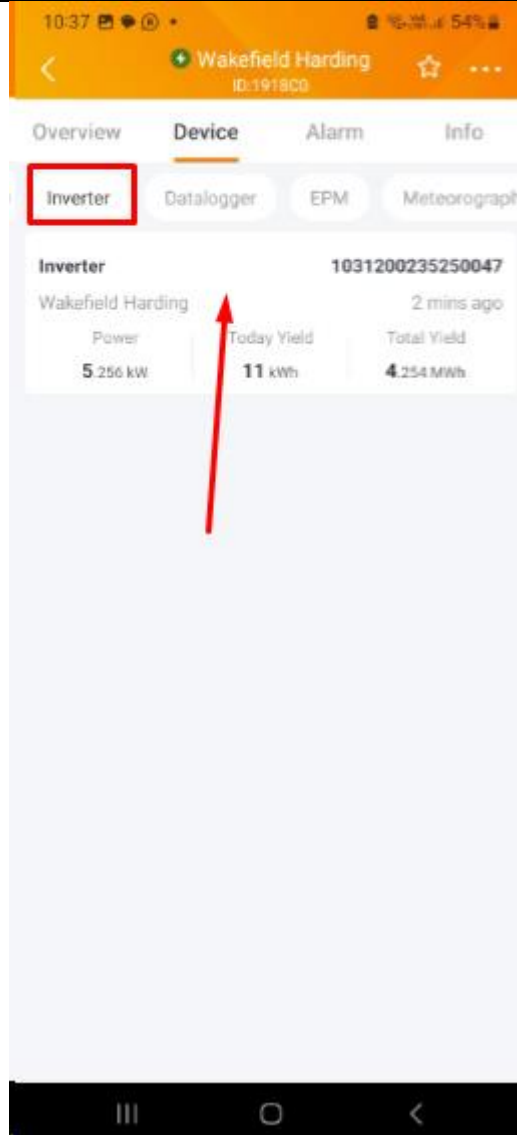


Step 1.4 Once the Plant has been selected a new page will open and on the Top panel you can select the Device tab



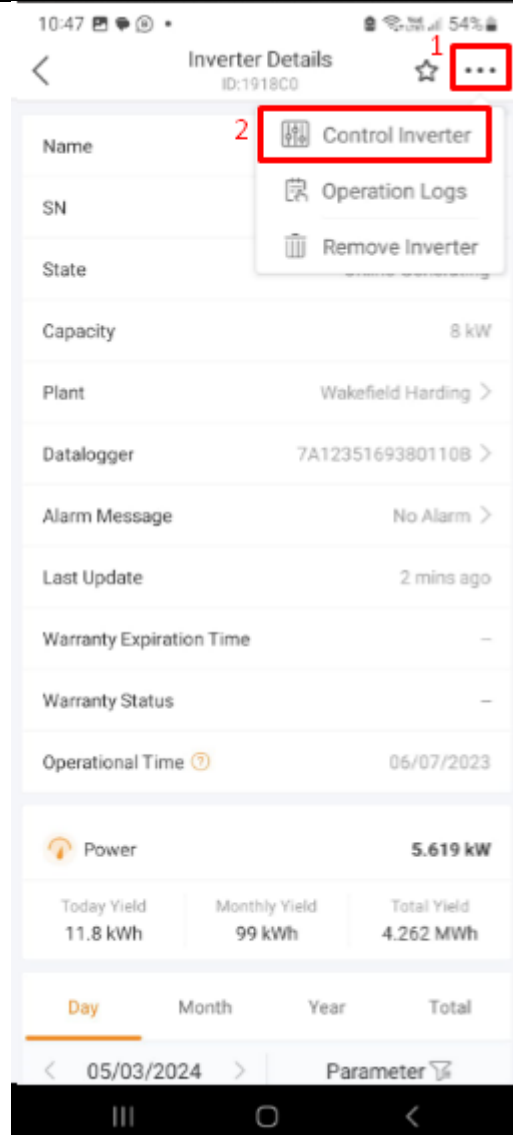
Step 1.5 In the Device screen of the mobile app you can now see the devices connected.

Example you can control the inverter, so you can click on the serial number to go into the inverter for remote control.

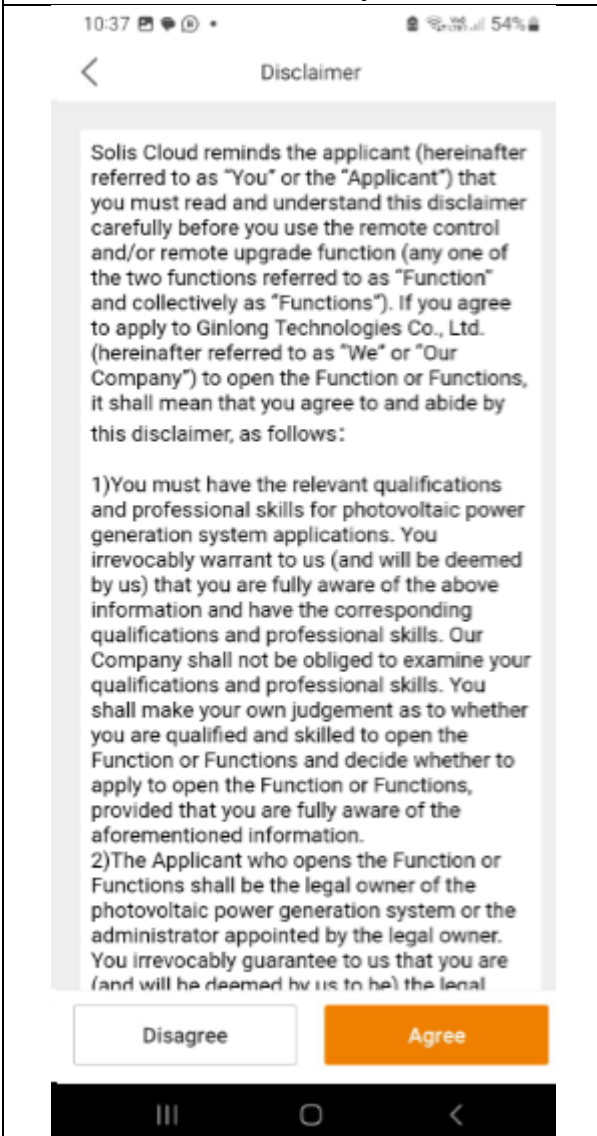


Step 1.6

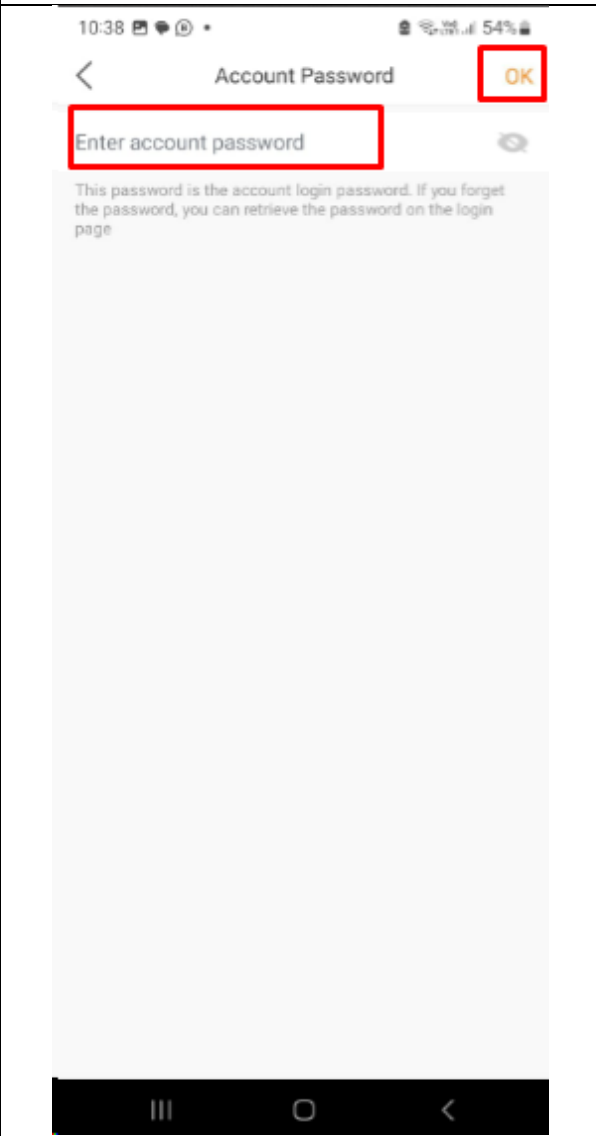
Click on the 3 dots on the top right corner (1) then click on Control inverter (2)



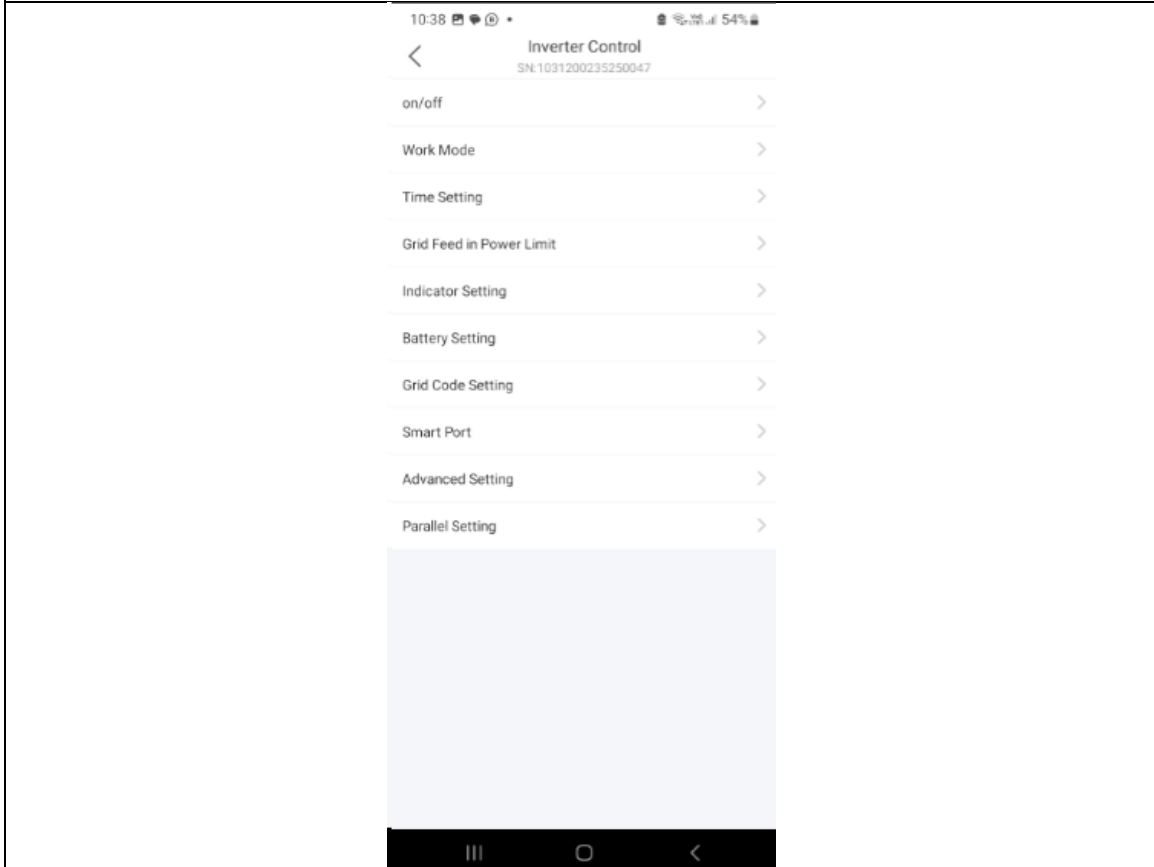
Step 1.7 As a security measure you will be asked to Agree to the Conditions to be able to control the inverter remotely.



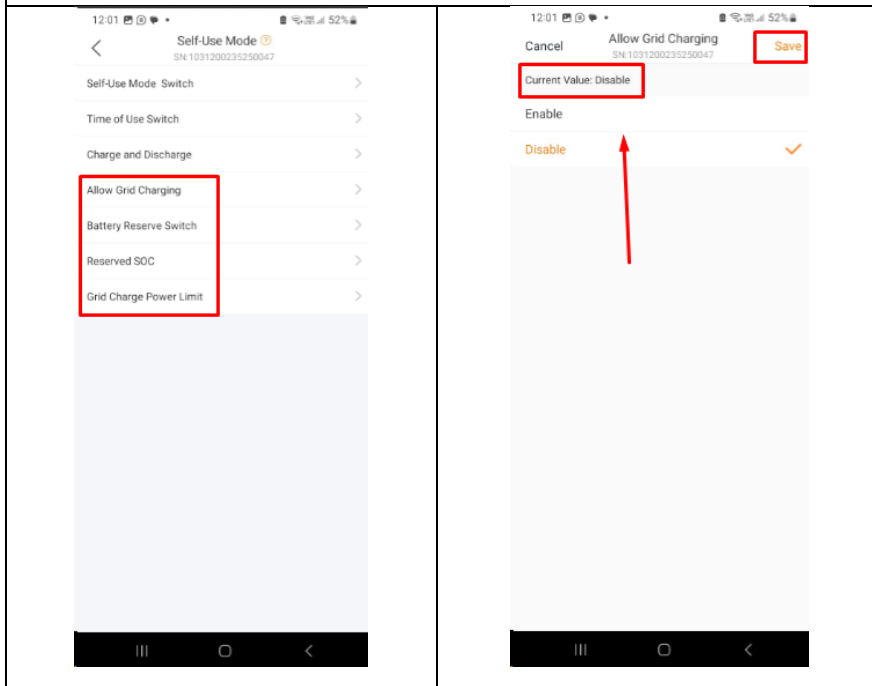
Step 1.8 Enter the password used to log into the Solis cloud app



Step 1.9 Here you are now able to control the inverter, for example to under the Work mode/Self Use Mode you can Allow Grid Charging & Changing the battery Reserve SOC levels.



Step 1.10 Here you can now select the parameter that you wish to adjust or change, once selected you can then click save.



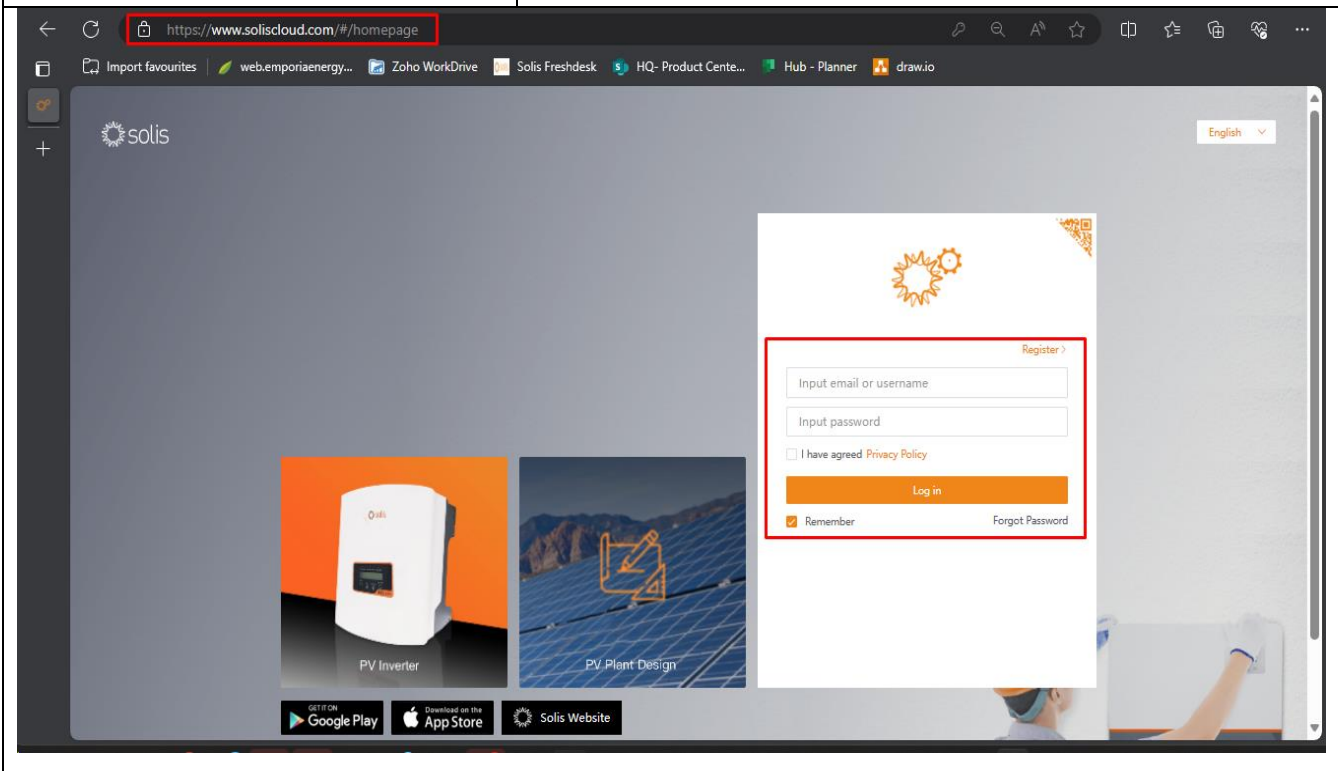
2. Desktop App

Step 2.1 Logging into the Solis Cloud Desktop App

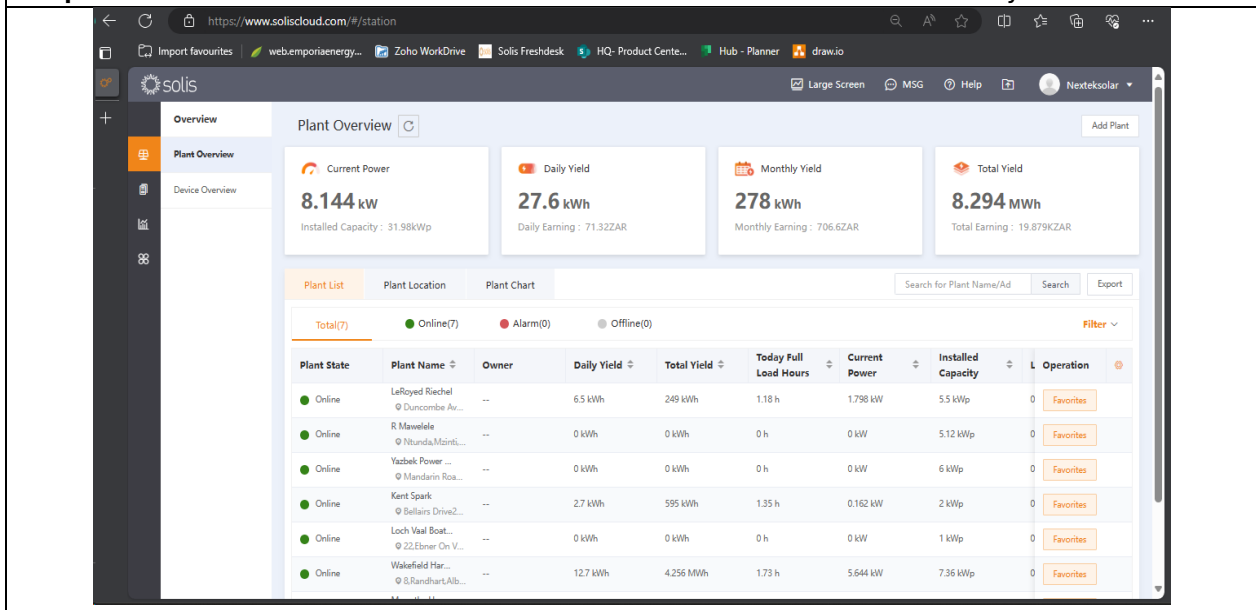
Enter your login details that was used to create the Solis cloud

Solis Cloud URL:

<https://www.soliscloud.com>



Step 2.2 Select the Plant/client of the inverter that needs to be controlled from your overview



Step 2.3 Once the Plant has been selected a new page will open and on the Left panel you can select the Device tab

The screenshot shows the Solis cloud interface for a station named 'Wakefield Harding'. The left sidebar has the 'Device' tab highlighted with a red box and an arrow. The main dashboard displays a central system diagram with the following components and data:

- PV:** Today PV Yield: 13.2kWh ≈ 33 ZAR, 5.682kW
- Grid:** Today Exported: 0kWh ≈ 0 ZAR
- Battery:** Today Discharged: 0kWh, 3.994kW
- Grid Load:** Today Consumed: 7.66kWh
- Back-Up load:** Today Consumed: 9.2kWh, 1.85kW

At the bottom, a summary table provides the following data for 05/03/2024:

Category	Value
Daily PV to Consumption	13.2 kWh (100%)
Daily Yield	13.2 kWh
Daily Charged	3 kWh
Daily Grid Load	7.66 kWh
Daily Imported	-
Daily Discharged	-
Daily Backup Load	-

Step 2.4 In the Device screen of the cloud you can now see the devices connect. Example you want to control the inverter so then click on the inverter serial number to go into the inverter for remote control.

The screenshot shows the 'Device' screen for 'Wakefield Harding'. The 'Inverter' tab is selected in the top navigation bar. Below the navigation are search and filter options. The main content is a table of inverters:

Status	Inverter SN	Rated Power	Current Power	Today Yield	Total Yield	Plant	Warranty Expiration Time	Last Operation
Online	1031200235250047	8 kW	4.457 kW	13.6 kWh	4.257 MWh	Wakefield Harding	--	05/0 11:0 (UTC) Operation

The first row of the table is highlighted with a red box, and the 'Inverter' tab in the top navigation is also highlighted with a red box.

Step 2.5 This page gives you an overview of the inverter.

You can now select the Inverter Control in the top right corner to go into the inverter's settings

The screenshot displays the Solis cloud app interface for an inverter. The main area features a power flow diagram with four nodes: PV (4.457kW), Grid Side (6.5kW), Backup Side (2.17kW), and Inverter (4.457kW). To the right, there are sections for 'Real-time Information' (Status: Online-Generating, Current Power: 4.457kW, etc.) and 'Basic Information' (Name: Inverter, Rated Power: 8kW, etc.). A red box highlights the 'Inverter Control' button in the top right corner.

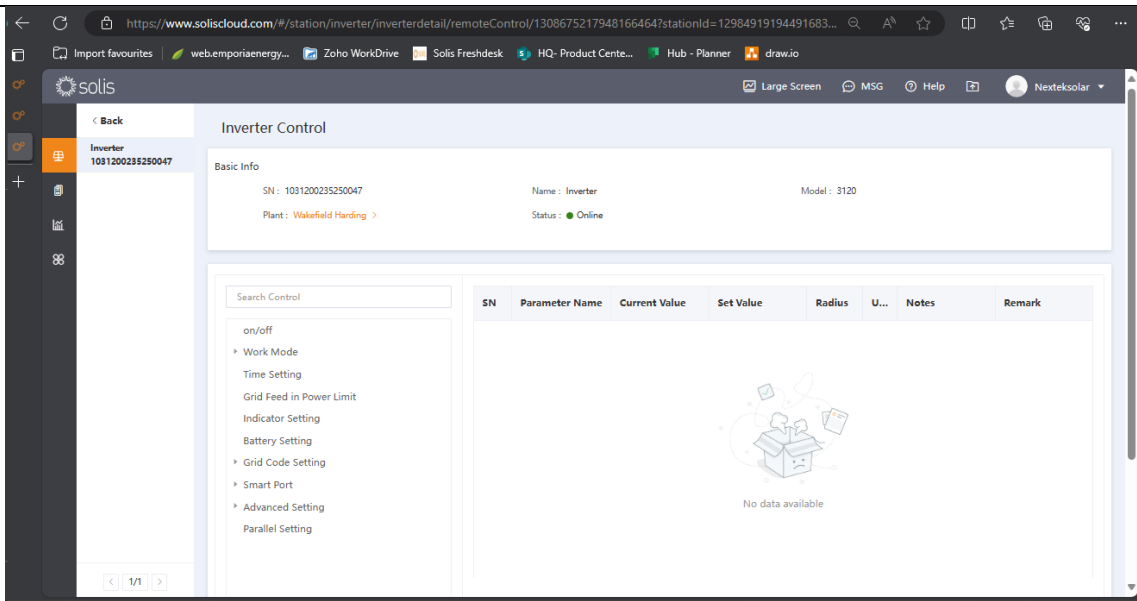
Step 2.6 As a security measure you will be asked to Agree to the Conditions to be able to control the inverter remotely.

The screenshot shows a modal dialog box titled 'Account Password' with a warning message: 'To confirm it is the account owner's operation, please enter your account password to continue'. Below the message is an input field labeled 'Enter account password' and buttons for 'Find PW', 'Cancel', and 'Confirm'.

Enter the password used to log into the Solis cloud app

The screenshot shows the 'Account Password' modal dialog box overlaid on the inverter overview page. The dialog box contains the same warning message and input field as seen in the previous screenshot.

Step 2.7 Here you are now able to control the inverter, for example to under the Work mode/Self Use Mode you can Allow Grid Charging & Changing the battery Reserve SOC levels.



Step 2.8 Once in the Work mode or setting you wish to change or adjust you need to *Read* the setting first to see what is the original setting set to and then you can *Select(3)* what you want to adjust or change and once this is selected you can *Save (2)* the setting to take effect. You can click on confirm when the pop up appears.

