



No Power
No Problem

SUN  SYNK®

5 User
Interface

REVOLUTIONISING THE WAY WE USE, STORE, GENERATE & CONTROL ENERGY



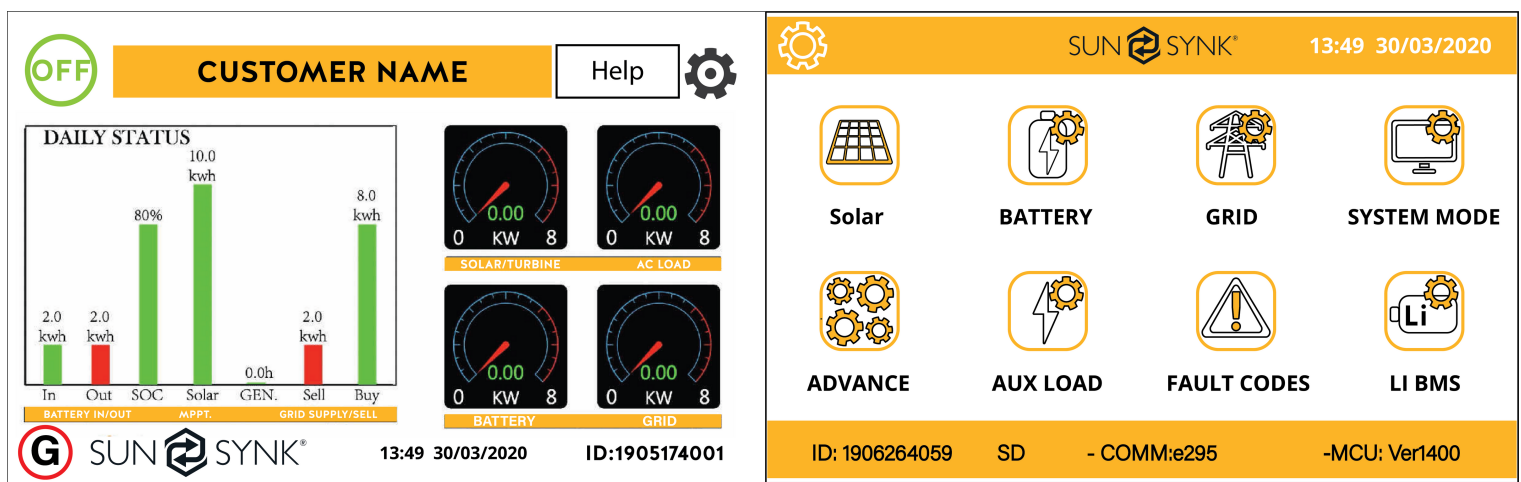
www.sunsynk.com

How do you find the user interface?

"It is very simple to use and easy to understand. The touch screen and push button combination make it very convenient to operate."

User Interface

The user-interface on each of our Sunsynk inverters is second to none. The colour touch-screen installed onto all of our inverters really makes the experience of programming a Sunsynk inverter more enjoyable. It has been carefully designed with 'user experience' (UX) in mind with a visually appealing interface that is simple to follow. Both the installation and set-up are laid out in logical steps with a flow that is easy-to-understand. Our software installed to control the inverters is efficient and matches user's common understanding of programming. The QR code at the bottom of this page links the reader to a great instructional video about the Sunsynk Operating System / Interface.

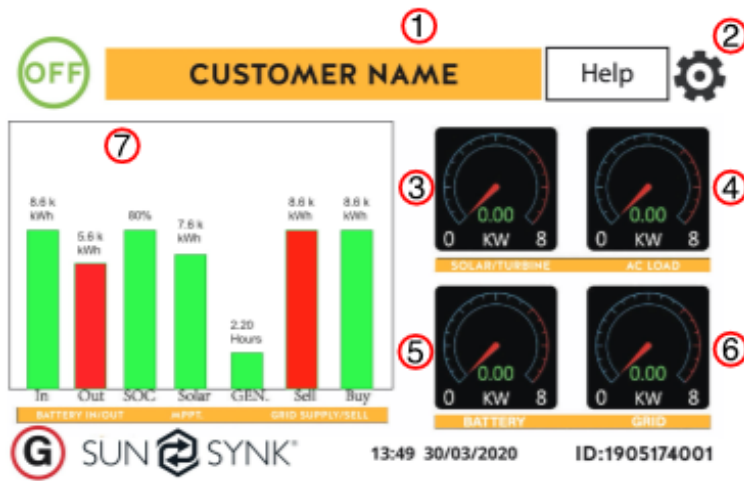


Sunsynk's user interface is intuitive and easy to use, making installation that much easier.



User Interface

Home Page



1. Customer name
2. Settings menu
3. Solar history
4. System status
5. System status
6. Grid history
7. System flow

What this page displays:

- Total daily power into the battery (kWh).
- Total daily power out of the battery (kWh).
- SOC (State of charge of the battery) (%).
- Total daily solar power produced in (kWh).
- Total hourly usage of the generator (Time).
- Total daily power sold to the grid (kWh).
- Total daily power bought from the grid (kWh).
- Real-time solar power in (kW).
- Real-time battery charge power in (kW).
- Real-time grid power in (kW).
- Serial number.
- Time date.
- Fault condition.
- Access stats pages.
- Access status page.
- Access fault diagnostic page.

Status Page

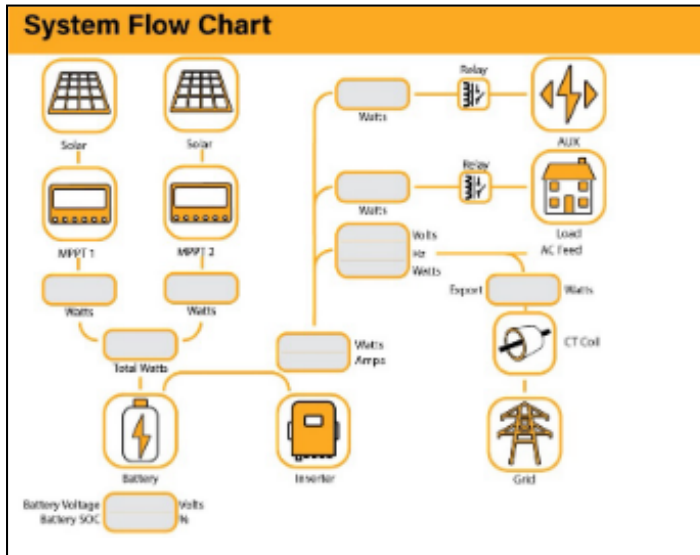
0 Watts 0.00 V 0.00 Amps 0.0 C Battery	0 watts 0 Hz 0 Volts 0.0 Amps CT:0Watts LD: 0Watts Grid Power	0 Watts 0.00 Volts 0.0 Amps Solar Power 1
0 watts 0 Hz 0 Volts 0.0 Amps DC:100.0 C AC:100.0 C Inverter Power	0 Watts 0.00 Volts 0.0 Amps Load Power	0 Watts 0.00 Volts 0.0 Amps Solar Power 2

What this page displays:

- Total solar power produced.
- MPPT power/voltage/current.
- Grid power/voltage/current/frequency.
- Inverter power/voltage/current/frequency.
- Load power/voltage
- Battery SOC/voltage/current/temperature

User Interface

System Flow Page

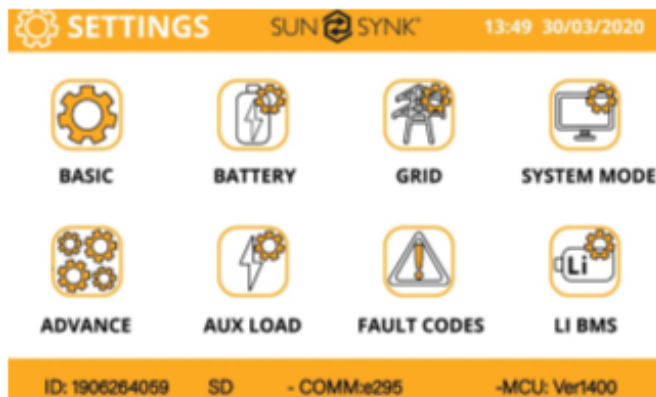


What this page displays:

- System flow.
- MPPTs power.
- Battery status.
- Power distribution to load or grid.

Setup Page

From the Setup Page you can access all the settings by simply clicking on each icon.



Time Page

In this page you can set up the time and date for your system.

The Basic Setup Time page allows users to configure the system's time and date. It includes a 'Sync' checkbox and fields for Year (2018), Month (10), Day (24), Hour (01), Minute (53), and Second (17). There is also an 'AM/PM' checkbox. The page has 'Cancel' and 'OK' buttons at the bottom.

Company Name / Auto Dim / Beeper

In this page you can set up the company's name, activate/deactivate Auto Dim, and turn on/off the beeper.

The Basic Setup Display page is used to set the company name and configure the beeper and auto dim settings. It features a text input field for the company name, a 'Cancel' button, and an 'OK' button. Below the input field is a keyboard layout with letters A-Z, numbers 0-9, and a space bar. At the bottom, there are checkboxes for 'Beeper On / Off' and 'Auto Dim Sec'.

Factory Reset & Lock Code

Here you can reset all parameters of the inverter and also lock out all changes.

The Basic Setup Reset page allows users to perform a factory reset and lock out all changes. It includes checkboxes for 'Factory Reset', 'System Selfcheck', 'Test Mode', and 'Lock Out All Changes'. The page has 'Cancel' and 'OK' buttons at the bottom.

User Interface

Battery Setup Page

In this page you can setup the parameters for the battery such as capacity, charge / discharge current and battery type.

Generator & Battery Page

In this page you can set up the parameters of the generator and the battery voltages.

Li BMS Page

After installing a lithium battery, check on the communications page by clicking on the 'Li BMS' icon to see if the BMS information is visible

Grid Supply Page

Here you can set all the parameters for the electrical grid.

User Interface

Program Charge/Discharge Time Settings Page

This is the heart of the Sunsynk Hybrid Inverter. In this page, you can setup all the charge and discharge timings. You can set the inverter to what time you wish to export power to the grid or when you want to charge batteries using the grid or generator and the levels and time settings for these functions.

Time Start	Time End	Power	SOC/V	Grid	Gen
01:00	05:00	8000	57.0V	<input checked="" type="checkbox"/>	<input type="checkbox"/>
05:00	09:00	8000	57.0V	<input checked="" type="checkbox"/>	<input type="checkbox"/>
09:00	13:00	8000	57.0V	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13:00	17:00	8000	57.0V	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17:00	21:00	8000	57.0V	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21:00	01:00	8000	57.0V	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Use Timer ☐

Cancel OK

Zero Export ☐ Priority Load ☐

Solar Export ☐

Limit To Load Only ☐

20W Batt Capacity

8000W Batt Capacity

Cancel OK

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