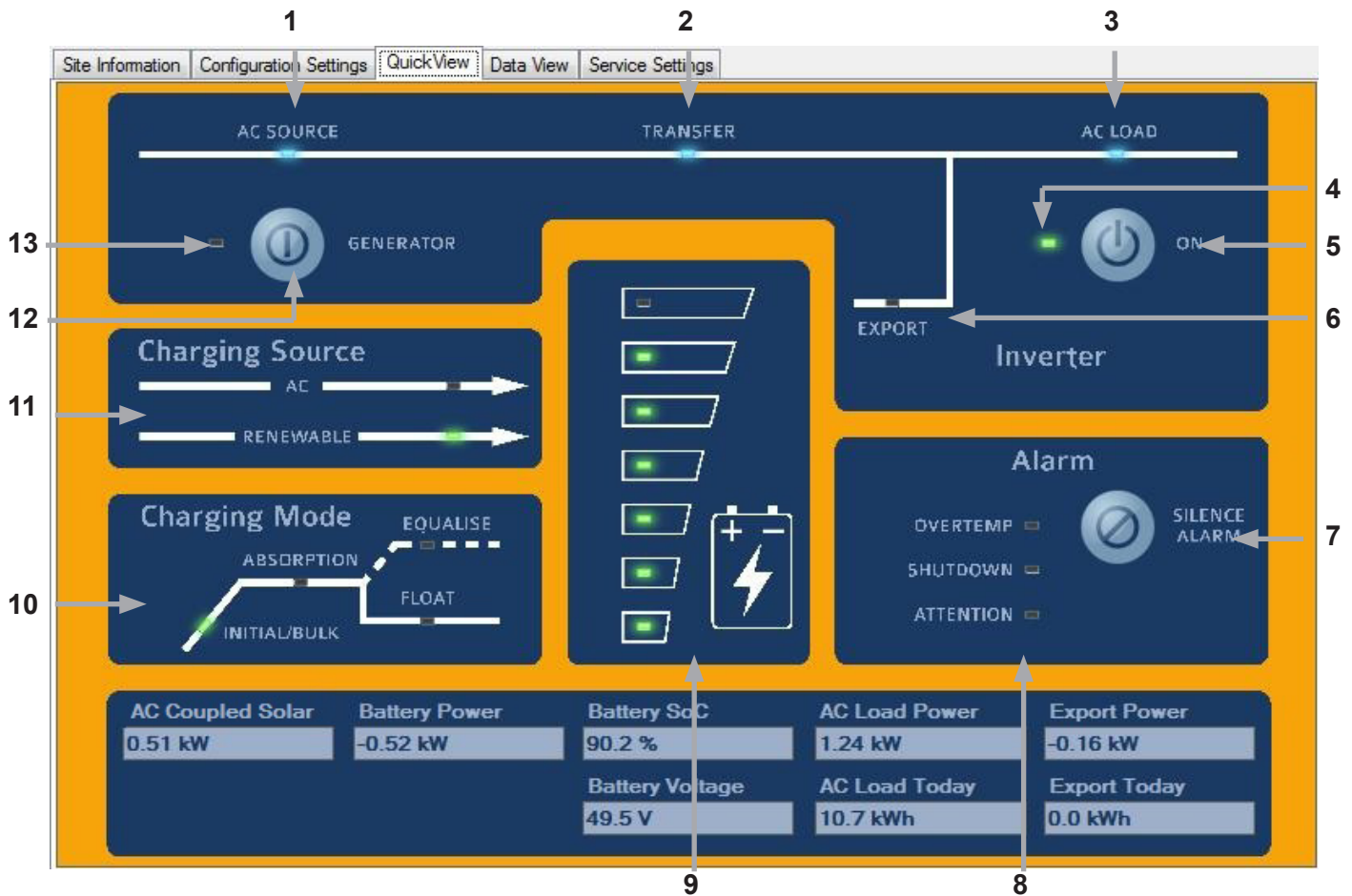




Quick View

Quick View presents you with a screen that mimics the front panel of the SP PRO along with a real time overview of the condition of the system.



The following page lists the SP PRO control and indicators which correspond to the labelled image above.

The overview shown is for a Solar Hybrid (On Grid) system. The real time overview values shows how much power is being produced (AC Solar) and exported (Export Power and Export Today) as well as the present consumption (AC Load Power and AC Load Today). The battery condition (Battery SoC and Battery Voltage) is also indicated.

The overview for a Off Grid system varies slightly such that the Export Power and Export Today are replaced by the Generator Status and Gen Started.

AC Coupled Solar	Battery Power	Battery SoC	AC Load Power	Generator Status
2.12 kW	2.06 kW	98.4 %	0.38 kW	Not Running
Solar (Shunt 1)	Load (Shunt 2)	Battery Voltage	AC Load Today	Gen Started
1.01 kW	0.65 kW	57.1 V	3.4 kWh	Not Running

DC shunts are enabled in this example and their real time values are shown as Solar (Shunt 1) and Load (Shunt 2).

1 AC SOURCE *

When illuminated shows the presence of AC supply voltage from either a generator or the grid, whichever is applicable. This is powered directly from the incoming AC supply.

2 TRANSFER *

Illuminated when an external AC supply is connected through to the AC LOAD output. If AC SOURCE is illuminated but not TRANSFER, it would indicate that either the AC supply's voltage or frequency are beyond the set limits or the active Priority Schedule is set to "Grid Disconnected". If the AC supply is a motor generator, check if it needs servicing; if the mains grid, check with your supplier for a problem, or for either, that the set limits are suitable. It is normal operation for this to flicker slightly.

3 AC LOAD *

When illuminated, this shows the presence of AC voltage ready to supply loads. This is powered directly from the inverter AC output or AC supply.



The above indicators (1,2 & 3) will operate without any DC connection to the inverter. An external AC supply will activate the AC bypass and illuminate these indicators.

4 OUTPUT MODE STATUS

- Off** Inverter is disconnected from Battery supply. AC bypass only.
- Slow Flashing Yellow** Inverter is Idle (Off) - Monitoring and logging but no inverter AC output.
- Steady Green** Inverter is On.
- Slow Flashing Green** Econo mode is active and sensing
- Fast Flashing Green** Inverter is preparing to start.
- Steady Red** Indicates that a Fault has been detected and inverter is shutdown.
- Flashing Red** Indicates an open circuit or poor battery connection or inverter not configured. Inverter is shutdown.

5 ON BUTTON

A LONG PRESS (>1 second) - turns the Inverter On. Another long press reverts to Idle.
 A SHORT PRESS (<1 second) - activates Econo mode (If Enabled in Configuration Settings > Inverter).

6 EXPORT

In grid connected systems, indicates that the SP PRO is feeding renewable power: to the load or the grid.
On, renewables exporting to the grid and supplying Loads;
Flashing, renewables supplying Loads only.
 NOTE: The EXPORT indicator may flicker occasionally at night when no renewable are available. This is normal operation and is due to transients in the load power or grid voltage.

7 SILENCE ALARM BUTTON

The Silence Alarm button cancels any audible alarm. This does not remove the alarm, just the audible component. This button is not active when SP PRO is in Idle.

8 ALARM INDICATORS

OVERTEMP

- Yellow** SP PRO is approaching an over temperature condition
- Red** SP PRO has shutdown due to an over temperature condition

SHUTDOWN

- Yellow:** SP PRO is approaching a shutdown condition
- Red** SP PRO has shutdown

ATTENTION

- Off** Normal
- Yellow** Attention Required, Fan Service Request
- Flashing Yellow** Clean Fan, Fan Fault or Capacitor Service
- Red** Immediate Attention required
- Flashing RED** Unit Fault

See Attention Required in SP LINK Data View - Now section to determine specific reason for the attention indicator.

9 BATTERY "FUEL" GAUGE

These represent either the battery voltage or State of Charge (SoC). By default, battery voltage is indicated. All indicators on green indicate Float or higher voltage. If just the bottom indicator is on red, battery voltage is approaching the SP PRO Shutdown voltage.

If the SP PRO has SoC Control enabled, these will represent the percentage of usable charge remaining in the batteries. Usable charge is defined from 100% SoC down to the Shutdown SoC parameter.

Top Indicator

Flashing RED: Instant Hi DC Voltage Shutdown

Bottom Indicator

- Yellow** Low Battery
- Red** Low Battery Shutdown
- Flashing RED** Instant Low DC Voltage Shutdown

When all are flashing RED, inverter is in Low DC Shutdown Override. In emergency situations, this override enables the SP PRO to be forced to work beyond the battery shutdown limits. The SP PRO will continue to operate at reduced capacity until the battery can no longer supply enough to keep the inverter and loads running. We remind you, this emergency feature may damage the batteries or connected equipment.

10 CHARGING MODE

The Charging Mode panel indicates the present charging mode being performed by either connected Charging Source, or the stage that will be started when Renewable or external AC supply becomes available. **Note:** SoC will be set to 100% when Float Charging Mode is entered.

11 CHARGING SOURCE

- AC - On External AC supply charging battery bank
- Renewable - On Monitored renewable supply is charging battery bank

DC Coupled renewable supplies must be monitored via an external current shunt(s) to activate this indicator.

12 GENERATOR START/STOP BUTTON

A brief press of this button (<1 second) will start or stop the generator..
 Two Long presses - Set or cancel Equalise Charge pending (see Click here for Request Battery Equalise on page 81.

13 GENERATOR STATUS

- Off** No generator activity
- Flashing Green** Generator is in the process of starting
- Steady Green** Generator has started and is running
- Flashing Yellow** Generator is not available for auto start
- Flashing Red** There is a generator fault