



Service through Experience

Now in:

Polokwane, Limpopo

Nelspruit, Mpumalanga

Potchefstroom, Northwest

Somerset West, Western Cape

Rustenburg, Northwest

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SUN  SYNK[®]

Hybrid Parity (Super) Inverter



3.6kW / 5.5kW



8.8kW

The Sunsynk Hybrid Parity Inverter is a highly efficient power management tool that allows the user to hit those 'parity' targets by managing power flow from multiple sources such as solar, main electrical grids, and generator, and then effectively storing and releasing electric power as the utilities require.

INTERACTIVE

- Easy and simple to understand display
- Supporting Wi-Fi or GSM monitoring
- Visual power flow screen
- Built-in 2 strings of MPP trackers
- Smart settable 3-stage MPPT charging for optimized battery performance
- Auxiliary load function
- Parallel / multi-invert function grid-tied and off-grid

COMPATIBLE

- Compatible with main electrical grid voltages or power generators
- Compatible with wind turbines
- 220V single phase, pure sinewave inverter
- Self-consumption and feed-in to the grid
- Auto restart while AC is recovering
- Auto earth bond feature (Via a relay)

CONFIGURABLE

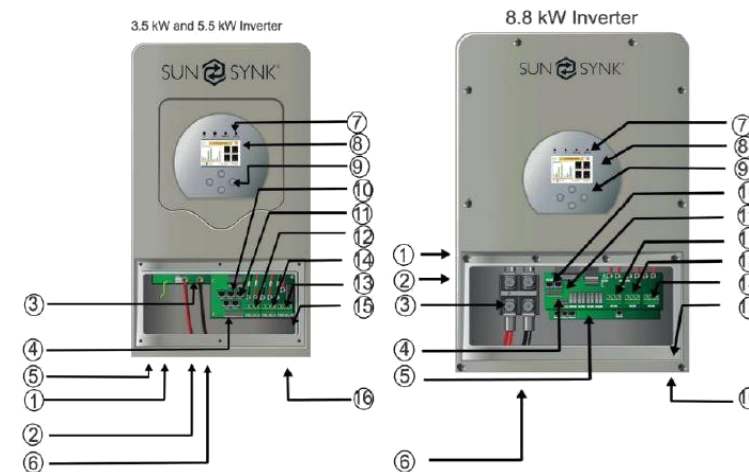
- Fully programmable controller
- Programmable supply priority for battery or grid
- Programmable multiple operation modes: on-grid/off-grid & UPS
- Configurable battery charging - current/voltage based on applications by LCD setting
- Configurable AC / solar / generator charger priority by LCD setting

SECURE

- Overload/over-temperature/short-circuit protection
- Smart battery charger design for optimized battery protection
- Limiting function installed to prevent excess power overflow to grid

APPLICATIONS

- Marine (vessel power management)
- Power shedding (home/office/factory)
- UPS (fuel-saving systems)
- Remote locations with solar and wind generators
- Building sites
- Military locations
- Telecommunication



1. PV isolator
2. Power ON/OFF
3. Battery input connectors
4. I/O Ports
5. MPPT 1 and MPPT 2 inputs
6. Battery cable compression gland
7. Inverter LED indicators
8. LCD display
9. Function buttons
10. RS485 port
11. CAN bus port
12. Generator / Aux IN/OUT
13. On-grid inverter
14. Load off-grid inverter
15. Ground connection
16. Data logger