



# Sunsynk 8kw 48v hybrid inverter

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PLEASE NOTE: All Warranties will be null and void should this unit not have been installed by a qualified electrician with a Certificate of Compliance attached. A walk in warranty is offered which is subject to our suppliers service procedures.

This Sunsynk Inverter Hybrid PV 8kW 48V + WiFi Dongle SYNK-8K-SG01LP1 multifunctional inverter combines the functions of an inverter, solar charger and battery charger to offer uninterruptible power support with a portable size. Its comprehensive LCD display offers user-configurable and easily accessible button operations such as battery charging, AC/solar charging, and acceptable input voltage based on different applications.

INTERACTIVE? Easy and simple to understand display? Supporting Wi-Fi or GSM monitoring? Visual power flow screen? Smart settable 3-stage MPPT charging for optimized battery performance? Auxiliary load function? Parallel / multi invert function grid-tied and off-grid? Supports Split phase 120/240Vac, Three-phase 120/208Vac system

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

Need to split your order between Delivery and Collection? No problem, just specify this when selecting the Delivery or Collection option for the products that you wish to purchase.

Experience the next level of energy control with the Sunsynk 8kw Single Phase Hybrid Inverter 48V. Designed with precision, this inverter harnesses a dual MPPT design that maximizes energy efficiency, making it a reliable choice for both residential and commercial setups. Whether you opt for Lithium-ion or



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Lead Acid batteries, the Sunsynk inverter ensures seamless compatibility, accommodating your energy storage preferences with ease.

Stay connected and informed at all times through the dedicated mobile app, allowing you to conveniently monitor your energy usage, production, and storage. The Sunsynk inverter's automatic switching mechanism effortlessly transitions between Grid-Tied and Off-Grid modes, ensuring a continuous power supply regardless of the circumstances. The integrated Zero Export function empowers you to manage surplus energy efficiently, contributing to a more sustainable energy ecosystem.

Are you aiming for a more substantial energy setup? The Sunsynk inverter supports a remarkable parallel capability, allowing up to 16 units with identical firmware to operate in harmony, generating more power collectively. The inclusion of Essential and Non-Essential Loads outputs provides customizable control over your energy distribution, enabling you to prioritize critical appliances during power fluctuations.

Connecting your photovoltaic (PV) panels is a breeze with the push-in terminal feature, streamlining the installation process and saving you valuable time. The Sunsynk inverter package comes complete with a Wi-Fi logger and CT, ensuring seamless data communication and precise energy measurement. For a comprehensive monitoring experience, the inverter seamlessly integrates with the SolarMan App, providing real-time insights into your energy ecosystem.

Contact us for free full report

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