

## Our Hybrid Inverters

- ▶ Power your home and electric vehicle with renewable energy that you control while reducing your reliance on the grid.
- ▶ Sunsynk batteries and hybrid inverters allow you to store electrical energy to use in your home, and also provide back up power in the event of a powercut.
- ▶ Manage and control your energy use in real time with the Sunsynk app.
- ▶ Use solar and Sunsynk to reduce reliance on the grid and run your home off solar during the day and stored energy during the night.
- ▶ Reduce your electricity bill.
- ▶ Sunsynk is compact and provides easy integration with your homes systems.
- ▶ The Sunsynk system is easy to install and can be expanded any time.



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SUN  SYNK®

No Power No Problem



# HYBRID INVERTERS

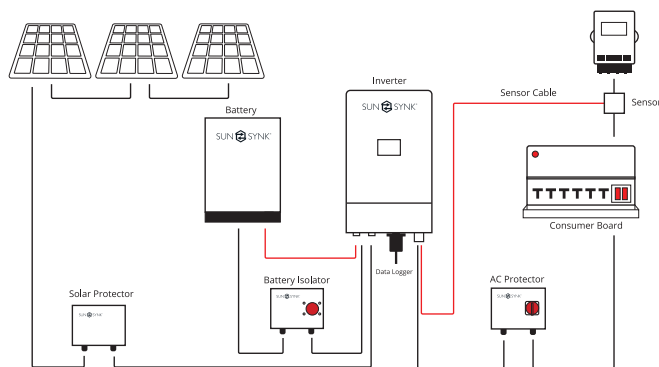
Revolutionising the Way We  
Store, Generate & Control Energy

[www.sunsynk.com](http://www.sunsynk.com)



## HOMES OF THE FUTURE

- ▶ It is sensible that new-build houses both in the UK and abroad will simply adopt solar power and battery storage as part of the initial building design. As the mains electricity price rises, it will be a severe disadvantage selling a house without having an installed independent means to power generation and power storage.
- ▶ As electric vehicles (EVs) become the norm, the amount of power consumed by a household will double and families will be paying careful attention to the number of kWh's on their monthly bills. It will become essential that power management systems are installed to allow consumers to make informed decisions on the amount of power their appliances consume and what can be turned off.
- ▶ Smart-Metering is the beginning of this change and later, once houses have their own battery storage and power management systems, customers will be able to economically manage their own consumption.



## Let Sunsynk Help You Save!

Sunsynk parity inverters with storage & programmable export facility.

- ▶ The inverter coupled with battery storage can power all kinds of appliances in the home or office environment, including motor type appliances such as tube lights, fans, refrigerators, and air conditioners. It works rather like a water tank when storing electricity in that you fill the tank up from a generator or solar array and silently use the power until the tank is empty or close to empty. Subsequently, it can be topped back up again by the generating facilities.
- ▶ When excess power is diverted to the grid, it is possible in countries such as the UK or Hong Kong to receive payback from the mains supplier. This will allow the customer to earn money and cover the cost of the inverter within a short period of time.
- ▶ The Sunsynk® range of solar products is the culmination of years of research and development. This inverter is one of our newest products. This device combines the functions of an inverter, solar charger, and battery charger to offer uninterrupted power support in a convenient size. Its comprehensive LCD display offers users configurable and accessible button operation to adjust functions such as battery charging current, AC/Solar charger priority, and acceptable input voltage in order to match different applications.
- ▶ In addition to producing power via solar panels the Sunsynk Inverters can be connected to an engine generator system thereby assisting in the reduction of diesel. Power is generated and stored and used by the appliance / load in preference to the engine's direct power.