



EnSmartHome

6 R O D U S R Z H U G D \ D Q G Q L J K

About Entrust Smart Home Microgrid Ltd

Entrust Smart Home Microgrid Ltd, specialises in smart microgrid solutions that not only reduce energy consumption from the grid, particularly at peak hours, but also maximises the benefits from embedded solar PV and energy storage systems.

Based at Lancaster University, we are global leaders in the development of innovative microgrid with hybrid solar PV and battery storage solutions.

As well as home microgrid systems, we also have solutions for business and industry – including a evolutionary new way of charging EV's (EnSmartEV) which uses similar technology to store and use electricity in the best and most efficient way possible.

Why EnSmartHome?

Entrust Smart Home Microgrid – the best and most efficient way to use solar PV power and battery storage in your home.

EnSmartHome automatically uses the cheapest and most available form of electricity thereby saving money on energy bills.

Through a top-quality hybrid inverter (such as Goodwe) and high performing CATL or Ganfeng Lithium-Ion batteries, EnSmartHome maximises use of solar PV power and low tariff (night-time) grid electricity in your home.

This provides many hours of freely stored electricity to be used later in the day such as busy times in the evening – reducing electricity consumption from the grid at high tariff hours and cutting energy bills even further.

EnSmartHome Comprises of:

3kW Hybrid Inverter and EnSmartESS 5kWh battery storage, OR:

A 3kW hybrid inverter with one battery pack 5.12kWh@51.2V and one wall mounting kit

Or

3.6kW Hybrid Inverter and EnSmartESS 10kWh battery storage

A 3.6kW hybrid inverter with two battery packs 5.12kWh@51.2V and either two wall mounting kits or one Power Lite Plus wall mounting case (housing two battery packs)

Featuring top quality specifications and manufacturing, EnSmartHome comes with a minimum 5-Year warranty.

**Entrust Microgrid
EnSmartESS
10.24kWh@51.2V
(CATL Cell)**



**Entrust Microgrid
EnSmartESS
5.12kWh@51.2V
(CATL Cell)**



**Entrust Microgrid
EnSmartESS
5.12kWh@51.2V
(Ganfeng Cell)**



For technical specifications and more information contact:

Louis Hibberd

Entrust Smart Home Microgrid Ltd

Email: louis.hibberd@entrustmicrogrid.com

Tel: 07776 820151

Visit our website
www.entrustmicrogrid.com

