

LG will always be there to back you up

 LG Energy Solution

# RESU HOME





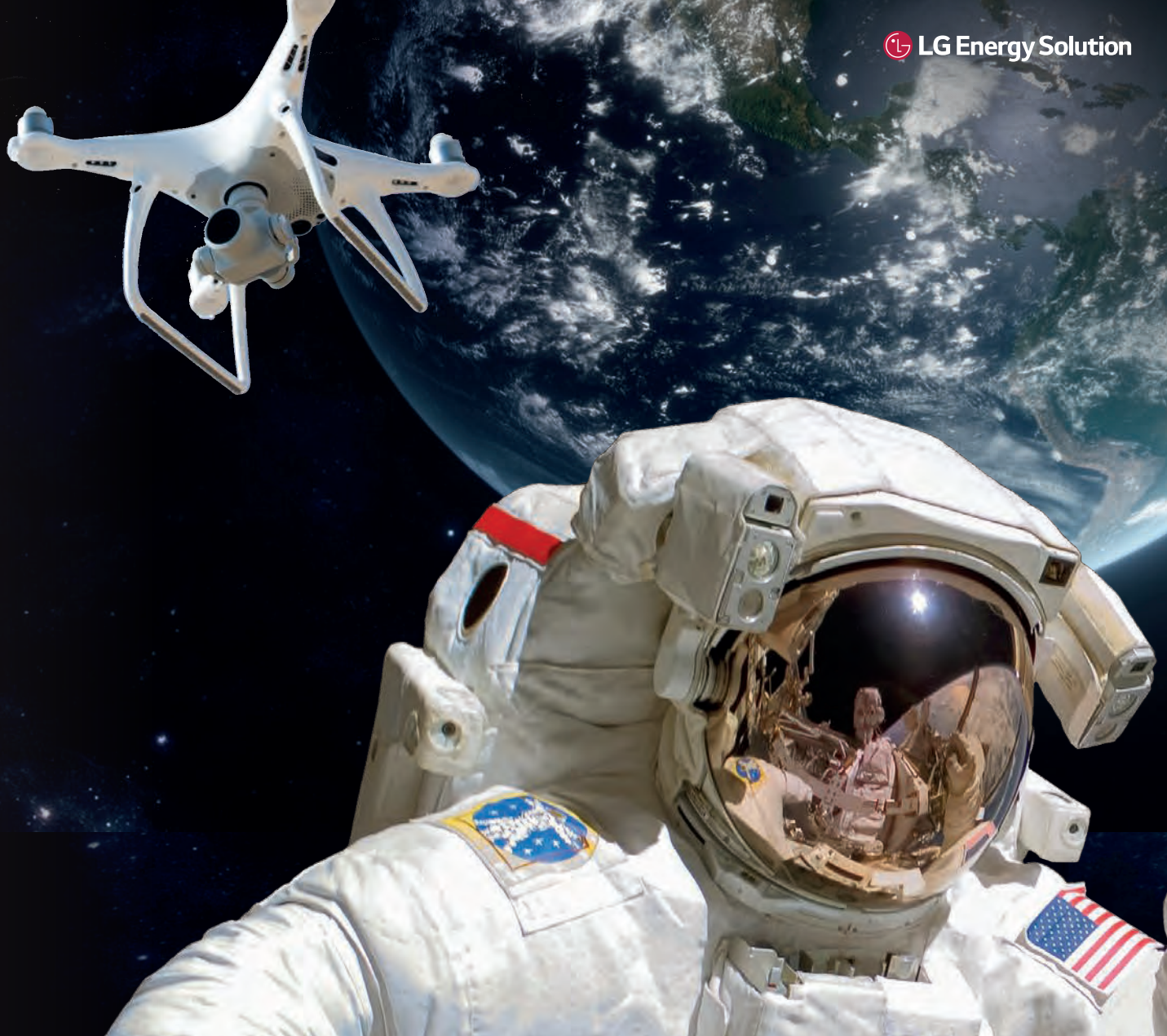
# The Most Innovative Battery Technology to Power Australia's Homes

LG Energy Solution has been pioneering lithium-ion battery technology, the next evolution of the energy industry with unbridled passion since 1995.

We provide uninterrupted power not only for electric cars and homes, but also for ships that navigate the sea and drones flying high in the stratosphere.

Our battery technology has advanced beyond land, sea, and air into space meeting stringent standards required to reliably power NASA space suits.

We are powering Australia's homes with the world's most innovative and reliable battery technology.



**Unparalleled  
Production Capabilities**

Global Production Capacity in 2025

**540** GWh



**Global No.1  
in Battery Patents**

Number of Battery Patents

**31,890**



**Expansion of Large-scale  
R&D Investment**

R&D Investment in the Last 10 Years

**\$4.5** Billion



## The Ideal Home Battery System Chosen by Australians

LG RESU HOME sets a new standard for solar-powered homes alongside ultimate performance and reliability.

Our sleek design fits perfectly into any home and saves space.

With our inverter and battery system you can rely on LG and a unified 10 year warranty.



### Home Optimised Design

The compact and sleek design of the LG Home Battery allows you to place it anywhere you want, both indoors and outdoors, on the floor or wall. Its size makes it much easier to comply with the latest battery installation standards.



### Efficient Hybrid Design

Our hybrid design allows for more efficient power conversion from solar to battery storing more energy to use at night.



### Instant Back-Up

Your back-up circuits are powered instantaneously in case of blackout.



### The Solar Installer's Battery Choice

With the largest installer network in Australia, a full local technical service team - we are the home battery of choice by solar installers.



### Global Leader in Safety and Reliability

The safety and reliability of our lithium-ion battery is why more than 3 million electric vehicles from 20 automakers and 500,000 residential battery systems rely on our technology. The LG RESU Home Energy System is protected and secured from the elements with no exposed components your family is safe.



## Perfectly Suited for Every Environment, LV Home Storage System

Our LV Home Storage package is a total system solution combining the 48V battery with our LGES-5048 hybrid inverter.

This seamless high-efficiency hybrid solution offers diverse capacity optimized for customers' preferences and installation environments as well as for instant back-up providing peace of mind.



### Compact Design

The compact and sleek design maximises space efficiency and allows system installation without space constraints, indoors and outdoors.



### Maximise Rooftop Solar

Install up to 8.5kW PV solar panels with the LGES-5048 hybrid inverter and LG RESU battery to maximise your energy production.



### Smart Monitoring & Control

The LG Energy Solution monitoring app makes real-time monitoring of solar energy production and home energy consumption possible proactively detecting anomalies for quick diagnosis and remote troubleshooting.



### Excellent Scalability

LG Home Storage System is a perfect choice, whether for large or small capacity. You can quickly expand RESU LV batteries to two units with a RESU Plus, and connect the LGES-5048 inverter in parallel based on your needs.

# Specification



## RESU12

**11.7 kWh**  
Usable Capacity

**5/7 kW**  
Maximum/Peak Power

**99 kg**  
Weight

**Floor or wall mounted IP55**  
Installation

**10 years**  
Warranty

## RESU10

**8.8 kWh**  
Usable Capacity

**5/7 kW**  
Maximum/Peak Power

**75 kg**  
Weight

**Floor or wall mounted IP55**  
Installation

**10 years**  
Warranty

## LGES-5048

**5.0kW Hybrid Inverter**  
Nominal AC Output Power [kW]

**Up to 8.5kW PV with battery**  
PV input

**30 kg**  
Weight

**Hybrid and AC-coupled**  
Installation

**Instantaneous black-out protection**  
UPS Back-Up function

**10 years**  
Warranty

## RESU Plus

**Combine up to 2 batteries per inverter**  
**IP55**

RESU Plus is an expansion kit specially designed for 48V LV batteries. With RESU Plus, RESU 10/12 can be cross-connected with each other.






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Be Prepared with LG Energy Solution



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LG Energy Solution is a leading global manufacturer of lithium-ion batteries for electric vehicles, mobility, IT, and energy storage systems. With 30 years of experience in advanced battery technology, we continue to grow rapidly towards the realization of a sustainable future. With a robust global network encompassing the US, Europe, Asia, and Australia, LG Energy Solution maintains a stable supply of complete battery solutions, from cells to management systems, to customers worldwide. Furthermore, LG Energy Solution leads the way in green business practices and aims to attain carbon neutrality by 2050, reinforcing our dedication to sustainability.