

## The all new RESU HOME









## The Complete Solar Storage Solution

Joining the RESU family is the LGES-5048 Hybrid Inverter to complement your solar panels and new RESU battery. Enhance and customise your solar system as you see fit with a variety of storage sizes up to 23.4kWh (RESU12).

- Combined 10 year warranty
- High Performance proven technology
- Designed for new solar and existing solar + storage installations
- Maximises PV self-consumption versus feed-in
- Provides back up with the option to scale energy capacity
- Ultimate flexibility







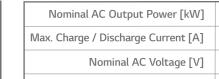




Yes - combine up to 2 models with the RESU Plus







LGES-5048



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Installation Type	New solar+battery, Add to existing solar+battery	
Dimensions [W x H x D] / Weight	516 x 440 x 184mm / 30kg	
Nominal AC Voltage [V]	230	
Max. Charge / Discharge Current [A]	100	
Nominal AC Output Power [kW]	5.0	

## Inverter Key Features

- PV input up to 7.5kW with battery
- Single point of service
- AC-coupled or DC-coupled
- Proven and reliable quiet fan-less design
- 97% Efficiency
- Back-up function (UPS black-out protection)
- Remote upgrade
- Applicable for single & three phase systems
- Compatible with Tigo Optimisers
- Warranty of 10 years

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	R≣SU6.5	RESU10	RESU12	RESUPLUS
Usable Energy [kWh]	5.9	8.8	11.7	RESU Plus is an expansion kit specially designed for 48V models of the RESU series.
Power (Rated/Peak) [kW]	4.2 / 4.6	5/7	5 /7	
Voltage [V]		42.0~58.8		
Round-trip Efficiency [%]	>95	>95	>95	With RESU Plus, compatible 48V models can be cross- connected with each other
Storage Power Consumption [W]	n/a	n/a	n/a	
Installation Type Weight [kg] Total Dimension [W x H x D, mm]	Floor & Wall-mounted 52 452 x 656 x 120	Floor & Wall-mounted 75 452 x 484 x 227	Floor & Wall-mounted 99 452 x 626 x 227	Each model supports up to 2 expandable units each
Scalability - up to 2 units	11.8kWh/4.2kW	17.6kWh/5kW	24.8kWh/5kW	216 x 155 x 122
Operational Temperature [°C]	-10~45	-10~45	-10~45	
Ingress Rating	IP55	IP55	IP55	
Warranty 10 years or throughput	20MWh	30MWh	39MWh	
Communication		CAN2.0B		
Cell	UL 1642			
Certification	CE/FCC/RCM/IEC62619			
Product	UL1973			

1) Total Energy is measured at the initial stage of battery life under the condition as follows: Temperature 25 C.

\* RESU6.5, RESU10, and RESU12 (coming soon) can be expanded with any of those models

2) Usable Energy for the whole system varies according to inverter.

\* RESU13 can only be expanded with another RESU13



Expandable Storage

