

# CHANGE YOUR ENERGY CHARGE YOUR LIFE



LG Home Battery  
RESU



Compact Size  
& Space Saving

The RESU is perfect for practical space use. Its compact and sleek design allows you to save your space.



Reliable  
Performance

The RESU provides reliability for your home with its long life and constant power & performance.



Expandable  
at Need

The RESU 48V models can be cross-connected with each other up to 2 units to increase energy capacity.



 **LG Energy Solution**

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

The ees Award is one of the most prestigious awards presented annually at ees Europe, the largest exhibition for batteries and energy storage systems in Europe, with the purpose to pay tribute to pioneering products and solutions for energy storage system.





Models	48V		
	RESU6.5	RESU10	RESU12
Total Energy [kWh] <sup>1)</sup>	6.5	9.8	13.1
Usable Energy [kWh] <sup>2)</sup>	5.9	8.8	11.7
Capacity [Ah]	126	189	252
Nominal Voltage [V]	51.8		
Voltage Range [V]	42.0-58.8		
Round-trip Efficiency [%] <sup>3)</sup>	>95%	>95%	>95%
Max Power [kW]	4.2	5.0	5.0
Peak Power [kW] (for 3 sec.)	4.6	7.0	7.0 11.0 (Backup Mode)
Dimension [W x H x D, mm]	452 x 656 x 120	452 x 484 x 227	452 x 626 x 227
Weight [kg]	52	75	99
Installation Type	Floor-standing & Wall-mounted	Floor-standing & Wall-mounted	Floor-standing & Wall-mounted
Operational Temperature [°C]	-10~45	-10~45	-10~50
Enclosure Protection Rating	IP55		
Warranty	60% @10 years (Global)	60% @10 years (Global)	60% @10 years (Global)
Communication	CAN2.0B		
Certificates	Cell	UL1642	
	Product	UL1973/TUV(IEC 62619) /CE / FCC / RCM	TUV (IEC 62619) / CE / FCC / RCM

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

2) Usable Energy is based on battery cell only

3) Under specific condition

• Compatible Inverter Brands : SMA, Ingeteam, GoodWe, Sungrow, Victron Energy, Selectronic - More brands to be added

RESU PLUS



RESU Plus is an expansion kit specially designed for 48V models of the RESU series.  
With RESU Plus, RESU6.5/10/12 are cross-connected with each other.

- Dimension : 216 x 156 x 121 (W x H x D, mm)
- Number of Expandable Battery Units : Up to 2EA
- IP55

