

# LG Home Battery

## RESU



Innovation for a Better Life

# Change your energy charge your life



### Compact

With wall or floor mounting options and a range of compact sizes, the LG Home Battery has great installation flexibility.



### Powerful

With its hybrid capability, LG Energy Solution allows extra solar to be installed for maximum performance even in winter and on cloudy days.



### Flexible

With multiple options, the LG Home Battery can be AC-coupled or DC-coupled for a system design perfectly suited to your needs.

## 48V



Models	RESU6.5	RESU10	RESU13
Total Energy [kWh] <sup>1)</sup>	6.5	9.8	13.1
Usable Energy [kWh] <sup>2)</sup>	5.9	8.8	12.4
Capacity [Ah]	126	189	252
Nominal Voltage [V]	51.8		
Voltage Range [V]	42.0-58.8		
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
Enclosure Protection Rating	IP55		
Communication	CAN2.0B		
Certificates	Cell	UL1642	
	Product	UL1973 / TUV (IEC 62619) / CE / FCC / RCM	TUV(IEC62619)/CE/FCC/RCM

### RESU PLUS

RESU Plus is an expansion kit specially designed for 48V models of the RESU series.

With RESU Plus, all 48V models can be cross-connected with each other.

- Dimension : 216 x 155 x 122 (W x H x D, mm)
- Number of Expandable Battery Units : Up to 2EA
- IP55

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  
 • Compatible Inverter Brands : Compatible Inverter Brands: GoodWe, Sungrow, Selectronic, Solis and more.

## 400V

Models	RESU10H	
	Type-R	Type-C
Total Energy [kWh] <sup>1)</sup>	9.8	
Usable Energy [kWh] <sup>2)</sup>	9.3	
Capacity [Ah]	63	
Voltage Range [V]	350-450	430-550
Max Power [kW]	5.0	
Peak Power [kW]	7.0 (for 10 sec.)	
Dimension [W x H x D, mm]	744 x 907 x 206	744 x 907 x 206
Weight [kg]	97	100
Enclosure Protection Rating	IP55	
Communication	RS485	CAN2.0B
Certificates	Cell	UL1642
	Product	UL1973 / 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  
 • Noise Level : < 40dBA  
 • Compatible Inverter Brands : Solar Edge, Sungrow, Huawei, Solis, Fronius, SMA and more.