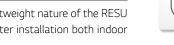




## Compact Size & Easy Installation

The compact and lightweight nature of the RESU allows easier and faster installation both indoor and outdoor.





# **Diverse Product Options**

The RESU series offers diverse product options ranging from 3.3kWh to 13.1kWh.



## Proven Safety

The safety of LG Chem's lithium-ion battery is proven in the automotive and ESS markets.





<sup>\*</sup> 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.





#### CHANGE YOUR ENERGY, CHARGE YOUR LIFE









### 48V

Models		RESU3.3	RESU6.5	RESU10	RESU13		
Total Energy [kWh] 1)		3.3	6.5	9.8	13.1		
Usable Energy [kWh] 2)		2.9	5.9	8.8	12.4		
Capacity [Ah]		63	126	189	252		
Nominal Voltage [V]		51.8					
Voltage Range [V]		42.0~58.8					
Max Power [kW]		3.0	4.2	5.0	5.0		
Peak Power [kW] (for 3 sec.)		3.3	4.6	7.0	7.0 11.0 (Backup Mode)		
Dimension [W x H x D, mm]		452 x 403 x 120	452 x 656 x 120	452 x 484 x 227	452 x 626 x 227		
Weight [kg]		31	52	75	99		
Enclosure Protection Rating		IP55					
Communication		CAN2.0B					
Certificates	Cell	UL1642					
	Product	UL1973 / TUV (IEC 62619) / CE / FCC / RCM			TUV(IEC 62619)/CE/FCC/RCM		

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

- 1) Total Energy is measured at the initial stage of battery life under the condition as follows: Temperature  $25^{\circ}$ C
- 2) Usable Energy is based on battery cell only



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







#### 400V

Models		RESU7H		RESU10H		
		Type-R	Type-C	Type-R	Type-C	
Total Energy [kWh] 1)		7.0		9.8		
Usable Energy [kWh] <sup>2)</sup>		6.6		9.3		
Capacity [Ah]		63		63		
Voltage Range [V]		350~450	430~550	350~450	430~550	
Max Power [kW]		3.5		5.0		
Peak Power [kW]		5.0 (for 5 sec.)	5.0 (for 10 sec.)	7.0 (for 10 sec.)		
Dimension [W x H x D , mm]		744 x 692 x 206	744 × 907 × 206	744 x 907 x 206	744 x 907 x 206	
Weight [kg]		75	87	97	99.8	
Enclosure Protection Rating		IP55				
Communication		RS485	CAN2.0B	RS485	CAN2.0B	
Certificates	Cell	UL1642				
	Product	TUV (IEC 62619) / CE / FCC / RCM	TUV (IEC 62619) / CE / RCM	UL1973 / TUV (IEC 62619) / CE / FCC / RCM		

 ${\sf Compatible\,Inverter\,Brands:SMA,SolarEdge,Fronius,Huawei-More\,brands\,to\,be\,added}$ 

- 1) Total Energy is measured at the initial stage of battery life under the condition as follows : Temperature  $25^{\circ}$ C
- 2) Usable Energy is based on battery cell only