

# Change Your Energy Charge Your Life



## Compact Size & Easy Installation

The compact and lightweight nature of the RESU is world-class. It is designed to allow easy wall-mounted or floor-standing installation for both indoor and outdoor applications. The inverter connections have also been simplified, reducing installation time and costs.



## Powerful Performance

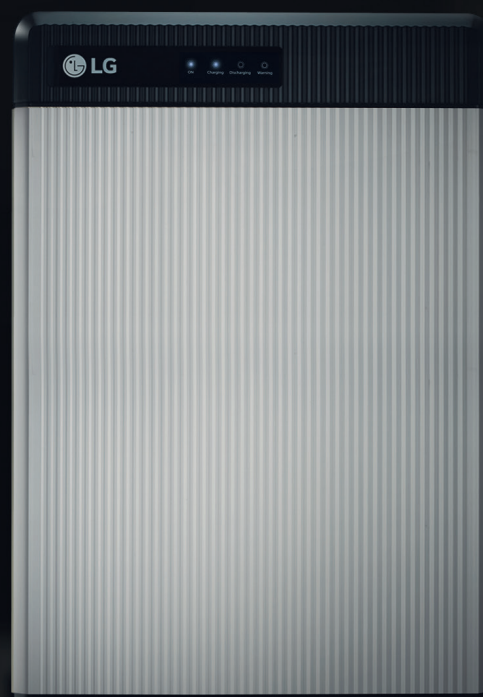
The new RESU series features industry-leading continuous power (4.2kW for RESU6.5) and DC round-trip efficiency (95%). LG Chem's L&S (Lamination & Stacking) technology provides durability ensuring 80% of capacity retention after 10 years.



## Proven Safety

LG Chem places the highest priority on safety and utilizes the same technology for its ESS products that has a proven safety record in its automotive battery. All products are fully certified in relevant global standards.

**RESU**



Change Your Energy, Charge Your Life

## 48V



Models	RESU3.3	RESU6.5	RESU10
Total Energy [kWh] <sup>1)</sup>	3.3	6.5	9.8
Usable Energy [kWh] <sup>2)</sup>	2.9	5.9	8.8
Capacity [Ah]	63	126	189
Nominal Voltage [V]	51.8	51.8	51.8
Voltage Range [V]	42.0-58.8	42.0-58.8	42.0-58.8
Max Power [kW]	3.0	4.2	5.0
Peak Power [kW] (for 3 sec.)	3.3	4.6	7.0
Dimension [W x H x D, in]	17.8 x 15.8 x 4.7	17.8 x 25.7 x 4.7	17.8 x 19.0 x 8.9
Weight [lb]	68	115	165
Enclosure Protection Rating	IP55		
Communication	CAN 2.0 B		
Certificates	Cell	UL1642	
	Product	UL1973 / TUV (IEC 62619) / CE / FCC / RCM	

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

1) Total Energy is measured at the initial stage of battery life under the condition as follows: Temperature 77°F

2) Usable Energy is based on 90% of Depth of Discharge (Battery cell only)

RESU PLUS



**RESU Plus is an expansion kit specially designed for 48V models of new RESU series. With RESU Plus, all 48V models can be cross-connected with each other.**

- Dimension: 6.1 x 8.5 x 4.8 (W x H x D, in)
- Number of Expandable Battery Units: Up to 2EA
- IP55

## 400V



Models	RESU7H	RESU10H	
		Type-R	Type-C
Total Energy [kWh] <sup>1)</sup>	7.0	9.8	9.8
Usable Energy [kWh] <sup>2)</sup>	6.6	9.3	9.3
Capacity [Ah]	63	63	63
Voltage Range [V]	350-450	350-450	430-550
Max Power [kW]	3.5	5.0	5.0
Peak Power [kW]	5.0 (for 5 sec.)	7.0 (for 10 sec.)	7.0 (for 10 sec.)
Dimension [W x H x D, in]	29.3 x 27.2 x 8.1	29.3 x 35.7 x 8.1	29.3 x 35.7 x 8.1
Weight [lb]	168	214	220
Enclosure Protection Rating	IP55		
Communication	RS485	RS485	CAN 2.0 B
Certificates	Cell	UL 1642	
	Product	TUV (IEC 62619) / CE / FCC / RCM	UL1973 / TUV (IEC 62619) / CE / FCC / RCM

Compatible Inverter Brands : SMA (RESU10H) , SolarEdge (RESU7H, RESU10H) - More brands to be added

1) Total Energy is measured at the initial stage of battery life under the condition as follows: Temperature 77°F

2) Usable Energy is based on 95% of Depth of Discharge (Battery cell only)