

Innovation
for a Better Life



CHANGE YOUR ENERGY CHARGE YOUR LIFE



RESU



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

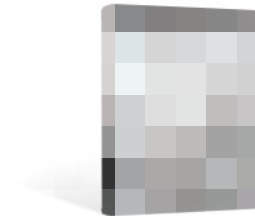
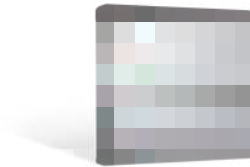
The new RESU series features industry-leading continuous power (4.2kW for RESU6.5) and DC round-trip efficiency (95%). LG Chem's L&S (Lamination & Stacking) technology provides durability ensuring 80% of capacity retention after 10 years.



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.

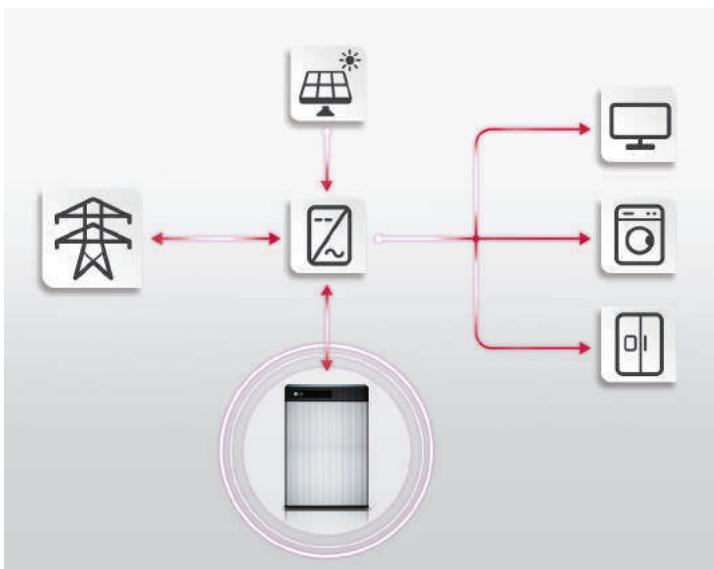
400V



Models	RESU7H	RESU10H	
Total Energy [kWh]	7.0	9.8	
Usable Energy [kWh]	6.6	9.3	
Capacity [Ah]	63	63	
Voltage Range [V]	350-450	350-450	385-550
Max Power [kW]	3.5	5.0	
Peak Power [kW] (for 10 sec.)	5.0	7.0	
Dimension [W x H x D, mm]	744 x 692 x 206	744 x 907 x 206	
Weight [kg]	76	97	99.8
Enclosure Protection Rating	IP55		
Communication	RS485	RS485	CAN 2.0 B
Certificates	Cell	UL 1642	
	Product	TUV (IEC 62619) / CE / RCM	UL1973 / TUV (IEC 62619) / CE / FCC / RCM

Compatible Inverter Brands : SMA(RESU10H) , SolarEdge(RESU7H,10H) (As of 3Q, 2016, More brands to be added)

An ESS can store surplus energy generated from rooftop photovoltaic panels for use when needed. When the sun has set, energy demand is high, or there is a black-out, you can use the energy stored in your ESS to meet your energy needs at no extra cost. In addition, an ESS helps you pursue the goal of energy self-consumption and ultimately energy-independence.



Electricity Bill Saving

- Charge during off-peak times
- Discharge during peak times

Self-consumption

- Store solar energy generated from photovoltaic panels for the future use.

Emergency Power Back-up

- Discharge during a black-out, functioning as back-up power

