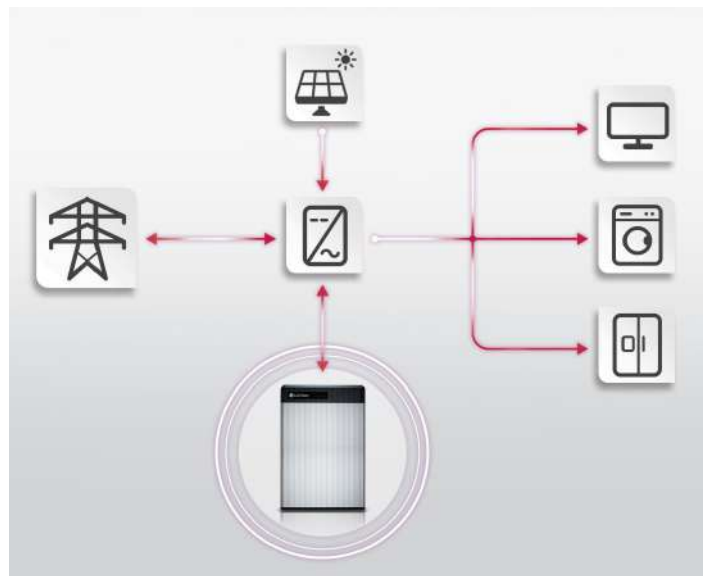


LG Chem ESS Solutions Residential ESS



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

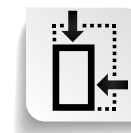
- Discharge during a black-out, functioning as back-up power



RESU6.4EX (Former model)

RESU6.5

Key Features of New RESU Series



Compact Size & Easy Installation

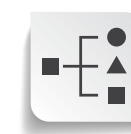


Powerful Performance



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.



Diversity in Product & Capacity Options

A total of five different models are available to meet customers' varying needs with respect to voltage and capacity. With the RESU Plus, all 48V models can be "cross-connected" with one other 48V unit of any capacity. This allows the RESU range to offer energy storage capacities from 3.3kWh to 19.6 kWh.

48V

3.3 kWh

6.5 kWh

9.8 kWh

400V

7.0 kWh

9.8 kWh

RESU PLUS

RESU Plus is an expansion kit specially designed for 48V models of new RESU series.
Number of expandable battery units: Up to 2EA



Residential ESS



48V



Models		RESU3.3	RESU6.5	RESU10
Total Energy [kWh]		3.3	6.5	9.8
Usable Energy [kWh]		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
Dimension [W x H x D, mm]		452 x 401 x 120	452 x 654 x 120	452 x 483 x 227
Weight [kg]		31	52	75
Enclosure Protection Rating		IP55		
Communication		CAN 2.0 B		
Certificates	Cell	UL1642		
	Product	CE / RCM / TUV (IEC 62619) / UL1973		

Compatible Inverter Brands : SMA, SolaX, Sungrow, Schneider, Ingeteam, GoodWe, Redback, Victron Energy
(As of 3Q. 2016, More brands to be added)

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
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	TUV (IEC 62619) / UL1973 / CE	

Compatible Inverter Brands : SMA , SolarEdge (As of 3Q. 2016, More brands to be added)