

Innovation  
for a Better Life



# 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

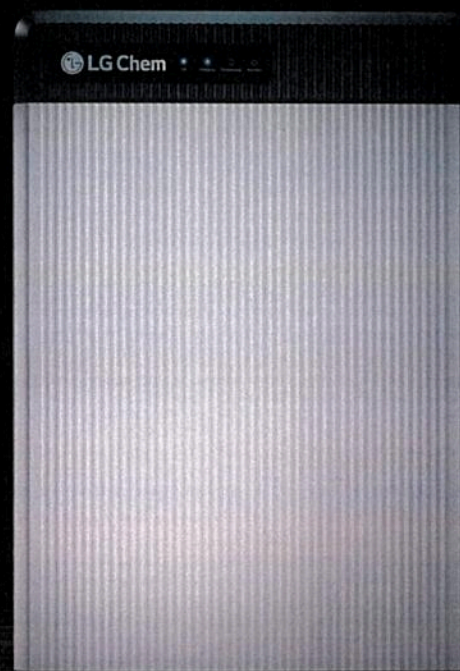
The new RESU series features industry-leading continuous power (4.2kW for RESU6.5) and DC round-trip efficiency (95%). LG Chem's L&S (Lamination & Stacking) technology provides durability ensuring 80% of capacity retention after 10 years.



## 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



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## 48V



Models	RESU3.3	RESU6.5	RESU10
Total Energy [kWh]	33	65	98
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
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, 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, Ingteam, GoodWe, Redback, Victron Energy (As of 3Q 2016, More brands to be added)



**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: 385 x 240 x 65 (W x H x D, mm)
- Number of Expandable Battery Units: Up to 2EA
- IP55

## 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	TUV (IEC 62619) / UL1973 / CE

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