

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%, 0.3C). LG Chem's L&S (Lamination & Stacking) technology provides durability with long lifespan.



## 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.

\* The ees award is one of the most honorable 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.

[www.lgesspartner.com](http://www.lgesspartner.com)

### 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, mm]	452 x 403 x 120	452 x 656 x 120	452 x 484 x 227
Weight [kg]	31	52	75
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, 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°C

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: 156 x 216 x 121 (W x H x D, mm)
- Number of Expandable Battery Units: Up to 2EA
- IP55

### 400V



Models	RESU7H	RESU10H	
	Type-R	Type-R	Type-C
Total Energy [kWh]	7.0	9.8	9.8
Usable Energy [kWh]	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, mm]	744 x 692 x 206	744 x 907 x 206	744 x 907 x 206
Weight [kg]	75	97	99.8
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 25°C

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