

Innovation
for a Better Life



CHANGE YOUR ENERGY CHARGE YOUR LIFE



RESU



Modular Type Battery
RESU10M



Compact Size & Easy Installation

The compact and lightweight nature of the RESU allows easier and faster installation both indoor and outdoor.



Diverse Product Options

The RESU series offers diverse product options ranging from 3.3kWh to 13.1kWh.



Proven Safety

The safety of LG Chem's lithium-ion battery is proven in the automotive and ESS markets.



* The ees Award is one of the most prestigious 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.

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Models	48V			
	RESU3.3	RESU6.5	RESU10	RESU13
Total Energy [kWh] ¹⁾	3.3	6.5	9.8	13.1
Usable Energy [kWh] ²⁾	2.9	5.9	8.8	12.4
Capacity [Ah]	63	126	189	252
Nominal Voltage [V]	51.8			
Voltage Range [V]	42.0-58.8			
Max Power [kW]	3.0	4.2	5.0	5.0
Peak Power [kW] (for 3 sec.)	3.3	4.6	7.0	7.0 11.0 (Backup Mode)
Dimension [W x H x D, mm]	452 x 403 x 120	452 x 656 x 120	452 x 484 x 227	452 x 626 x 227
Weight [kg]	31	52	75	99
Enclosure Protection Rating	IP55			
Communication	CAN2.0B			
Certificates	Cell	UL1642		
	Product	UL1973 / TUV (IEC 62619) / CE / FCC / RCM		TUV(IEC 62619)/CE/FCC/RCM

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 battery cell only

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

RESU PLUS



RESU Plus is an expansion kit specially designed for 48V models of the RESU series. With RESU Plus, RESU3.3/6.5/10 are cross-connected with each other, and RESU13 is connected with the same model.

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



Models	400V				Modular RESU10M
	RESU7H		RESU10H		
	Type-R	Type-C	Type-R	Type-C	
Total Energy [kWh] ¹⁾	7.0		9.8		9.8
Usable Energy [kWh] ²⁾	6.6		9.3		9.3
Capacity [Ah]	63		63		63
Nominal Voltage [V]	-		-		155
Voltage Range [V]	350-450	430-550	350-450	430-550	126-176
Dimension [W x H x D, mm]	744 x 692 x 206	744 x 907 x 206	744 x 907 x 206	744 x 907 x 206	452 x 511 x 240
Weight [kg]	75	87	97	99.8	82
Enclosure Protection Rating	IP55				IP55
Communication	RS485	CAN2.0B	RS485	CAN2.0B	CAN2.0B
Certificates	Cell	UL1642			UL1642
	Product	TUV (IEC 62619) / CE / FCC / RCM	TUV (IEC 62619) / CE / RCM	UL1973 / TUV (IEC 62619) / CE / FCC / RCM	IEC 62619 / IEC 60950(LVD) / CE

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 battery cell only

• Noise Level : < 40dBA

• Compatible Inverter Brands (More brands to be added)

- 400V : SMA, SolarEdge, Fronius, Huawei

- Modular : SMA