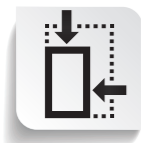


RESU3.3



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.



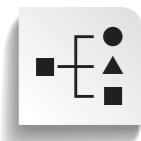
Powerful Performance

The new RESU series features industry-leading continuous power (3.0kW for RESU3.3) and DC round-trip efficiency (95%). LG Chem's L&S (Lamination & Stacking) technology provides durability ensuring 80% of capacity retention after 10 years.



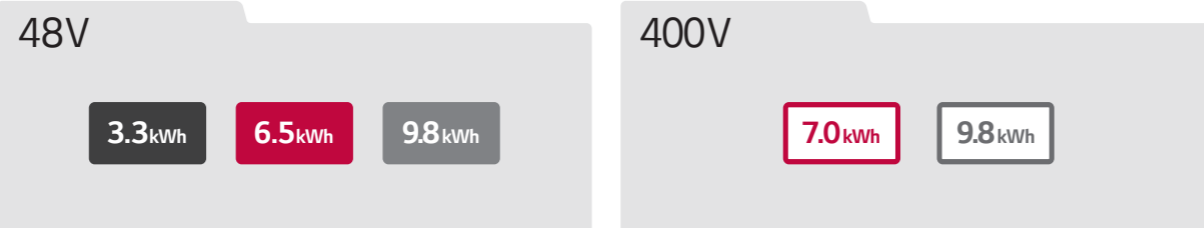
Proven Safety

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.



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.



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



New RESU Series

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
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	UL1973 / TUV (IEC 62619) / CE / FCC / RCM	

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)

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