### 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.



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RESU

#### Change Your Energy, Charge Your Life



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, Ingeteam, GoodWe, Redback, Victron Energy (As of 3Q. 2016, More brands to be added)



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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

		DECUTU	DECU	4.011	
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 × 907 × 206		
Weight [kg]		76	97	99.8	
Enclosure Protection Rating		IP55			
Communication		RS485	RS485	CAN 2.0 B	
Certificates	Cell	UL 1642			
	Product	TUV (ICE 62619) / CE	TUV (IEC 62619) / UL1973 / CE		

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