



Put  
your energy worries  
to rest!

## More energy independence for longer

### Smart solutions for energy storage RESU 6.4 EX

LG Chem's RESU 6.4 EX with 144Wh/l brings storage solutions to Australia at an affordable price and a top class quality



#### Compact Size & Light Weight

The increase in power density, from 36Wh/l to 144Wh/l, enabled an ultra-compact, ultra-lightweight battery to be designed. The compact size makes the RESU 6.4 EX easy to handle



#### Expandable System

The RESU 6.4.EX allows for expansion with two 3.2Wh modules so you can have a 6.4 Wh or 9,6 or even 12.8Wh system. With such flexibility it is a great solution for households of many sizes.



#### Installation Friendly

The RESU 6.4 EX can be installed indoors and the unit can be mounted on sturdy walls easily

## Technical Specification



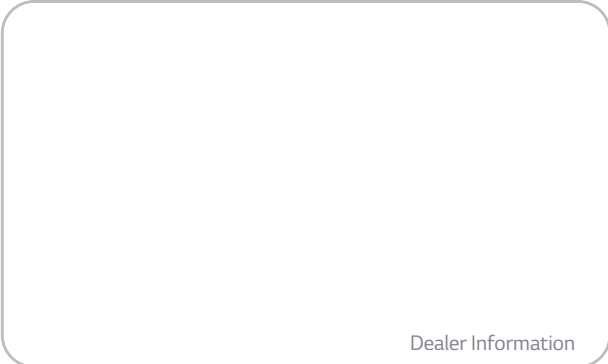
Item	Description	
	Main Pack	Expansion Pack
Nominal Energy	6.4 kWh	3.2 kWh
Nominal Capacity (CC/CV Mode, Cut-off : 0.05C)	126 Ah	63 Ah
Dimension (Width x Height x Depth)	406 x 664 x165 mm	230 x 664 x165 mm
Weight	60 kg	30 kg
Max Discharge Current	110 A	
Nominal Voltage (DC)	51.8 V	
Voltage Range (DC)	45.2 V ~ 58.1 V	
Nominal Discharge Current	0.3C	
Nominal Charge Current	0.3C	
Peak Power (25 °C /77 °F)	5 kW	
Faradic Charge Efficiency (25 °C /77 °F)	99 %	
Battery Roundtrip Efficiency (C/3, 25 °C /77 °F)	95 %	
Expected Lifetime (25 °C /+77 °F)	> 10 years	
Cycle life (90% DOD, 25 °C /+77 °F)	> 6,000 cycle	
Available Operating Temperature	0 ~ 40 °C	
Optimal Operating Temperature	15 ~ 30 °C	
Storage Temperature	-30 ~ 50 °C	
Cooling	Natural Convection	
Interface	CAN, CANopen Communication	
Certification	Cell Safety	IEC 62133
	Pack Safety	IEC 62619
	United Nation Class	UN 3480
	Hazard Classification	Class 9
	Transportation Regulation Compliance	UN 38.3
	Protection Class	IP 21



**Energy Solution Company**  
**ESS Business Division**

LG Twin Towers,  
 128, Yeouidaero, Yeongdeungpo-gu, Seoul 150-721, Korea

Changhwan Choi, Manager  
 Tel. : 82-2-3773-3258  
 e-mail : cchoi@lgchem.com



Dealer Information