



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 Pak	Expansion Pak
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 x 165 mm	230 x 664 x 165 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



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Dealer Information