



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	



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