



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.

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





Technical Specification

ltem	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 ℃/77°F)	5 kW	
Faradic Charge Efficiency (25 $^{\circ}\mathrm{C}/77^{\circ}\mathrm{F})$	99 %	
Battery Roundtrip Efficiency (C/3, 25 $^{\circ}\text{C}/77^{\circ}\text{F})$	95 %	
Expected Lifetime (25 $^{\circ}$ C/+77 $^{\circ}$ F)	> 10 years	
Cycle life (90% DOD, 25 $^{\circ}$ C/+77 $^{\circ}$ F)	> 6,000 cycle	
Available Operating Temperature	0 ~ 40 ℃	
Optimal Operating Temperature	15 ~ 30 ℃	
Storage Temperature	-30 ~ 50 ℃	
Cooling	Natural Convection	
Interface	CAN, CANopen Communication	
Cell Safety	IEC 62133	
Pack Safety	IEC 62619	
United Nation Class	UN 3480 Class 9 UN 38.3 IP 21	
Hazard Classification		
Transportation Regulation Compliance		
Protection Class		



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