

RESU[®]

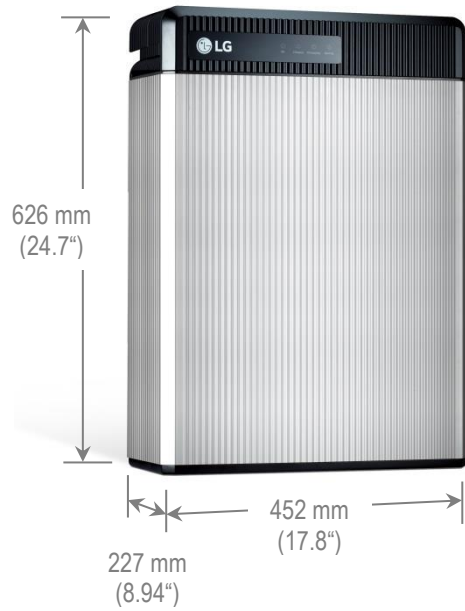
Data sheet for RESU13

Product Information

Dimensions and weight

RESU13	
P/N	EH048252P3S1
Width	452 mm (17.8“)
Height	626 mm (24.7“)
Depth	227 mm (8.94“)
Weight¹⁾	98.5kg(217.2lbs)

1) A battery pack's weight varies slightly.



Product Information

Performance

RESU13

Electrical Characteristics

Nominal voltage	51.8 V
Operating voltage	42~58.8 V
Nominal Capacity	252 Ah
Total Energy	13.048kWh
Maximum power	5kW
Peak power for 3 seconds	7kWp
Peak power for backup mode	11kW for 3sec
Peak current for 3 seconds	166.7 A
Maximum current	119 A
Standard Charge current	75.6 A
Standard Discharge current	75.6 A
Faradic charge efficiency(25°C/77°F)	99%
Battery round-trip efficiency (C/3, 25°C/77°F)	95%
Expected lifetime at 25°C/77°F	More than 10 years
Communication Interface	CAN 2.0 B
DC Disconnect	Circuit Breaker
Connection Method	Spring Type Connector
User interface	LEDs for Normal and Fault operation

Operating Conditions

Installation Location	Indoor / Outdoor (Stand / Wall-Mounted)
Operating Temperature	14 to 122°F (-10 to 50°C)
Operating Temperature (Recommended)	59 to 86°F (15 to 30°C)
Storage Temperature	-22 to 140°F (-30 to 60°C) : ~ 7 day -4 to 113°F(-20 to 45°C) : ~6 month
Humidity	5% to 95%
Altitude	Max. 6,562ft (2,000m)
Cooling Strategy	Natural Convection

Certification

Safety	Cell Battery Pack	UL1642 CE / RCM / TUV(IEC 62619)
Emissions		IEC61000-6-1 , IEC61000-6-3
Hazardous Materials Classification		Class 9
Transportation		UN38.3
Ingress Rating		IP55

※ Test Conditions - Temperature 25°C, at the beginning of life.

1) Value for Battery Cell Only(Depth of Discharge 95%).

2) Peak Current excludes repeated short duration(less than 3 sec. of current pattern).