

RESU[®]

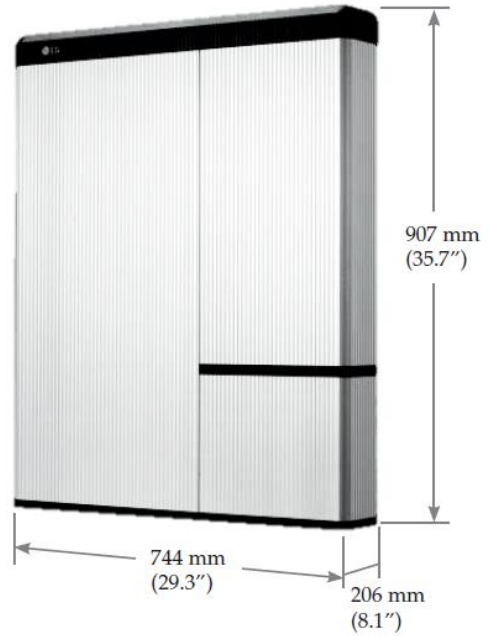
Data sheet for RESU7H

Product Information

Dimensions and weight

RESU7H	
P/N	EH111063P3S3
Width	744 mm (29.3“)
Height	907 mm (35.7“)
Depth	206 mm (8.1“)
Weight¹⁾	87kg(191.8lbs)

1) A battery pack's weight varies slightly.



Product Information

Performance

RESU7H

Electrical Characteristics

Total Energy Capacity		7kWh@25°C (77°F), 100% SOE
Usable Energy Capacity ¹⁾		6.6kWh
Battery Capacity		63 Ah
Voltage Range	Charge	468 to 550 VDC
	Discharge	430 to 507 VDC
Absolute Max. Voltage		570VDC
Max. Charge/Discharge Current		7.5A@467V / 8.1A@427V
Max. Charge/Discharge Power ²⁾		3.5kW
Peak Power ³⁾ (only discharging)		5kW for 10 sec.
Peak Current (only discharging)		11.6A@430V for 10 sec.
Communication Interface		CAN
DC Disconnect		Circuit Breaker
Connection Method		Spring Type Connector
User interface		LEDs for Normal and Fault operation

Operating Conditions

Installation Location	Indoor / Outdoor (Wall-Mounted)
Operating Temperature	14 to 113°F (-10 to 45°C)
Operating Temperature (Recommended)	59 to 86°F (15 to 30°C)
Storage Temperature	-22 to 131°F (-30 to 55°C)
Humidity	5% to 95%
Altitude	Max. 6,562ft (2,000m)
Cooling Strategy	Natural Convection

Certification

Safety	Cell	UL1642
	Battery Pack	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) LG Chem recommends 2.1kW for maximum battery lifetime.

3) Peak Current excludes repeated short duration(less than 10 sec. of current pattern).