

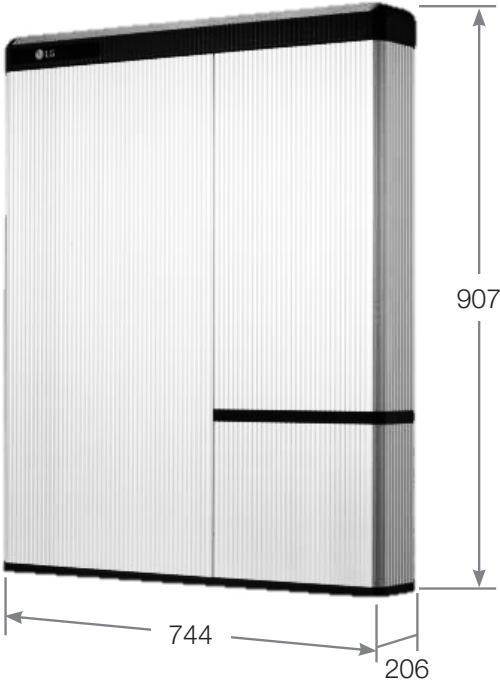
2 Product Introduction

2.1 Technical data

2.1.1 Dimensions and weight

RESU10H	
P/N	EVEBPBO0100A0
Width	744 mm (29.3")
Height	907 mm (35.7")
Depth	206 mm (8.1")
Weight ¹⁾	99.8 kg (220 lbs)

1) A battery pack's weight varies slightly.



2.1.2 Performance

RESU10H

Electrical Characteristics		
Total Energy Capacity ¹⁾		9.8 kWh@25°C (77°F), 100% SOE
Usable Energy Capacity ¹⁾		9.3kWh
Battery Capacity		63 Ah
Voltage Range	Charge	468 to 550 V _{DC}
	Discharge	430 to 507 V _{DC}
Absolute Max. Voltage		570V _{DC}
Max. Charge/Discharge Current		10.7A@467V / 11.7A@427V
Max. Charge/Discharge Power ²⁾		5kW
Peak Power ³⁾ (only discharging)		7kW for 10 sec.
Peak Current (only discharging)		16.3A@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	UL1973 / CE / RCM / TUV(IEC 62619)
Emissions		FCC
Hazardous Materials Classification		Class 9
Transportation		UN38.3 (UNDOT)
Ingress Rating		IP55

※ Test Conditions - Temperature 25°C

1) Values for Battery only.

2) LG Chem recommends 3.3kW for maximizing battery lifetime.

3) Peak Current excludes repeated short duration(less than 5 sec. of current pattern).