

## Data sheet for RESU10H type-C





### Product Specification (1/2)

2018.August

### RESU10H type-C

Electrical Characteristics		
Total Energy Capacity <sup>1)</sup>		9.8 kWh @25°C (77°F), Beginning of Life
Usable Energy Capacity <sup>1)</sup>		9.3 kWh @25℃ (77°F)
Battery Capacity		63 Ah
Voltage Range	Charge Discharge	468 to 550 V <sub>DC</sub> 430 to 507 V <sub>DC</sub>
Absolute Max. Voltage		570 V <sub>DC</sub>
Max. Charge/Discharge Current		10.7A@467V / 11.7A@427V
Max. Charge/Discharge Power <sup>2)</sup>		5kW
Peak Power (only discharging) <sup>3)</sup>		7kW for 10 sec.
Peak Current (only discharging)		16.3A@430V for 10 sec.
Communication Interface		CAN
DC Disconnect		Circuit Breaker, 25A, 600V rating
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
Noise Emission	< 40 dBA

#### Certification

Safety	Cell	UL1642
Salety	Battery Pack	UL1973 / CE / RCM / TUV (IEC 62619)
Emissions		FCC
Hazardous Materials Classification		Class 9
Transportation		UN38.3 (UNDOT)
Ingress Rating		NEMA 3R / IP55

% Test Conditions - Temperature 25°C, at the beginning of life
% Total Energy is measured under specific condition from LGC(0.3CCCV/0.3CC)

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

2) LG Chem recommends 3.3kW for maximum battery lifetime

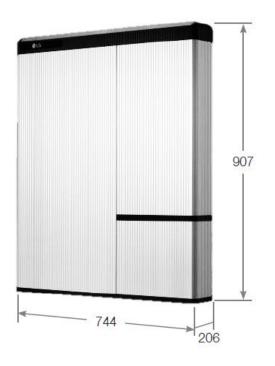
3) Peak Current excludes repeated short duration (less than 10 sec. of current pattern).

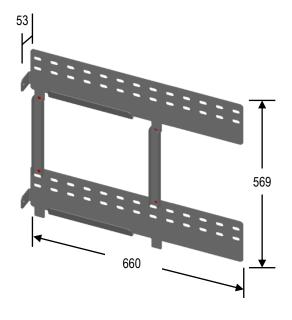


# Product Specification (2/2)

2018.August

Mechanical Characteristics				
	Width	744 mm (29.3")		
Dimensions	Height	907 mm (35.7")		
	Depth	206 mm ( 8.1")		
Weight		97 kg (214lbs)		





Solution Partner



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