

## 5.1 Technical Data

▪ Silver



▪ Silver\_ Back



▪ Champaign Gold



## Mechanical Characteristics

Model	RESU10H	
Width	744 mm	
Height	907 mm	
Depth	205.7 mm	
Weight	98kg	101kg

## Electrical Characteristics

Total Energy Capacity	9.8 kWh		
Usable Energy Capacity	9.3kWh		
Battery Capacity	63Ah		
Inverter Interface Voltage Range	350~450V <sub>DC</sub>	385~550V <sub>DC</sub>	
Charge/Discharge current	Continuous	12.6A / 14.3A	10.6A / 11.6A
	Peak	14.3A	16.3A
Max. Charge/Discharge Power <sup>1)</sup>	5kW		
Peak Power	7kW for 10 sec.		
Battery Pack Round-Trip Efficiency	>90% (under specific condition)		
Communication Interface	RS485	CAN	
DC Disconnect	Circuit Breaker (600V, 25A)		
Connection Method	Spring Type Connector		

※ Test Conditions  
 - Temperature : 25°C

1) LG Chem recommends 3.3kW for maximum battery lifetime

2) CB : Circuit Breaker

Operating Conditions	
Installation Location	Indoor(Wall-Mounted) / Outdoor
Operating Temperature	-10~45°C (14~113°F)
Operating Temperature (Recommended)	15~30°C (59~86°F)
Storage Temperature	-30~60°C (-22~140°F)
Humidity	5%~95%
Altitude	Max. 2,000m
Cooling Strategy	Natural Convection

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