

Product Specification(1/2)

Ver 5.1

Electrical Characteristics

		S10	S14	S17
Usable Energy ¹⁾ @77°F(25°C)		10.6kWh	14.1kWh	17.7kWh
Voltage Range	Charge	420~450Vdc		
	Discharge	350~410Vdc		
Max. Current		20A		
Max. Charge/Discharge Power		5 kW	6 kW	7 kW
Peak Power ²⁾		7 kW	9 kW	11 kW
Communication Interface		RS485/CAN		
DC Protection		Circuit Breaker, Fuse, DCDC converter		
Connection Method		Spring Type Connector		
User interface		LEDs for Normal and Fault operation		
Protection Features		Over Voltage / Over Current / short circuit		
Scalability (Energy, Max. Charge/Discharge Power)		Max. 2 in parallel		

Operating Conditions

Installation Location		Indoor / Outdoor
Installation Type		Floor Standing / Wall Mount
Operating Temperature	Charge	14 ~ 122°F (-10 ~ 50°C)
	Discharge	-4 ~ 122°F (-20 ~ 50°C)
Operating Temperature (Recommended)		59 ~ 86°F (15 ~ 30°C)
Storage Temperature (At shipping state)		-22 to 140°F (-30 to 60°C), acceptable for 7 days in total -4 to 113°F (-20 to 45°C), acceptable for the first 6 months -4 to 86°F (-20 to 30°C), acceptable for 7th month~12th month
Humidity		5%~95%
Altitude		Max. 6,562ft (2,000m)
Cooling Strategy		Natural Convection

Certification & Reliability

Safety	Cell	UL1973 Annex E, IEC62619
	Battery Pack	CE,RCM,UL1973, IEC62619, UL9540A
EMC		FCC
Transportation		UN38.3 (UNDOT)
Hazardous Materials Classification		Class 9
Ingress Rating		IP55 (Category2)

※ Test Conditions - Temperature 77°F (25°C), at the beginning of life

※ Usable Energy is measured under specific condition from LGES(0.3CCCV/0.3CC)

※ Product specification may change without notice

1) DOD 100%

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

Product Specification(2/2)

Ver 5.1

Mechanical Characteristics

		S10	S14	S17
Image				
Dimensions	Width	535mm (21.1")		
	Height	854mm (33.6")	1,050mm (41.3")	1,246mm (49")
	Depth	351mm (13.8")		
Weight		121 kg (266.5lb)	156 kg (343.6lb)	191 kg (420.7lb)

Mechanical Characteristics (BMA, BCU)

Name	BCU		BMA	
Image	234mm (9.2") 535mm (21.1") 351mm (13.8")	196mm (7.7") 535mm (21.1") 351mm (13.8")		
Weight	14 kg (30.8lb)		35 kg (77.1lb)	

※ Bottom plate Assy - 1) Dimensions(Height) : 32mm(1.3") 2) Weight: 2kg(4.4lb)

Available Accessory

Name	Wall-mounted Bracket	Base Bracket
Image		



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