

Electrial Characteristics

Total Energy Capacity	10.3 kWh
Usable Energy Capacity	10 kWh
Battery Capacity	202Ah
Voltage Range	44.8 to 58.4 V DC
Nominal Voltage	51.2 V DC
Charge/Discharge Current	100Ah
Max. Charge/Discharge Power ³⁾	5kWh
Battery Pack Round-Trip Efficiency	>95% (under specific condition)
Communication Interface	CAN 2.0B, RS232, RS485
DC Disconnect	Circuit Breaker, Contactor, Fuse

Operating Condition

Installation Location	Indoor / Outdoor (Wall-mounted / Floor Standing)
Operating Temperature	-10 to 50°C
Operating Temperature (Recommended)	15 to 30°C
Storage Temperature	-30 to 60°C : acceptable for 7 days in total -20 to 45°C : acceptable for the first 6 months -20 to 30°C : acceptable for 7th ~12th month
Humidity	5% to 95%
Altitude	Max.2,000 m
Cooling Strategy	Natural Convection

Certification

Safety	Cell	UL1642
	Battery Pack	IEC62619 / IEC60950(LVD) / CE
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

※ Total Energy is measured under specific condition from LC (0.3CCCV/0.3CC)