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Photo



Advantage

- Low temperature discharge
- Fast charge
- High energy density
- Reasonable design
- maximum use of limited space
- Longer service life
- Less weight
- High rigidity

Specification

Nominal Capacity		177Ah@0.33C Discharging
Nominal Voltage		14.80V@0.33C Discharging
Operating voltage(V)	0°C < T ≤ 55°C	11.2~17.4
	-20°C < T ≤ 0°C	10.0~17.4
	T ≤ -20°C	8.4~17.2
Module total energy(0.33C,2.8V~4.3V,25°C)		≥2619.60Wh
Configuration		1P4S
Coulombic efficiency (@25°C, 1C charge to 4.3V,0.05C charge to single cell 4.3V, standing by to target temperature, then 1C discharge)	-30°C	80%
	-20°C	84%
	0°C	89%
	10°C	94%
	45°C	105%
	60°C	110%
Module self discharge rate(60%SoC shipment @25°C)		<1%(1st month)
SOC operating window range		5%~95%
Module	Charging Current	1C continuous(≤80%SOC)
	Discharging Current	1.5C continuous/500A(10S≥15%SOC,25°C)
Operation Temperature	Charging	-20°C ~ 55°C
	Discharging	-30°C ~ 55°C
Operation Altitude		Up to 3000 meters
Temperature sensor		2pcs NTC, 10kΩ
Weight(Kg)		11.7 ± 0.3
Size(mm)		355.0*151.5*108.5
Module energy density		230Wh/Kg
Module cycle life		≥2000(0.5C/1C,5%~95%DOD,25°C)
Certification		UN38.3

Application

Ideal for Electric Vehicles.