

**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		139Ah@0.33C Discharging
Nominal Voltage		44.76V@0.33C Discharging
Operating voltage(V)	0°C < T ≤ 55°C	33.6~52.2
	-20°C < T ≤ 0°C	30.0~52.2
	T ≤ -20°C	25.2~51.6
Module total energy(0.33C,2.8V~4.3V,25°C)		≥6221.64Wh
Configuration		1P12S
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
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)		30.5 ± 0.3
Size(mm)		590.0*223.5*109.0
Module energy density		205Wh/Kg
Module cycle life		≥2000(0.5C/1C,100%DOD,25°C)

**Application**

Ideal for Electric Vehicles.