

**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  |                     | 5.5Ah@0.33C Discharging            |
| Nominal Voltage   |                     | 88.80V@0.33C Discharging           |
| Operating voltage(V)  | 0°C < T ≤ 55°C      | 67.2~103.2                         |
|   | -20°C < T ≤ 0°C     | 60.0~103.2                         |
|   | -30°C < T ≤ -20°C   | 50.4~102.0                         |
| Module total energy(0.33C,2.8V~4.35V,25°C)  |                     | ≥488.4Wh                           |
| Configuration   |                     | 1P24S                              |
| Coulombic efficiency<br>(@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    | 150A(≤70%SOC,10s@25°C)             |
|   | Discharging Current | 320A(≥50%SOC,10s@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)  |                     | 5.6 ± 0.3                          |
| Size(mm)  |                     | 367*123.4*81mm                     |
| Module energy density   |                     | 84Wh/Kg                            |
| Module cycle life   |                     | 28000 cycles(3C/3C,30~70%SOC@25°C) |

**Application**

Ideal for Hybrid Electric Vehicles.