

# Delta Lithium-ion Cell

## High Capacity

### Delta P140-185

#### High Energy and High Power Cell Ideal for Energy Storage and Power Stabilization Applications

The Delta P140 is a 3.7V/ 50Ah high capacity, rechargeable Lithium-ion cell. P140 is designed with a superior balance between power and energy density. Its performance has been proven in Japan, UK, EU, China and USA for the applications of renewable energy storage system of wind power and solar, DC backup power, electric bus, etc.

The P140 cell demonstrates the advantages of fast charging, great reliability and long service life. It is an excellent energy source providing significant TCO (Total Cost of Ownership) saving.



#### Special Features

##### Prismatic Cell Format

- Heat release advantage
- Effective pack placement

##### Laser welding AL Can

- Long life advantage
- Robust sealing structure & quality

##### Stacking Structure

- Long life advantage
- High power advantage
- Electrode design flexibility

Certification: UL1642, UN38.3

Order P/N: P140-185-02NN

#### Product Specification

Nominal Voltage	3.7 V ( NMC Chemistry)
Nominal Capacity	50 Ah
Nominal Energy	185 Wh
Energy Density	283 Wh/L 132 Wh/Kg
Dimension (mm)	110 (W)x 38 (D)x 166 (H)
Weight	1.4 Kg
Certifications	UL1642, UN38.3, JIS C 8715-2
Operating Temperature	Charge +55°C Discharge: -20°C to +55°C

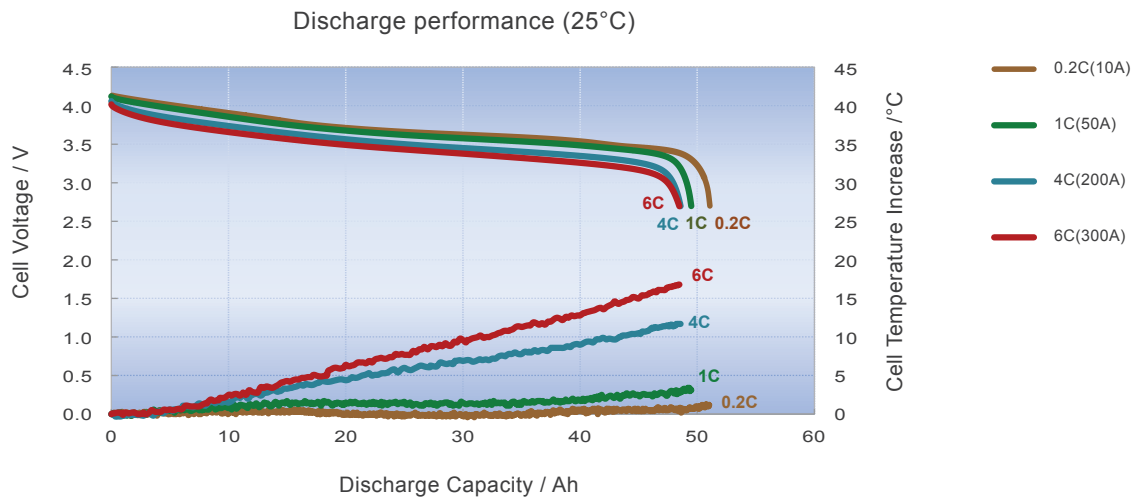


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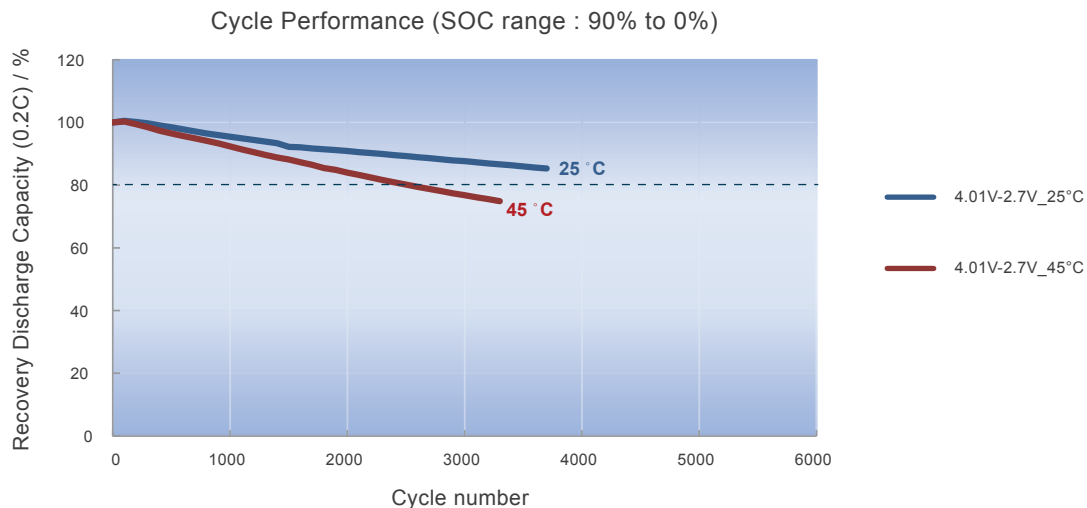
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### Delta P140-185

#### Ability to deliver high power delivery



#### Ability to last > 4,000 cycle operation



\* Information in this document is typical performance and may be subject to change without notice.