

Delta Lithium-ion Battery

High Capacity

Delta P140-222-5

High Power and Long Storage Life
Ideal for UPS, Telecom Application

The Delta P140 is a 3.7V/ 60Ah high power, 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.



*Product outlook subject to change without notice

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

IEC-62619, 62660-3, UN 38.3

Compliant to UL1973, JIS C 8715-2

Product Specification

Nominal Voltage	3.7 V (NCM Chemistry)
Capacity	Typical 60 Ah @0.2C-rate Rated 57Ah @0.2C-rate
Nominal Energy	222Wh
Energy Density	153 Wh/kg 339 Wh/L
Maximum Charge Current	Continuous 114A @ 25° C Instant 285A, Less than 10sec
Maximum Discharge Current	Continuous 114A Short time 228A, Less than 120sec Instant_285A, Less 10sec
Internal Resistance	AC IR Less than 0.65mΩ
Dimension (mm)	110 (W)x 38 (D)x 155.6 (H) *1
Weight	1.4 Kg± 100g
Certifications	IEC-62619, 62660-3, UN 38.3 Compliant to UL1973, JIS C 8715-2
Operating Temperature	Charge: 0°C to +55°C Discharge: -20°C to +55°C
Storage Temperature	-30°C~+40°C

*1) Not included the handling ear

Order P/N: P140-222-52NN

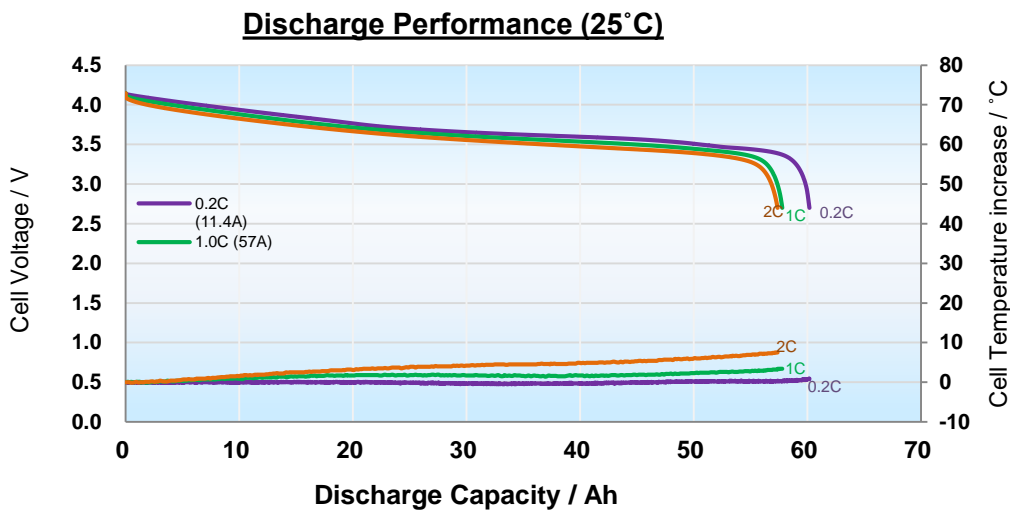
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Performance

- Ability to deliver energy with high power out put



- Ability to charge with high power input

