

Delta Lithium-ion Battery System Outdoor Cabinet

The Lithium ion battery system provide a high value/efficiency, innovative, long life and reliable solution to be used for energy storage in commercial and industrial applications.

Special Features

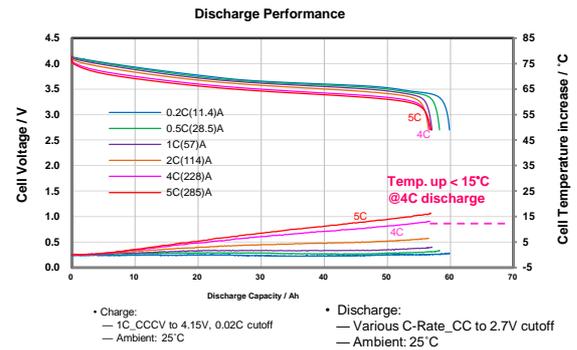
- ❑ IP55 grade cabinet is suitable for outdoor environment
- ❑ High power charging/discharging capability to keep the micro-grid stability
- ❑ Small foot print and high energy density
- ❑ Built-in HVAC to manage the temperature and humidity inside the cabinet
- ❑ Double life and less maintenance requirement to compare with traditional batteries.
- ❑ Modbus or CANbus protocol available for EMS integration to monitoring remotely



Delta P140 NCM Cell



- High power
- Long life prismatic cell
- High capacity 60Ah
- Nominal voltage 3.7V



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

Product Specification

Characteristic	Cabinet	
Cell Configuration	224S1P	Cell: P140-222-5
Installation Capacity	49.73kWh	
Nominal Voltage	828.8Vdc	max. 929.6- min. 672.0
Charging Method	CC/CP	
Charging Cut-off voltage	907.2V	Suggestion
Standard Charging Current	100A	
Discharging Method	CC/CP	
Discharging Cut-off voltage	739.2V	Suggestion
Standard Discharging Current	200A	
Communication Interface (Internal)	CAN 2.0B (11 bit 500K bps)	
Communication Interface(External)	CAN 2.0B, RS485(optional), Dry Contact	
Cycle life	≥4,000 cycles*1	
Operating environment	0°C ~ +45°C(Charge) -15°C ~ +45°C(Discharge)	

*1) SOC range is 90% to 10%. SOC means "State Of Charge".

Front Side

Back Side



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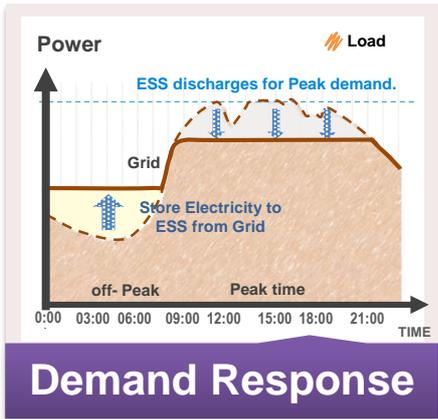
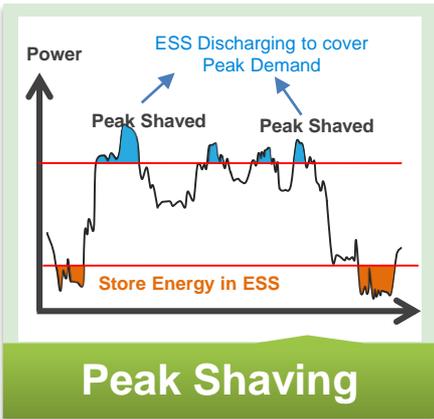
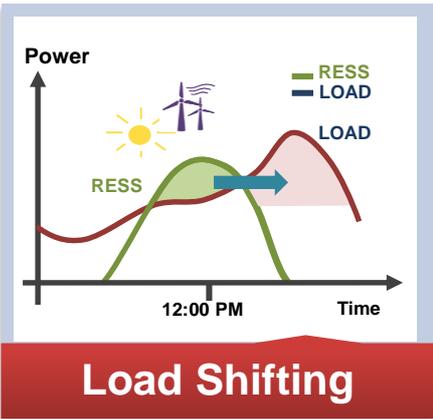


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Application



Market Segment

Public Space

- Airport, Railway Station



Micro Grid

- Residential Community



Commercial

- Shopping Mall
- Commercial Building



Industry

- Factory / Production Line



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