Delta Lithium-ion Battery Energy Storage Container

- Grid Level Energy Storage Container to Support MW Power
- Comprehensive System Design as Turnkey Solution
- High DC Voltage (700V~900V) with High Efficiency
- Safe Installation and Fast Commissioning
- Long Service Life & Easy Maintenance
- Utility Scale Proven Record

Product Specification

<table>
<thead>
<tr>
<th></th>
<th>20ft Container</th>
<th>40ft Container</th>
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</thead>
<tbody>
<tr>
<td>Maximum Capacity</td>
<td>478.6KWh</td>
<td>1.436MWh</td>
</tr>
<tr>
<td></td>
<td>547.0KWh</td>
<td>1.641MWh</td>
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<tr>
<td>Maximum Power</td>
<td>1MW</td>
<td>2MW</td>
</tr>
<tr>
<td>System DC Voltage</td>
<td>647 Vdc ~ 804 Vdc</td>
<td>716 Vdc ~ 918 Vdc</td>
</tr>
<tr>
<td>System Contents</td>
<td>Battery Cabinet</td>
<td>Electrical Distribution Panel</td>
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<td></td>
<td>Battery Management System</td>
<td>HVAC system</td>
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<td></td>
<td>Fire Extinguish System</td>
<td>System Controller</td>
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</tbody>
</table>

Flexible Capacity Design

Custom design available with standard unit: Energy Storage Cabinet

Voltage

20 ft Container | 40 ft container | Containers in Parallel

Flexible Capacity Expansion

- 400 kWh
- 1 MWh
- ~MWh

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**Application**

**Renewable Energy Utilization**
- Smoothing
- Time Shifting
- Maximum Availability

**Support Ancillary Service for Grid**
- Frequency Regulation
- PV/Wind Smoothing
- Spinning Reserve

**Smart Energy for Off-grid Sites**
To optimize power utilization and lower fuel energy cost
- Oil Drilling Site
- Mining Site

**Micro Grid Energy Storage**
Energy storage support for communities, remote sites & islands, universities, hospitals, shopping centers, etc.

**Real Cases**

4.6 MWp distributed Solar Power System with energy storage system for PV smoothing in AKO, Japan.

500kW/362kWh Container Type ESS

ESS in Delta Taoyuan Plant V for demand response operation.

250kW/1MWh Container Type ESS

…….. Delta’s energy solution can support your business.

Delta Electronics, Inc.
Energy Storage Device BD
EMail: ESDBD@deltaww.com
www.deltaww.com

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