



## Product Features

- Ultra-high functional density to fulfil the requirement of megawatt power output.
- With the Intelligent air/liquid cooling thermal management system, the temperature variation inside the box is less than 5°C.
- Enhance the penetration rate of photovoltaic power station.
- Packaged transportation, quick installation.
- Active fire protection system, C3 anti-corrosion level, up to 25 yrs lifespan.
- Up to 5000m high altitude design, available for large scale energy storage applications.

## TECHNICAL SPECIFICATIONS

|                               |   |                  |                  |
|-------------------------------|---|------------------|------------------|
| Container Specifications      | 20ft  | 20ft             | 20ft             |
| Rated voltage                 | 1000V   | 1500V            | 1500V            |
| Cell type                     | LFP   |                  |                  |
| Configuration                 | 1P240S  | 1P400S           | 1P416S           |
| No. of Cell Clusters          | 8   | 6                | 9                |
| Rated Voltage                 | 768V  | 1280V            | 1331.2V          |
| Voltage Range                 | 672~840V  | 1120~1400V       | 1164.8~1456V     |
| Rated Capacity                | 2240Ah  | 1680Ah           | 2520Ah           |
| Rated Power                   | 1.72MWh   | 2.15MWh          | 3.354MWh         |
| Charge/discharge rate         | 0.5C  |                  |                  |
| Charge/discharge current      | 1120A   | 840A             | 1260A            |
| Charging temperature range    | 0 ~ 50°C  |                  |                  |
| Discharging temperature range | -20 ~ 50°C  |                  |                  |
| Cooling method                | Forced air  | Forced air       | liquid-cooling   |
| Humidity                      | ≤95%RH (non-condensing)                               |                  |                  |
| Working Altitude              | 4000m (> 4500m derating)                              |                  |                  |
| Protection level              | IP54  |                  |                  |
| Anti-corrosion level          | C3  |                  |                  |
| Fire protection               | HFC227ea/ perfluorohexanone fire extinguishing device |                  |                  |
| Dimensions                    | 6058*2438*2591mm                                      | 6058*2438*3015mm | 6058*2600*2896mm |
| Product weight                | 19T   | 23T              | 28T              |