

# PowerMod

## Liquid-cooling Energy Storage Container



### Superb safety

- Triple fire protection measures guarantee early detection, accurate spraying, and rapid fire suppression throughout the entire process.
- Big data intelligent fire monitoring system features panoramic surveillance and fire risk warning; risks spotted in advance, and rapid response taken across the system.



### High economic efficiency

- 314Ah/315Ah LFP cells with high energy density and prolonged cycle life realize a cost reduction per kWh of 30%.
- Perfectly sized for cost-effective and efficient operation; an ideal choice for small to medium projects.



### Increasing flexibility

- 10-foot container for flexible transport and rapid deployment.
- Multiple capacity options with on-demand expansion for precise investment.

| Product Model                     | PowerMod-1600  | PowerMod-2000 | PowerMod-2500 |
|-----------------------------------|--|---------------|---------------|
| <b>Cell parameters</b>            |  |               |               |
| Cell type                         | LFP  |               |               |
| Cell capacity                     | 314Ah/315Ah  |               |               |
| <b>Pack parameters</b>            |  |               |               |
| Cell configuration                | 1P104S   |               |               |
| Pack rated voltage                | 332.8V   |               |               |
| Pack rated energy                 | 104.499kWh/104.832kWh  |               |               |
| <b>Rack parameters</b>            |  |               |               |
| Cell configuration                | 1P416S   |               |               |
| Pack quantity                     | 4  |               |               |
| Rack rated energy                 | 417.996kWh/419.328kWh  |               |               |
| <b>System parameters</b>          |  |               |               |
| Cell configuration                | 4P416S   | 5P416S        | 6P416S        |
| Rated energy (BOL) at DC side     | 1671kWh  | 2089kWh       | 2507kWh       |
| Voltage range                     | 1164.8Vdc~1476.8Vdc  |               |               |
| Rate for charging and discharging | ≤0.5P  |               |               |
| Dimensions (W*H*D)                | 3360mm * 2896mm * 2438mm   |               |               |
| Weight                            | 17400kg  | 20110kg       | 22790kg       |
| Level of protection               | IP55   |               |               |
| Anti-corrosion grade              | C4/C5  |               |               |
| Operating ambient humidity        | 0%~95% (non-condensing)  |               |               |
| Operating ambient temperature     | -20°C~55°C   |               |               |
| Max. operating altitude           | 4000m  |               |               |
| Cooling method                    | Liquid-cooling   |               |               |
| Fire protection/safety features   | Aerosol + combustible gas detection + ventilation + water extinguishing system |               |               |
| Communication interface           | LAN  |               |               |
| Communication protocol            | Modbus TCP   |               |               |
| Certification                     | IEC62619, IEC63056, IEC62477, EN IEC61000, UL1973, UL9540A, UN38.3             |               |               |