



**Building  
the future society  
together**



**Building the future  
society together**



**BESTpower**  **solutions**

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**BESTpower**  **solutions**

**2006**  
Lithium battery equipment company founded

**2016**  
Successful development of the fifth generation large cylindrical battery

**2023**  
2GWh production of Energy Storage System

**2012**

- Successful development of the first generation, large cylindrical battery
- The first to launch an intelligent production line solution for lithium batteries in the industry

**2021**

- Energy Storage Business Unit founded
- Professional research and development team for Energy Manage System established
- Long-term strategic cooperation agreement with market leading customers

## Core Strengths

### High Quality Products

#### Each cell is protected

The CCS module provides real-time monitoring of individual cell status. In emergency situations, the fuse can be quickly cut to interrupt the current. Additionally, aerosol thermal insulation material is placed between the battery cells to ensure the safety of each cell.

#### Quality is ensured

In the pursuit of ultimate product performance, we exclusively select Grade A lithium iron phosphate battery cells with IEC, UL certificates, and global top-tier component suppliers, all produced under the ISO 9001 quality management system.

#### Smart Energy

Best Power Solutions has established a research and development team of over 35 professionals dedicated to the development of EMS/BMS. This team is committed to providing users with comprehensive systems that encompass both cloud-based software and physical hardware components.

#### Intelligent Software

- Stay informed about the battery's operation and system status at any time
- Enjoy the benefits of smart home appliances
- VPP (Virtual Power Plant) smart energy scheduling
- Remote management and upgrades

#### Stable Hardware

- Local responses are more immediate and efficient, enabling precise energy scheduling
- Seamlessly integrated cloud-to-edge communication design
- Cloud-based supervision and backup, with real-time synchronization of algorithms and strategies
- Functions independently at the individual cell level, unaffected by cloud platform network interruptions
- Automatically performs local monitoring, data surveillance, strategy execution, and security protection

#### Global Logistics Networks and Services

##### Pre-sale

- Technical Consultation and Advice
- Deeply Customized Solutions
- Co-building Service Networks with Clients / Partners
- Remote Guidance and On-Site Training

##### After-sales

- Warranty period follow-up and maintenance service
- Remote free software update
- Closed-Loop spare parts and product warehousing, logistics, and recycling

#### CESC Intelligent Operation

- Digital energy cloud platform
- Coordinated energy management, virtual power plant
- Contract energy management, intelligent operation and maintenance

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### Mercury 233

Nominal Power	233kWh
Cooling Method	Liquid Cooling
Cycle Life	≥6000
Level of Protection	IP54
Dimension [w*h*d]	1406*2300*1350 mm
System Efficiency	>87%
Rated Power	100kW
Rated AC Voltage	AC400V

### Neptune 3380

Nominal Power	3.38MWh
Cooling Method	Liquid Cooling
Cycle Life	≥6000
Level of Protection	IP54
Dimension [w*h*d]	6058*2896*2438 mm
Rated Voltage	1267VDC
Total Weight	About 37T
Operating Temperature	10°C~45°C
Operating Humidity	5%~95%



### Neptune 5000

Nominal Power	5.00MWh
Cooling Method	Liquid Cooling
Cycle Life	≥6000
Level of Protection	IP54
Dimension [w*h*d]	6450*2896*2550 mm
Rated Voltage	1331.2VDC
Total Weight	About 41T
Operating Temperature	10°C~45°C
Operating Humidity	5%~95%