

Jinko Commercial & Industry ESS

JKE344K2HDEA I

Jinko liquid-cooled battery cabinet integrates battery modules with a full configuration capacity of 344kWh. It is compatible with 1000V and 1500V DC battery systems, and can be widely used in various application scenarios such as customer side, grid side and new energy side.



HIGHLY INTEGRATED

- Full configuration capacity with 8 modules with 344kWh.
- Liquid-cooled battery modular design, easy to system expansion

RELIABLE AND SAFE

- Intelligent monitoring and linkage actions ensure battery system safety
- Integrated heating system for thermal safety and enhanced performance and reliability

EFFICIENT AND FLEXIBLE


- The turnkey system is design to enhance higher efficiency and prolong battery life
- Highly integrated ESS for easy transportation and flexible O&M


SMART SOFTWARE


- Multiple operation modes are available, the software can be customized and upgraded
- Cloud-based monitoring and operation platform supports the visit of Mysql database and multiple devices


APPLICATION


 **PEAK SHAVING**
Discharge at time of peak demand to reduce expensive demand charge.

 **ENERGY BACKUP**
Powers a facility when the grid goes down, or application in areas without electricity.

 **CAPACITY FIRMING**
Smooth out the intermittency of renewables by storing and dispatching when needed.

 **OPTIMIZATION THE UTILIZATION OF RENEWABLE**
Daytime load maximizes PV power, and excess power is stored for use at night.

 **ARBITRAGE**
Carry out arbitrage by using peak and valley electricity prices in different time periods.

 **COST SAVING**
Supply power at a distributed location to reduce investment in the construction of the grid.

