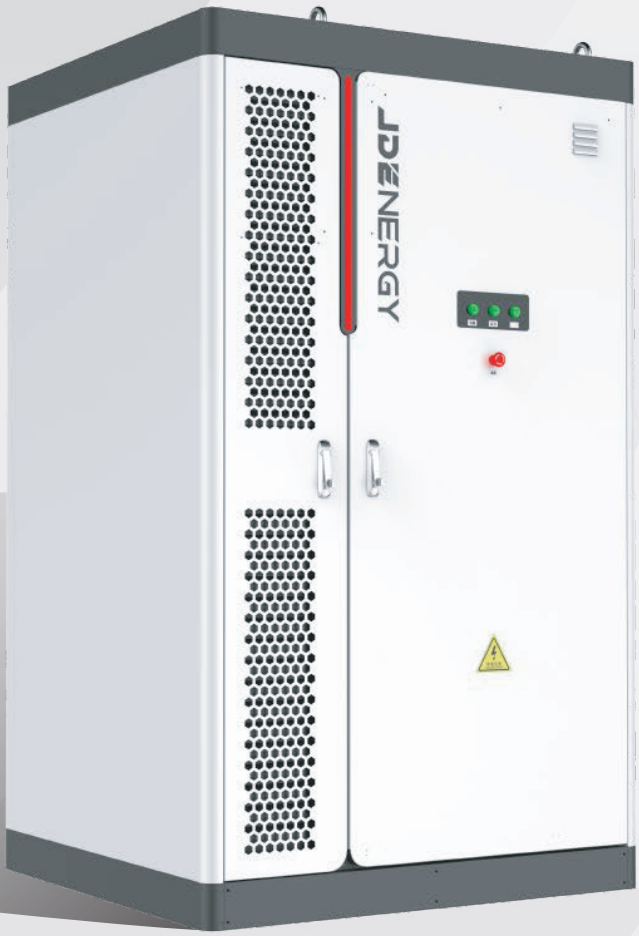
JDENERGY

eBlock-418A

209kW + 418kWh | Energy Storage System



INTELLIGENT ENERGY BLOCK

Economically Efficient

- No Parallel Design on DC Side, 100% DOD
- High Efficiency Liquid Cooling Design
- Conversion Efficiency ≥90% on AC Side

Ultimate Safety

- High-Temperature-Resistant Material that can Meet 1.5h Fire Resistance as the Shell
- Integration of BMS and PCS, Realizing Fast and
- Comprehensive Protection

Grid Friendly

- Multiple Control Modes including Primary Frequency Control (PFC), Peak Shaving and Valley Filling, and High-Speed Scheduling
- Heterogeneous Cluster Control Platform, achieving High-Speed Dispatching of Thousands of eBlocks at 100ms level

Intelligent Operation and Maintenance

- Multi-parallel Connection, Realizing Flexible Expansion and Block Building of Energy Storage Power Station
- Statistical Analysis of Big Data, Predicting Battery Cell Lifespan, Warning of Battery Cell Failures

eBlock 418A

JDENERGY

Technical Data	eBlock-418A
System Data	
Cell Type	LFP 3.2V/314AH
Configuration	416S1P
Nameplate Capacity	418kWh
DC Voltage Range	1165~1498V
AC Rated Power	209kW（215kW Derating ）
AC Output Voltage	690V±15%
Maximum System Efficiency	≥90%
Depth Of Discharge	100% DOD
Communication Interface	LAN
AC Current Distortion Rate	<3%
DC Component	< 0.5%Ipn
Number of Cycles	≥7000
System Protection Level	IP55
Operating Temperature	-35 ～ 55
Operating Humidity	0%RH～95%RH（No condensation ）
Noise	< 70db
Dimensions (W * H * D)	1400mm×1300mm×2350mm
Altitude	≤2000m
Thermal Management	Liquid cooling (battery)
Methods	3800Kg
Total Weight	IEC 62619 IEC63056 IEC62477 IEC61000
Certification	IEC60730

CRESCOM ELECTRA

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