

BESS



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INDUSTRIAL & COMMERCIAL ENERGY STORAGE SYSTEM

200KWh Energy Storage Cabinet



Safe & Reliable

Energy storage A grade LFP cell, service life > 12,000 cycles
Resistance up to C5 corrosion level, with 20-year reliability
APP 24/7 monitoring
IP55 protection grade, outdoor applications
Compatible with major inverter brands
Smarter design controls battery temperature difference to 3°C
BESS theoretical reliability verified by thermal aerodynamic finite element analysis simulation
Temperature sensor, perfluorohexanone, aerosol, water fire protection



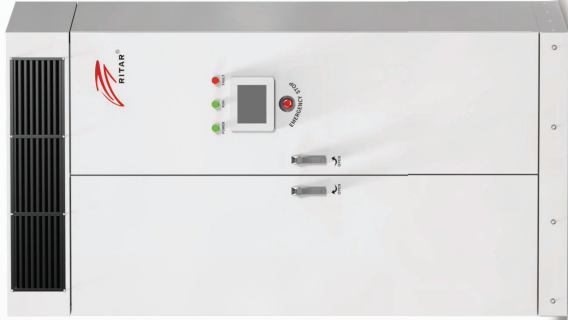
All-in-one design

Battery, PCS and EMS integration
Standardized modular design
Auto production high consistency
Reducing on-site installation costs and commissioning time



Widely Applications

Grid-connected operation
Industrial, Commercial, Grid-connected peak and valley arbitrage, demand control, Power backup etc.



#PARAMETERS



Model	EnerCube-100KW200KWh-B	
DC battery parameters		
Types of batteries	LFP 280Ah	
Battery Pack Configuration	14.336KWh/1P16S	
Battery System Configuration	200KWh/1P224S	
Battery voltage range	627~806V	
Number of temperature measurements	84	
AC Parameters		
AC rated power	100KW	
AC maximum power	110KW	
AC current distortion rate	<3%	
DC component	<0.5%Ip	
Grid voltage range	380/400 (-15%~15%) Vac	
Power factor	-1~+1	
Rated grid frequency	50Hz/60Hz	
System parameters		
Maximum system efficiency	≥91%	
Charge/discharge ratio	≤0.5C	
The depth of discharge	100%DOD	
Cycles	>8000	
Communication interface	CAN/RS485/LAN	
Protection grade	IP55	
Type of cooling	Air conditioning air cooling	
Operating temperature	-35°C~+55°C	
Relative humidity	5~95%RH, No condensation	
Noise	<70dB	
Altitude	<2000m	
Size	1200*2350*1100mm	
Fire protection system	Aerosol+Pack-level immersion+Active warning	
Weight	2500Kg	

IEC, CE, UN38.3, MSDS, ROHS



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PHOTOVOLTAIC ENERGY STORAGE SYSTEM

200KWh PV Ener Cube



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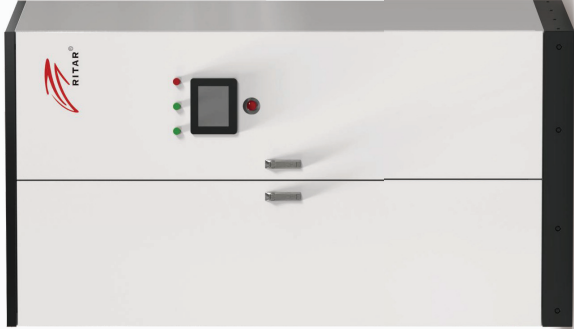
Standardized design

Battery and EMS integration
Auto production high consistency
Reducing on-site installation costs and commissioning time



Widely Applications

Off-grid connected operation, Hybrid connected operation
Industrial, Commercial, Microgrid, Solar power, Hydraulic power, Wind power, EV Charging station, Power backup etc.



#PARAMETERS



Model	EnerCube-200KWh
DC battery parameters	
Types of batteries	LFP 280Ah
Battery Pack Configuration	14.336KWh/1P16S
Battery System Configuration	200KWh/1P224S
Rated voltage	716.8V
Battery voltage range	627~806V
Number of temperature measurements	84
System parameters	
Maximum system efficiency	≥94%
Charge/discharge ratio	≤0.5C
The depth of discharge	100%DOD
Cycles	> 8000
Communication interface	CAN/RS485/LAN
Protection grade	IP55
Type of cooling	Air conditioning air cooling
Operating temperature	-35°C~+55°C
Relative humidity	5~95%RH, No condensation
Noise	< 70dB
Altitude	< 2000m
Size(W*H*D)	1200*2280*1100mm
Fire fighting system	Aerosol + Pack-level immersion + Active warning
Weight	2400kg

