

PARAMETERS

MODEL	CJ-100KW/215KWH
Battery Rated Energy Storage Capacity	215kWh
System Rated Voltage	768V
Battery Type	LiFePO4
Cell Capacity	280Ah
Battery Pack Series And Parallel Connection	1P*20S*12S
Maximum Charge And Discharge Current	0.5C
Rated AC Power	100kw
Rated AC Current	144A
Rated AC Voltage	400V, 3W+N+PE/3W+PE
Rated AC Frequency	50/60Hz
Current Total Harmonic Distortion Rate THDI	<3% (Rated Power)
Power Factor	-1 Lead~+1 Lag
Voltage Total Harmonic Distortion THDU	<3% (Linear Load)
Degree Of Protection	IP54
Protection Level	I
Isolation Method	Transformer Isolation
Power Consumption During Shutdown	<100W (Without Transformer)
Show	Touch LCD Touch Screen
Relative Humidity	0~95% (No Condensation)
Noise	Less Than 78 DB
Ambient Temperature	-25°C~60°C (Derating Above45°C)
Cooling Method	Intelligent Air Cooling
Altitude	3000m (Over 3000m Derating)
BMS Communication	CAN
EMS Communication	Ethernet / 485
Dimensions (W*D*H)	400V, 3W+N+PE/3W+PE
Rated AC Voltage	1800*1200*2300mm
Weight (Approx.)	3200kg

CONFIGURATION LIST

The configuration list covered by the CJ-100kW/215kWh energy storage system is as follows:

NAME	MODEL	UNIT	REMARK
Battery	120Ah,100kWh	1	With Control Box
Energy Storage Converter	50AC	2	Modular
Photovoltaic Controller	50DC	4	Modular
On-Grid And Off-Grid Switching	150STS	1	Modular
Air Conditioning System	AC2000 220±15%VAC~50Hz	1	Precision Air Conditioning
Fire Fighting System	QRR0.3G/SQ	1	Thermal Wire Activatedtype
Auxiliary System	Access Control,Etc.	1	Auxiliary Equipment
Management System	ESS	1	Composed Of BMS And EMS

If you have specific requirements, please feel free to contact us. We will take into consideration your unique needs and provide you with a tailored and reasonable configuration solution.

For your inaugural order, we are pleased to offer complimentary on-site installation, coupled with free on-site training, ensuring you acquire all skills for a seamless operation.