

100230 Hybrid solution - Grid / Solar panels - Max 10 units in parallel 230kWh Liquid-cooled Energy Storage Cabinet

Product advantages



1.The highly integrated ESS, fully pre-assembled, facilitates transportation, on-site installation, and operational maintenance.

2.Independently developed EMS supporting 5 application scenarios, with one-button selection for 8 operational modes.

3.Modular design supporting 2-10 parallel units, facilitating system expansion.

4.Secondary fire protection for cabinet and PACK , automotive-grade software for thermal runaway warning.

5.IP65 protection for battery compartment, IP54 for electrical compartment in outdoor cabinet design, optional C5 anti-corrosion level.

6.Active disconnection protection for both AC and DC.

7.Rapid status monitoring and fault recording enabling early warning and fault localization, integrating battery performance monitoring and recording.

Battery Parameter	
Cell Type	LiFePO4
Cell Specification	3.2V/100Ah
System Configuration	3P240S
Rated Capacity	230.4kWh
Voltage Range	684~852V
AC Parameters(on-grid)	
Rated Output Power	100kW
Rated Output Current	145A
AC Connection Method	Three phase four wire system
Grid Voltage Range	400V (-20%~+15%)
Grid Frequency Range	50Hz/60Hz±2.5Hz
AC Parameters(off-grid)	
AC off-grid Voltage	AC400V
AC Voltage Range	AC400V±3%
AC off-grid Frequency	50Hz/60Hz
Unbalanced Load Capability	100%
General Parameters	
Size(W*H*D)	1450*2370*1260mm
Max Weight	≤3000kg
Operating Temperature Range	-20°C~50°C
Working Altitude	<2000m
Temperature Control Method	Battery: Liquid cooling; Electrical compartment: wind cooling
Noise Level	<75db