

800V

多场景覆盖 · 高效可靠 · 智能运维

Multi-scenario Coverage · High Efficiency & Reliability · Intelligent O&M

High-Voltage Platform · Large-Capacity ESS

Applicable to large-scale energy storage power stations, grid-side energy storage and other scenarios.

RECOMMENDED

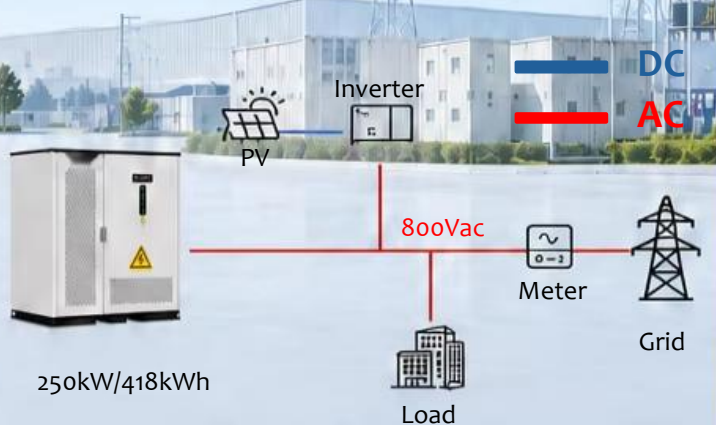


125kW/261kWh



250kW/418kWh

SYSTEM TOPOLOGY DIAGRAM



690V

System Integration · Step-up Grid-Connected

Applicable to medium & large energy storage and industrial applications.

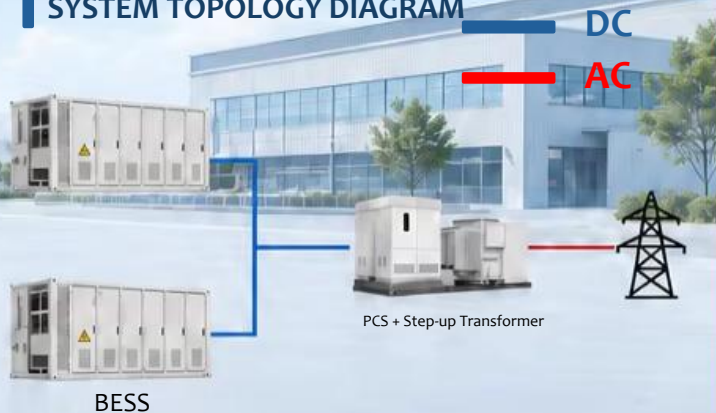
RECOMMENDED



2.5MW/5MWh | 5MW/5MWh

5MW/10MWh | 5MW/20MWh

SYSTEM TOPOLOGY DIAGRAM



On-Grid BESS Cabinet Liquid Cooling (PCS: 690V/800V)

储能并网一体柜液冷 (PCS: 690V/800V)



Integrated BMS/PCS/EMS



Space-saving with a small footprint



IP65 waterproof (Battery)



Battery Model	261kWh+125kW(690Vac)	★ 261kWh+125kW(800Vac)	418kWh+215kW(690Vac)	★ 418kWh+215kW(800Vac)
Battery Energy	261kWh	261kWh	418kWh	418kWh
PCS Power	125kW	125kW	215kW	215kW
AC Input Power	125kW	125kW	215kW	215kW
Max.AC Current	126A	109A	180A	157A
AC Voltage	690Vac	800Vac	690Vac	800Vac
AC Output Power	125kW	125kW	215kW	215kW
Communication	RS485/Ethernet/4G	RS485/Ethernet/4G	RS485/Ethernet/4G	RS485/Ethernet/4G
IP Grade	IP65(Battery)	IP65(Battery)	IP65(Battery)	IP65(Battery)
Size (mm)	1800*1350*2300mm	1800*1350*2300mm	2000*1350*2100mm	2000*1350*2100mm
Approx. Weight (kg)	2950kg	3000kg	4200kg	4230kg

On-Grid BESS Container Liquid Cooling (690Vac)

储能并网一体舱液冷 (690Vac)



Integrated BMS/PCS/EMS



Space-saving with a small footprint



IP65 waterproof (Battery)

Battery Model	★ 2.5MWh+1.25MW	3.3MWh+1.75MW
Battery Energy	2.5MWh	3.3MWh
PCS	1.25MW	1.75MW
AC Voltage	690Vac	690Vac
AC Rated Power	1.25MW	1.75MW
Max. AC Current	1100A	1540A
Communication	RS485/Ethernet/4G	RS485/Ethernet/4G
IP Grade	IP65(Battery)	IP65(Battery)
Size (mm)	6058*2438*2896mm	6058*2438*2896mm
Approx. Weight (kg)	24200kg	32000kg

Large-scale Integrated MV BESS (5MWh/2.5MW)

大型一体化中压电池储能系统(单柜: 2. 5MWh两柜并联, 单柜: 5MWh)



Complete grid support functions,
reliable grid-connected operation



Integrated LiFePO₄ Battery, PCS, BMS and EMS



Cabin integrated storage unit & booster transformer,
built-in full lithium control system



Battery Model	★ 5MWh+2.5MW(Single Container: 2.5MWh)	★ 5MWh+2.5MW(Single Container: 5MWh)
Battery Energy	5MWh	5MWh
PCS	2.5MW	2.5MW
AC Voltage	690Vac	690Vac
Step-up transformer	11 kV on high voltage side of step-up transformer	11 kV on high voltage side of step-up transformer
AC Rated Power	2.5MW	2.5MW
Max.AC Current	2090A	2090A
Communication	RS485/Ethernet/4G	RS485/Ethernet/4G
IP Grade	IP65(Battery)	IP65(Battery)
Size (mm)	6058*2438*2896mm	6058*2438*2896mm
Approx. Weight (kg)	21500kg	44000kg

Large-scale Integrated MV BESS (10MWh/5MW, 20MWh/5MW)

大型一体化中压电池储能系统(单柜: 5MWh) 集成升压变(11kV或35kV)



Complete grid support functions,
reliable grid-connected operation



Integrated LiFePO₄ Battery, PCS, BMS and EMS.



Cabin integrated storage unit & booster transformer,
built-in full lithium control system

Battery Model	5MWh+2.5MW	★ 10MWh+5MW(Single Container: 5MWh)	20MWh+10MW(Single Container: 5MWh)
Battery Energy	5MWh	10MWh	20MWh
PCS	2.5MW	5MW	10MW
AC Voltage	690Vac	690Vac	690Vac
Step-up transformer	11 kV on high voltage side of step-up transformer	11 kV on high voltage side of step-up transformer	11 kV on high voltage side of step-up transformer
AC Rated Power	2.5MW	5MW	10MW
Max.AC Current	2090A	4180A	8360A
Communication	RS485/Ethernet/4G	RS485/Ethernet/4G	RS485/Ethernet/4G
IP Grade	IP65(Battery)	IP65(Battery)	IP65(Battery)
Size (mm)	6058*2438*2896mm	6058*2438*2896mm	6058*2438*2896mm
Approx. Weight (kg)	44000kg	Total weight:88000kg, Single weight: 44000kg	Total weight:176000kg, Single weight: 44000kg