

LV&HV LiFePO₄ Battery Cabinets and Containers

低压电池柜&高压电池柜&高压电池舱（IP20/IP54/IP65）



Low Voltage LiFePO4 Battery Rack | Cabinet - IP20

低压机架储能电池-IP20

- Standard rack-mount modular design for flexible capacity expansion & easy deployment
- Compatible with mainstream 48V-class-low-voltage Solar & energy storage inverters
- Grade-A LFP cells for ultra-long cycle life



Battery Model	★ 48kWh	★ 64kWh	★ 80kWh	★ 96kWh
Battery	51.2V942Ah	51.2V1256Ah	51.2V1570Ah	51.2V1884Ah
Module Specification	51.2V314Ah	51.2V314Ah	51.2V314Ah	51.2V314Ah
Modules of Numbers	3	4	5	6
End-of-Charge Voltage	58.0V	58.0V	58.0V	58.0V
End-of-Discharge Voltage	42.0V	42.0V	42.0V	42.0V
Max. Charge Current	200A	200A	200A	200A
Max. Discharge Current	200A	200A	200A	200A
IP Grade	IP20	IP20	IP20	IP20
Size (mm)	400*700*735mm	400*700*1000mm	700*400*1245mm	700*400*1500mm
Approx. Weight (kg)	320kg	425kg	530kg	636kg

LiFePO4 Rack-Stacked Battery Cabinet (Air Cooling)-IP20

堆叠机架储能电池柜（风冷）-IP20



- Multi-layer protection architecture
- Compatible with mainstream high-voltage Solar & energy storage inverters
- The rack is detachable for easy packaging and transportation

Battery Model	★ 201kWh	★ 221kWh	★ 241kWh	★ 261kWh
Battery Voltage	640V	704V	768V	832V
Module Specification	64V314Ah	64V314Ah	64V314Ah	64V314Ah
Modules of Numbers	10	11	12	13
End-of-Charge Voltage	720V	792V	864V	936V
End-of-Discharge Voltage	560V	616V	672V	728V
Max. Charge Current	150A	150A	150A	150A
Max. Discharge Current	200A	200A	200A	200A
IP Grade	IP20	IP20	IP20	IP20
Single-row Size (mm)	660*1300*950mm	660*1300*950mm	660*1300*950mm	660*1300*950mm
Approx. Weight (kg)	1675kg	1830kg	1950kg	2085kg

LiFePO4 Battery Cabinet (Air Cooling)-IP20

储能电池柜(风冷)-IP20



Multi-layer protection architecture



Compatible with mainstream high-voltage solar & energy storage inverters



The rack is detachable for easy packaging and transportation



Battery Model	★ 65kWh	★ 105kWh	112kWh	128kWh	201kWh	★ 241kWh
Battery Voltage	320V	512V	358.4V	409.6V	640V	768V
Module Specification	64V206Ah	64V206Ah	51.2V314Ah	51.2V314Ah	64V314Ah	64V314Ah
Modules of Numbers	5	8	7	8	10	12
End-of-Charge Voltage	360V	576V	403V	460V	720V	864V
End-of-Discharge Voltage	280V	448V	313V	358V	560V	672V
Max. Charge Current	100A	100A	100A	100A	150A	150A
Max. Discharge Current	200A	200A	200A	200A	200A	200A
IP Grade	IP20	IP20	IP20	IP20	IP20	IP20
Size (mm)	660*950*1385mm	1160*950*1150mm	550*745*1950mm	1050*790*1350mm	1160*1220*1400mm	1160*1200*1620mm
Approx. Weight (kg)	650kg	1150kg	830kg	1080kg	1950kg	2250kg

LiFePO4 Battery Cabinet (Air Cooling)-IP54

储能电池柜(风冷)-IP54



Multi-layer protection architecture



Compatible with mainstream high-voltage Solar & energy storage inverters



The rack is detachable for easy packaging and transportation

Battery Model	112kWh	128kWh	209kWh	★ 120kWh	201kWh	★ 241kWh
Battery Voltage	358V	409.6V	665.6V	384V	640V	768V
Module Specification	51.2V314Ah	51.2V314Ah	51.2V314Ah	64V314Ah	64V314Ah	64V314Ah
Modules of Numbers	7	8	13	6	10	12
End-of-Charge Voltage	403V	460V	749V	432V	720V	864V
End-of-Discharge Voltage	313V	358V	582V	336V	560V	672V
Max. Charge Current	100A	100A	100A	150A	150A	150A
Max. Discharge Current	200A	200A	200A	200A	200A	200A
IP Grade	IP54	IP54	IP54	IP54	IP54	IP54
Size (mm)	660*1060*1855mm	1160*1060*1150mm	1160*1060*1855mm	660*1200*1260mm	1160*1220*1385mm	1160*1200*1620mm
Approx. Weight (kg)	1320kg	1450kg	2050kg	1250kg	1950kg	2250kg

LiFePO4 Battery Cabinet (Liquid Cooling)-IP65

储能电池柜 (液冷)-IP65

-  Integrated automatic coolant replenishment system
-  Compatible with mainstream high-voltage solar& energy storage inverters
-  IP65 waterproof (Battery)



Battery Model	★156kWh	★209kWh	★261kWh	★261kWh-认证款	★522kWh
Battery Voltage	499.2V	665.6V	832V	832V	832V
Module Specification	166V314Ah	166V314Ah	166V314Ah	166V314Ah	166V314Ah
Modules of Numbers	3	x	5	5	5S2P
End-of-Charge Voltage	561.6V	748.8V	936V	936V	936V
End-of-Discharge Voltage	436.8V	582.4V	728V	728V	728V
Max. Charge Current	150A	150A	150A	150A	150A
Max. Discharge Current	200A	200A	200A	200A	200A
IP Grade	IP65(Battery)	IP65(Battery)	IP65(Battery)	IP65(Battery)	IP65(Battery)
Size (mm)	1000*1300*1500mm	1000*1300*2000mm	1000*1300*2000mm	980*1350*2100mm	1900*1300*2200mm
Approx. Weight (kg)	1600kg	2000kg	2400kg	2400kg	4600kg

LiFePO4 Battery Container (Liquid Cooling)-IP65

储能电池舱 (液冷)-IP65



-  Integrated automatic coolant replenishment system
-  Compatible with mainstream high-voltage Solar & energy storage inverters
-  IP65 waterproof (Battery)

Battery Model	★2.0MWh	★2.6MWh	3.1MWh	4.1MWh	5MWh
Battery Voltage	832V	832V	832V	832V	1331V
Module Specification	166V314Ah	166V314Ah	166V314Ah	166V314Ah	166V314Ah
Modules of Numbers	8(5S1P)	10(5S2P)	12(5S3P)	16(5S4P)	96(8S12P)
End-of-Charge Voltage	936V	936V	936V	936V	1498V
End-of-Discharge Voltage	728V	728V	728V	728V	1165V
Max. Charge Current	150A	150A	150A	150A	150A
Max. Discharge Current	200A	200A	200A	200A	200A
IP Grade	IP65(Battery)	IP65(Battery)	IP65(Battery)	IP65(Battery)	IP65(Battery)
Size (mm)	6058*2438*2591mm	6058*2438*2591mm	6058*2438*2896mm	6058*2438*2896mm	6058*2438*2896mm
Approx. Weight (kg)	24000kg	26000kg	30000kg	38000kg	44000kg