

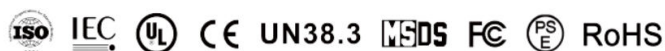
Energy storage battery manufacturers covering all scenarios of household storage, industrial and commercial storage, and large-scale storage



Company Profile



SHENZHEN MAN QI CO., LTD. is a new energy enterprise dedicated to the R&D, manufacturing, sales, and after-sales service of Solar-Diesel Micro-grid BESS, Commercial & Industrial (C&I) BESS, residential energy storage systems, and specialized lithium battery solutions. The company bases in Shenzhen and Dongguan. The Shenzhen base focuses on marketing and R&D, while the Dongguan base serves as the production and manufacturing center. Our core team mainly comes from leading enterprises such as BYD and Huawei. We hold a number of core patents in BMS/EMS technologies, micro-grid, inverter technologies, and key processes of high-voltage and low-voltage lithium batteries. Our products are exported to more than 100 countries and regions worldwide. Our solar-diesel micro-grid BESS systems have gained strong recognition from international clients. All products comply with major global standards and certifications, including UL, IEC, CB, CE, UN38.3, and MSDS.



We are equipped with professional production lines for micro-grid BESS systems and energy storage PACKs, including air-cooling and liquid-cooling PACK production lines, as well as integrated production lines for micro-grid and energy storage systems.

Mission: Driving New Energy through Innovation to Power Every Sector Worldwide.

15 Years⁺
BMS&EMS R&D

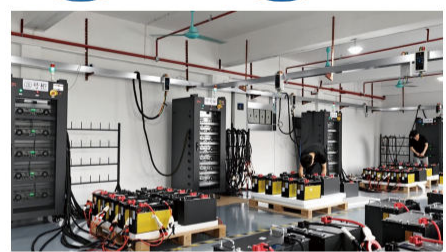
50⁺
R&D
team members

100⁺
Countries

120⁺
Cumulative energy
storage styles

2000⁺
Energy storage
clients

2500MWh⁺
Energy storage
battery cumulative
shipment



Equipment and Process



Cell Sorting Equipment



Automatic Spot Welding Equipment



Sub-container Equipment



PACK Test Equipment



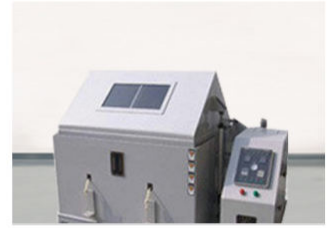
Aging Test Equipment



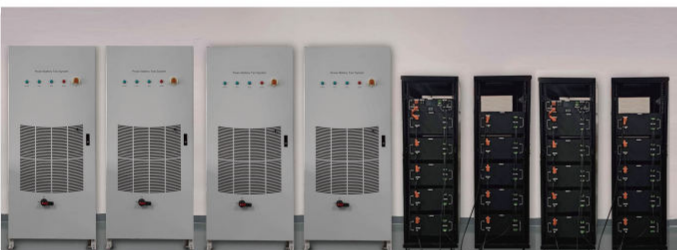
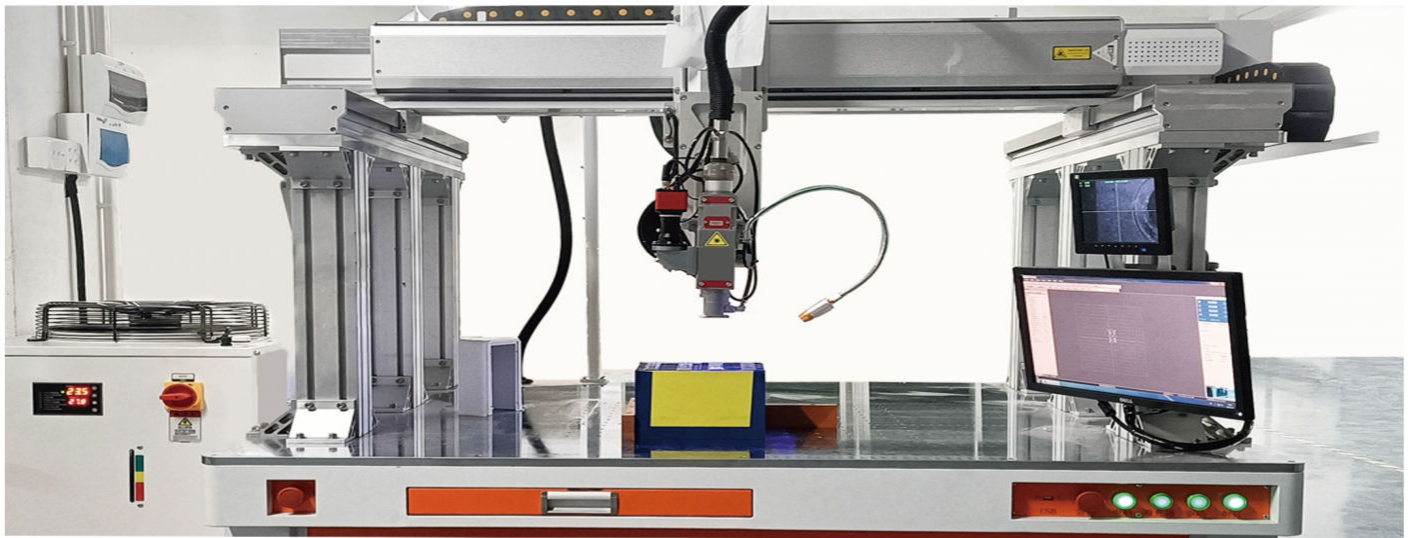
High & low Temperature Resistant Equipment



Vibration Equipment



Salt Spray Device



Core Technology



BMS independently R&D
15 years of automotive-grade BMS technology iteration



Large Capacity UPS-mode Technology
Supports 0ms on-grid and off-grid switching



High Reliability EMS
Core module with backup runs



Max. 2MW on-grid and off-grid seamless switching
Switch time <20ms



C&I All-In-One ESS
PV/Energy storage/GEN fully integrated technology



High-Voltage Full DC Bus Technology
800V High-Voltage Isolated DC Bus Technology



Multiple off-grid and on-grid units in parallel
Max. support 12 off-grid and on-grid units in parallel



All-In-One with PV, Charger and Energy storage system
DC coupling and AC coupling

High-Reliability & Intelligent EMS



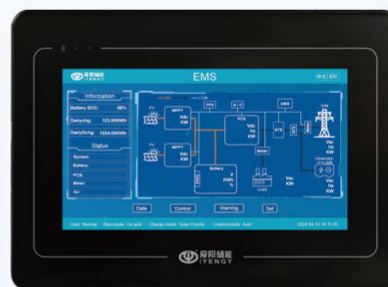
Multi-Mode Control PV priority/Peak shaving & Valley filling/Demand control



Cloud-edge coordination optimized iteration based on big data



High reliability dual redundant core modules in operation



15 Years R&D and Manufacturing



15 years of automotive-grade technical accumulation



Intelligent self-Learning SOC algorithm based on battery and system



Support for first, second, and third-level management architectures



EMS Intelligent Cloud Platform



Cloud-edge-end collaboration



Dual-core backup operation for high security & reliability



Multi-mode Operation (PV-ESS-Diesel), Multi-unit Parallel Operation, On-grid/Off-grid Switching, VSG Control, etc.



Intelligent Learning, Intelligent Dispatching, and Intelligent Control



Certifications (Part)



ISO9001



UL



IEC



PSE



EN50549



CE



UN38.3



Global Insurance

Patent Certificate (Part)



Global Deployment Projects (Part)



Shipments and Customer Cases (Part)



Residential Energy Storage System (Battery/ All-In-One ESS)



Lead-acid Replacement LiFePO4 Battery (12V/24V)



Long cycle life



Supports Bluetooth and App



High rate & high current discharge



Battery Model	12.8V100Ah	12.8V150Ah	12.8V206Ah	12.8V314Ah	25.6V100Ah	25.6V314Ah
Battery Energy	1.28kWh	1.92kWh	2.6kWh	4.0kWh	2.56kWh	8kWh
Nominal Voltage	12.8V	12.8V	12.8V	12.8V	25.6V	25.6V
Rated Capacity	100Ah	150Ah	206Ah	314Ah	100Ah	314Ah
End-of-Charge Voltage	14.6V	14.6V	14.6V	14.6V	29.2V	29.2V
End-of-Discharge Voltage	10.0V	10.0V	10.0V	10.0V	21.0V	21.0V
Max. Charge Current	100A	100A	200A	200A	100A	200A
Max. Discharge Current	100A	150A	200A	200A	100A	200A
Communication	BT/ RS485 (optional)	BT/ RS485 (optional)	BT/ RS485 (optional)	BT/ RS485 (optional)	BT/ RS485 (optional)	BT/ RS485 (optional)
Size (mm)	330*175*215mm	485*170*240mm	530*238*220mm	380*200*265mm	530*238*220mm	525*345*232mm
Weight (kg)	11.5kg(about)	15.5kg(about)	22kg(about)	25.5kg(about)	24kg(about)	50kg(about)

Rack Mount LiFePO4 Battery (5.12kWh/10.5kWh/16kWh)



Long cycle life



20 inverter protocols can be selected on the display



Max. 15 in parallel

Battery Model	51.2V100Ah/A1	51.2V206Ah/A1	51.2V314Ah/X1
Battery Energy	5.12kWh	10.5kWh	16kWh
Nominal Voltage	51.2V	51.2V	51.2V
Rated Capacity	100Ah	206Ah	314Ah
End-of-Charge Voltage	58.0V	58.0V	58.0V
End-of-Discharge Voltage	42.0V	42.0V	42.0V
Max. Charge Current	100A	200A	200A
Max. Discharge Current	100A	200A	200A
Communication	RS485/CAN	RS485/CAN	RS485/CAN
Size (mm)	442*420*133mm/3U	442*420*265mm	442*715*233mm
Weight (kg)	43kg(about)	79kg(about)	105kg(about)

Wall Mount LiFePO4 Battery (5.12kWh/10.5kWh/16kWh)



Max. 15 in parallel



20 inverter protocols can be selected on the display



Supports mutiple languages



Battery Model	51.2V100Ah/X1	51.2V100Ah/Y1	51.2V206Ah/A1	51.2V314Ah/A1
Battery Energy	5.12kWh	5.12kWh	10.5kWh	16kWh
Nominal Voltage	51.2V	51.2V	51.2V	51.2V
Rated Capacity	100Ah	100Ah	206Ah	314Ah
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	100A	100A	200A	200A
Max. Discharge Current	100A	100A	200A	200A
Communication	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN
Size (mm)	613*440*160mm	600*410*140mm	850*485*145mm	850*420*230mm
Weight (kg)	48kg(about)	44kg(about)	83kg(about)	105kg(about)

Standing LiFePO4 Battery (16kWh/21kWh/32kWh)



Drive 10kW inverter



Max. 15 in parallel



Style: S1/ M1/ X1/Y1...

Battery Model	51.2V314Ah-S1	51.2V314Ah-M1	51.2V314Ah-X1	51.2V314Ah-Y1	51.2V412Ah-S1	51.2V628Ah-S1
Battery Energy	16kWh	16kWh	16kWh	16kWh	21kWh	32kWh
Nominal Voltage	51.2V	51.2V	51.2V	51.2V	51.2V	51.2V
Rated Capacity	314Ah	314Ah	314Ah	314Ah	412Ah	628Ah
End-of-Charge Voltage	58.0V	58.0V	58.0V	58.0V	58.0V	58.0V
End-of-Discharge Voltage	42.0V	42.0V	42.0V	42.0V	42.0V	42.0V
Max. Charge Current	200A	200A	200A	200A	200A	200A
Max. Discharge Current	200A	200A	200A	200A	200A	200A
Communication	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN
Size (mm)	420*240*830mm	470*250*690mm	420*240*830mm	495*240*880mm	510*293*970mm	460*380*995mm
Weight (kg)	113kg(about)	115kg(about)	113kg(about)	120kg(about)	147kg(about)	228.7kg(about)

Low Voltage Stackable LiFePO4 Battery (5/10/16kWh)



Power expansion and free assembly as needed



Passed the IEC62619 certification



Compatible with 20+ mainstream inverters worldwide



Battery Model	LV Stackable 5.12kWh*n(n=2~8)	LV Stackable 10.24kWh*n(n=2~6)	LV Stackable 16kWh*n(n=2~5)
Battery Energy	5.12kWh	10.24kWh	16kWh
Nominal Voltage	51.2V	51.2V	51.2V
Rated Capacity	100Ah*n	200Ah*n	314Ah*n
End-of-Charge Voltage	58.0V	58.0V	58.0V
End-of-Discharge Voltage	42.0V	42.0V	42.0V
Max. Charge Current	100A	200A	200A
Max. Discharge Current	100A	200A	200A
Communication	RS485/CAN	RS485/CAN	RS485/CAN
Size (mm)	585*360*150mm	590*500*245mm	670*550*265mm
Weight (kg)	42kg(about)	75kg(about)	112kg(about)

High Voltage Stackable LiFePO4 Battery (10kWh/15kWh/20kWh)



Master-integrated high-voltage module



Power expansion and free assembly as needed



Compatible with 20+ mainstream inverters worldwide

Battery Model	307V50Ah	409V50Ah	204V100Ah	307V100Ah	409V100Ah
Battery Energy	15.3kWh	20.4kWh	20.4kWh	30.7kWh	40.9kWh
Nominal Voltage	307V	409V	204V	307V	409V
Rated Capacity	50Ah	50Ah	100Ah	100Ah	100Ah
End-of-Charge Voltage	350.0V	467.0V	233.0V	350.0V	467.0V
End-of-Discharge Voltage	250.0V	335.0V	166.0V	250.0V	335.0V
Max. Charge Current	25A	25A	50A	50A	50A
Max. Discharge Current	50A	50A	100A	100A	100A
Communication	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN
Size (mm)	585*360*690mm	585*360*845mm	585*360*535mm	585*360*690mm	585*360*845mm
Weight (kg)	140kg(about)	182kg(about)	182kg(about)	224kg(about)	266kg(about)

All-In-One ESS(Integrated Battery & Inverter)-(European)



Easy installation
wall plug for whole house power supply



High integration and Easy installation



4 Channels MPPT



Battery Model	2kWh+2400W(European)	4kWh+2400W(European)	6kWh+2400W(European)	9kWh+2400W(European)
Battery Voltage	51.2V	51.2V	51.2V	51.2V
Rated Capacity	40Ah	40Ah*2	40Ah*3	40Ah*4
Rated Power (On/Off-grid)	800W/2400W	800W/2400W	800W/2400W	800W/2400W
MPPT Channels	4	4	4	4
MPPT Voltage Range	12~95Vdc	12~95Vdc	12~95Vdc	12~95Vdc
MPPT Power	2400W	2400W	2400W	2400W
AC Voltage	230Vac	230Vac	230Vac	230Vac
IP Grade	IP65	IP65	IP65	IP65
Size (mm)	580*690*155mm	580*1000*155mm	580*1310*155mm	580*1620*155mm
Weight (kg)	39kg(about)	60kg(about)	81kg(about)	102kg(about)

Dual-Mount Energy Storage All-In-One ESS



Single cell storage system



Supports fast charging



Supports PV and Grid power charging

Battery Model	1kWh+500W	2kWh+1kW
Battery Voltage	3.2V	6.4V
Rated Capacity	314Ah	314Ah
Energy	1kWh	2kWh
Inverter Power	500W	1000W
MPPT Voltage Range	11~55Vdc	12~60Vdc
Max. MPPT Power	300W	500W
AC Voltage	230Vac	230Vac
IP Grade	IP20	IP20
Size (mm)	310*360*151mm	350*270*241mm
Weight (kg)	15kg(about)	20kg(about)

Standing All-In-One ESS (Small)



All-In-One (Battery & Inverter)



AC charge + PV charge



High integration and Easy installation



Battery Model	2.6kWh+2kW	4kWh+2kW	5.2kWh+3kW
Battery Voltage	12.8V	12.8V	25.6V
Rated Capacity	206Ah	314Ah	206Ah
Energy	2.6kWh	4kWh	5.2kWh
Inverter Power	2kW	2kW	3.6kW
MPPT Voltage Range	30~400Vdc	30~400Vdc	40~450Vdc
AC Voltage	230Vac	230Vac	230Vac
IP Grade	IP20&IP54	IP20&IP54	IP20&IP54
Communication	RS485/WiFi	RS485/WiFi	RS485/WiFi
Size (mm)	610*390*230mm	610*390*230mm	610*450*270mm
Weight (kg)	20kg(about)	30kg(about)	48.5kg(about)

Standing All-In-One ESS (Medium)



LiFePO4 Battery + Inverter



Integrated PV and AC charging



Integrated UPS function

Battery Model	5.2kWh+5kW	8kWh+5kW
Battery Voltage	25.6V	25.6V
Rated Capacity	206Ah	314Ah
Energy	5.2kWh	8kWh
Inverter Power	5kW	5kW
MPPT Voltage Range	60~450Vdc	60~450Vdc
AC Voltage	230Vac	230Vac
IP Grade	IP20&IP54	IP20&IP54
Communication	RS485/WiFi	RS485/WiFi
Size (mm)	450*270*610mm	385*325*520mm
Weight (kg)	50kg(about)	60kg(about)

Standing All-In-One ESS (Large)



LiFePO4 Battery + Inverter



High integration and Easy installation



Integrated PV and AC charging



Battery Model	10.5kWh+6kW	16kWh+6kW	16kWh+12kW
Battery Voltage	51.2V	51.2V	51.2V
Rated Capacity	206Ah	314Ah	314Ah
Energy	10.5kWh	16kWh	16kWh
Inverter Power	6kW	6kW	12kW
MPPT Voltage Range	60~450Vdc	60~450Vdc	60~450Vdc
AC Voltage	230Vac	230Vac	230Vac
IP Grade	IP20	IP20	IP20
Communication	RS485/WiFi	RS485/WiFi	RS485/WiFi
Size (mm)	513*305*820mm	510*375*770mm	510*377*770mm
Weight (kg)	97kg(about)	124kg(about)	130kg(about)

Standing All-In-One ESS-(American & Japan)



Supports American / Japan voltage



High integration and Easy installation



All-In-One (Battery & Inverter)

Battery Model	3kW/2.56kWh (Low Voltage)	5kW/5.12kWh (Low Voltage)	6kW/10.5kWh (Split-phase)	10kW/10.5kWh (Split-phase)	6kW/16kWh (Split-phase)	12kW/16kWh (Split-phase)
Battery Voltage	25.6V	51.2V	51.2V	51.2V	51.2V	51.2V
Rated Capacity	100Ah	100Ah	206Ah	206Ah	314Ah	314Ah
Energy	2.56kWh	5.12kWh	10.5kWh	10.5kWh	16kWh	16kWh
Inverter Power	3kW	5kW	6kW	10kW	6kW	12kW
MPPT Voltage Range	70~280Vdc	70~280Vdc	120~450Vdc	90~450Vdc	120~450Vdc	90~450Vdc
AC Voltage	120Vac	120Vac	120Vac/240Vac	120Vac/240Vac	120Vac/240Vac	120Vac/240Vac
IP Grade	IP20&IP54	IP20&IP54	IP20&IP54	IP20&IP54	IP20&IP54	IP20&IP54
Communication	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi
Size (mm)	465*360*360mm	600*440*390mm	515*307*815mm	515*335*815mm	510*375*766mm	510*375*795mm
Weight (kg)	40kg(about)	60kg(about)	89kg(about)	102kg(about)	144kg(about)	136kg(about)

Floor-mount/ Stackable All-In-One ESS-European



High integration and Easy installation



AC Charge + PV Charge



Power expansion and free assembly as needed



Battery Model	6kW/5.12kWh-P1	6kW/10.24kWh-P1	6kW/15kWh-P1	6kW/5kWh-A1	12kW/10.5kWh-A1	12kW/16kWh-X1
Battery Voltage	51.2V	51.2V	51.2V	51.2V	51.2V	51.2V
Rated Capacity	100Ah	200Ah	300Ah	100Ah	206Ah	314Ah
Energy	5.12kWh	10.24kWh	15kWh	5.12kWh	10.5kWh	16kWh
Inverter Power	6kW	6kW	6kW	6kW	12kW	12kW
MPPT Voltage Range	60~450Vdc	60~450Vdc	60~450Vdc	60~450Vdc	60~450Vdc	60~450Vdc
AC Voltage	230Vac	230Vac	230Vac	230Vac	230Vac	230Vac
IP Grade	IP20	IP20	IP20	IP20	IP20	IP20
Communication	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi
Size (mm)	550*170*865mm	550*170*1285mm	550*170*1705mm	565*360*435mm	590*550*545mm	663*550*590mm
Weight (kg)	57kg(about)	99kg(about)	141kg(about)	60kg(about)	113kg(about)	148kg(about)

Floor-mount All-In-One ESS -European



High integration and Easy installation



AC Charge + PV Charge



All-In-One (Battery & Inverter)

Battery Model	6kW/16kWh	12kW/16kWh
Battery Voltage	51.2V	51.2V
Rated Capacity	314Ah	314Ah
Energy	16kWh	16kWh
Inverter Power	6kW	12kW
MPPT Voltage Range	60~450Vdc	60~450Vdc
AC Voltage	230Vac	230Vac
IP Grade	IP20	IP20
Communication	RS485/WiFi	RS485/WiFi
Size (mm)	480*225*1120mm	480*225*1120mm
Weight (kg)	130kg(about)	135kg(about)

UPS/ Communication Base Stations/ Area Energy Storage and Special Power LiFePO₄ Battery



Communication Base Station LiFePO4 Battery (48V / 51.2V)



Ultra-long cycle life



High safety and high reliability



BMS multi-layer protection system



Battery Model	48V100Ah	51.2V100Ah	48V314Ah	51.2V314Ah
Battery Energy	4.8kWh	5.12kWh	15kWh	16kWh
Nominal Voltage	48V	51.2V	48V	51.2V
Rated Capacity	100Ah	100Ah	314Ah	314Ah
End-of-Charge Voltage	54.0V	58.0V	54.0V	58.0V
End-of-Discharge Voltage	39.0V	42.0V	39.0V	42.0V
Max. Charge Current	50A	50A	100A	100A
Max. Discharge Current	100A	100A	200A	200A
Communication	RS485	RS485	RS485	RS485
Size (mm)	442*420*133mm	442*420*133mm	442*715*233mm	442*715*233mm
Weight (kg)	40kg(about)	43kg(about)	104kg(about)	105kg(about)

UPS LiFePO4 Battery (LV & HV)



Supports positive and negative voltages on the neutral line



Ultra-long cycle life



High security and high reliability

Battery Model	48/51.2V100Ah	192V50/100Ah	240V50Ah	+/-120V100Ah	+/-192V50Ah	384V100Ah
Battery Energy	4.8/5.12kWh	9.6/19.2kWh	12kWh	12kWh	9.6kWh	38.4kWh
Nominal Voltage	48/51.2V	192V	240V	+/-120V	+/-192V	384V
Rated Capacity	100Ah	50/100Ah	50Ah	100Ah	50Ah	100Ah
End-of-Charge Voltage	54.0/58.0V	219V	274V	136V	219V	432V
End-of-Discharge Voltage	39.0/42.0V	162V	205V	120V	162V	324V
Max. Charge Current	100A	50A	25A	50A	25A	50A
Max. Discharge Current	100A	100A	50A	100A	50A	100A
Communication	RS485	RS485	RS485	RS485	RS485	RS485
Size (mm)	442*420*133mm	600*600*850mm	600*600*1000mm	600*600*1000mm	600*600*1500mm	600*600*1500mm
Weight (kg)	40/43kg(about)	250/400kg(about)	280kg(about)	450kg(about)	450kg(about)	700kg(about)

Area Energy Storage System



Efficient Resolution of Grid Low-Voltage Issues



Three-Phase Independently Adjustable Balancing



Suitable for Weak-Grid Areas and Rural Regions



Battery Model	15/16kWh+12kW	32kWh+15kW	65kWh+30kW	120kWh+60kW	241kWh+100kW
Battery Energy	15/16kWh	32kWh	65kWh	120kWh	241kWh
PCS	12kW	15kW	30kW	60kW	100kW
AC Max. Current	60A	25A	45A	90A	180A
AC Power	12kW/Single-phase	15kW/Three Phase	30kW	60kW	100kW
AC Voltage	230Vac	380Vac/220Vac	380Vac/220Vac	380Vac/220Vac	380Vac/220Vac
IP Grade	IP54	IP54	IP54	IP54	IP54
Communication	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi
Size (mm)	510*377*770mm	600*800*1400mm	660*910*1940mm	1060*1035*1850mm	1600*1050*1200mm
Weight (kg)	120kg(about)	450kg(about)	850kg(about)	1350kg(about)	2550kg(about)

Parking AC System / Cranking Battery (12V & 24V Systems)



3000A Transient Discharge Current (peak)



High integration and Easy installation



4G wireless monitoring support

Battery Model	12V200Ah	12V300Ah	25.6V200Ah
Battery Energy	2.56kWh	3.84kWh	5.12kWh
Nominal Voltage	12.8V	12.8V	25.6V
Rated Capacity	200Ah	300Ah	200Ah
End-of-Charge Voltage	14.0V	14.0V	29.0V
End-of-Discharge Voltage	10.0V	10.0V	20.0V
Max. Transient Discharge Current	3000A	3000A	3000A
Communication	4G	4G	4G
IP Grade	IP65	IP65	IP65
Size (mm)	460*260*23mm	450*300*230mm	455*400*230mm
Weight (kg)	27kg(about)	43kg(about)	43kg(about)

Forklifts/ Golf Carts LiFePO4 Battery



High-voltage and high-current technology



Fast charging technology



Support touch display screen



Battery Model	25.6V20Ah	25.6V40Ah	25.6V100Ah	51.2V100Ah	51.2V300Ah
Battery Type	NCM	LFP	LFP	LFP	LFP
Nominal Voltage	25.6V	25.6V	25.6V	51.2V	51.2V
Rated Capacity	20Ah	40Ah	100Ah	100Ah	300Ah
End-of-Charge Voltage	19.6V	21.6V	21.6V	40.5V	40.5V
End-of-Discharge Voltage	29.4V	29.4V	29.2V	54.7V	54.7V
Max. Charge Current	10A	20A	50A	50A	100A
Max. Discharge Current	20A	40A	100A	100A	300A
Communication	RS485/RS232/CAN	RS485/RS232/CAN	RS485/RS232/CAN	RS485/CAN	RS485/CAN
Size (mm)	200*160*105mm	280*180*150mm	415*245*160mm	400*240*225mm	440*400*480mm
Weight (kg)	4kg(about)	11kg(about)	25kg(about)	43.5kg(about)	130kg(about)

Tricycle LiFePO4 Battery



High-rate and high-current discharge



Long cycle life



High safety and high reliability

Battery Model	51.2V60Ah	51.2V100Ah	64V100Ah	64V150Ah	64V314Ah
Battery Energy	3kWh	5.12kWh	6.14kWh	9.6kWh	20kWh
Nominal Voltage	51.2V	51.2V	64V	64V	64V
Rated Capacity	60Ah	100Ah	100Ah	150Ah	314Ah
End-of-Charge Voltage	58.0V	58.0V	73.0V	73.0V	73.0V
End-of-Discharge Voltage	42.0V	42.0V	54.0V	54.0V	54.0V
Max. Charge Current	30A	50A	50A	75A	100A
Max. Discharge Current	60A	100A	100A	100A	150A
Communication	IP65	IP65	IP65	IP65	IP65
Size (mm)	365*305*190mm	497*337*200mm	585*337*200mm	410*310*275mm	765*415*275mm
Weight (kg)	23Kg(about)	40Kg(about)	50Kg(about)	68Kg(about)	128Kg(about)

Marine LiFePO4 Battery



IP65 Waterproof



High safety and high reliability



High current discharge



Battery Model	24V200Ah-IP65	48V100Ah-IP65	64V314Ah-IP65
Battery Energy	4.8kWh	4.8kWh	20kWh
Nominal Voltage	25.6V	48V	64V
Rated Capacity	200Ah	100Ah	314Ah
End-of-Charge Voltage	29.0V	57.0V	73.0V
End-of-Discharge Voltage	21.0V	40.0V	54.0V
Max. Charge Current	100A	100A	100A
Max. Discharge Current	150A	200A	200A
IP Grade	IP65	IP65	IP65
Size (mm)	580*315*200mm	580*315*200mm	650*700*265mm
Weight (kg)	50kg(about)	48kg(about)	65kg(about)

eVTOL Battery



IP65 waterproof



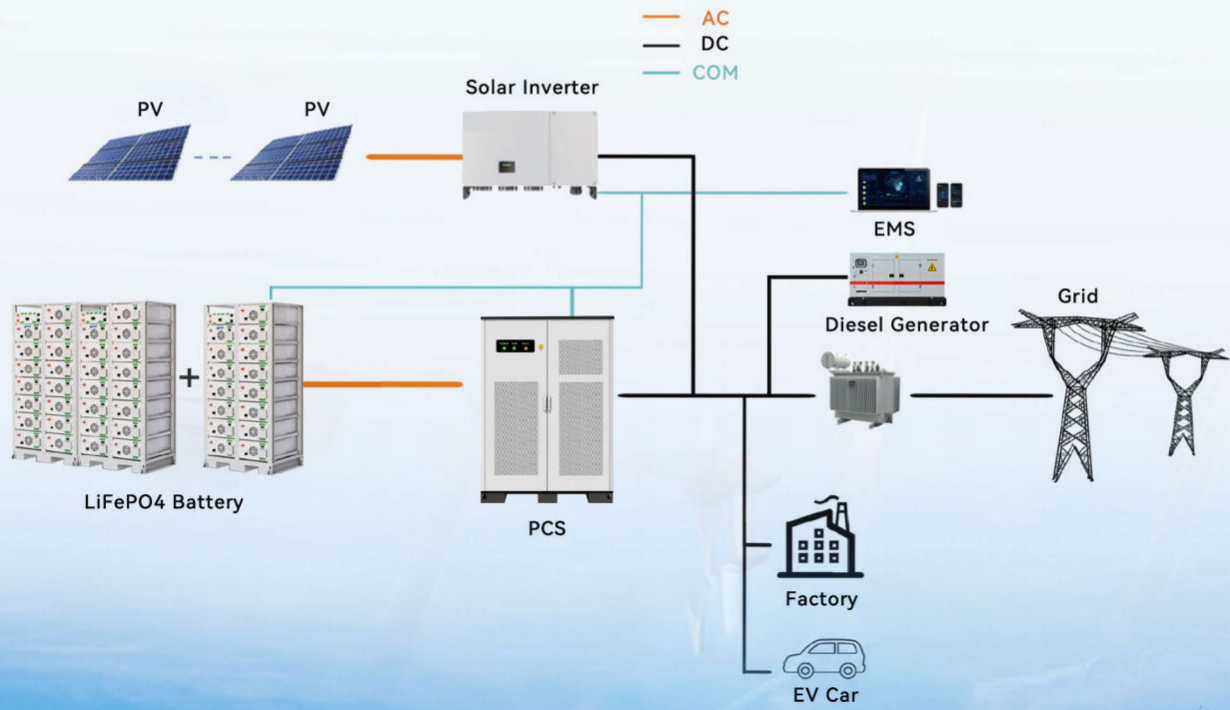
Model design



High safety and high reliability

Model	512V20Ah	614V20Ah
Nominal Voltage	5(Machine)+1(Main)	6(Machine)+1(Main)
Rated Capacity	20Ah	20Ah
End-of-Charge Voltage	576V	700V
End-of-Discharge Voltage	448V	448V
Max. Charge Current	10A	10A
Max. Discharge Current	200A	200A
Communication	CAN	CAN
Size (mm)	355*205*200mm 355*205*270mm	355*205*200mm 355*205*270mm
Weight (kg)	29kg(about)	29kg(about)

Solar-Diesel BESS Cabinet and Container



LiFePO4 Battery Cabinet (Air Cooling)-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 Number	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
Weight (kg)	650kg(about)	1150kg(about)	830kg(about)	1080kg(about)	1950kg(about)	2250kg(about)

LiFePO4 Battery Cabinet (Air Cooling)-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 Number	7	8	13	6	10	15
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
Weight (kg)	1320kg(about)	1450kg(about)	2050kg(about)	1250kg(about)	1950kg(about)	2250kg(about)

LiFePO4 Battery Cabinet (Liquid Cooling)-IP65



Integrated automatic coolant replenishment system



Compatible with mainstream high-voltage solar & energy storage inverters



IP65 waterproof



Battery Model	★156kWh	★209kWh	★261kWh	★522kWh
Battery Voltage	499.2V	665.6V	832V	832V628Ah
Module Specification	166V314Ah	166V314Ah	166V314Ah	166V314Ah
Modules Number	3	4	5	10
End-of-Charge Voltage	561.6V	748.8V	936V	936V
End-of-Discharge Voltage	436.8V	582.4V	728V	728V
Max. Charge Current	150A	150A	150A	150A
Max. Discharge Current	200A	200A	200A	200A
IP Grade	IP65(Battery)	IP65(Battery)	IP65(Battery)	IP65(Battery)
Size (mm)	1000*1300*1500mm	1000*1300*2000mm	1000*1300*2000mm	1900*1300*2200mm
Weight (kg)	1600kg(about)	2000kg(about)	2400kg(about)	4600kg(about)

LV Solar-Diesel BESS Cabinet (European / American Std. IP20)



LiFePO4 Battery+BMS/EMS/PCS+MPPT+Generator Port



Support PV and Grid charging



48V low voltage LiFePO4 battery

Battery Model	★ 48kWh+25kW/IP20	★ 64kWh+25kW/IP20	48kWh+25kW/IP20-N1 (American Voltage)	64kWh+25kW/IP20-N1 (American Voltage)
Battery Energy	48kWh/51.2V	64kWh/51.2V	48kWh/51.2V	64kWh/51.2V
PCS	25kW	25kW	25kW	25kW
MPPT Power	36kW(6 channels)	36kW(6 channels)	36kW(6 channels)	36kW(6 channels)
MPPT Voltage Range	90~450Vdc	90~450Vdc	90~450Vdc	90~450Vdc
AC Voltage	400Vac/230Vac	400Vac/230Vac	208Vac/120Vac, 230Vac/133Vac	208Vac/120Vac, 230Vac/133Vac
IP Grade	IP20	IP20	IP20	IP20
Generator	Yes	Yes	Yes	Yes
Communication	RS485/WiFi	RS485/WiFi	RS485/WiFi	RS485/WiFi
Size (mm)	670*900*1560mm	670*900*1560mm	750*920*1950mm	750*920*1950mm
Weight (kg)	550kg(about)	650kg(about)	900kg(about)	1000kg(about)

Solar-Diesel BESS Cabinet Air Cooling (50kWh~120kWh)



Supports multiple units in parallel



On/Off-grid switching time<10ms



LiFePO4 Battery+BMS/EMS/PCS+MPPT+Generator Port



Battery Model	★ 52kWh+25kW-HX1	★ 65kWh+30kW-HX1	★ 100kWh+50kW-HX1	★ 120kWh+60kW-HX1
Battery Energy	52kWh	65kWh	100kWh	120kWh
PCS	25kW	30kW	50kW	60kW
MPPT Power	38kW(2 channels)	38kW(2 channels)	75kW(2 channels)	75kW(2 channels)
MPPT Voltage Range	200~800Vdc	200~800Vdc	200~800Vdc	200~800Vdc
AC Voltage	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac
IP Grade	IP54	IP54	IP54	IP54
Generator	Yes	Yes	Yes	Yes
Size (mm)	665*950*2100mm	665*950*2100mm	740*1348*2280mm	740*1348*2280mm
Weight (kg)	900kg(about)	1000kg(about)	1200kg(about)	1320kg(about)

Solar-Diesel BESS Cabinet Air Cooling & Liquid Cooling (< 200kWh)



Supports multiple units in parallel



On/Off-grid switching time<10ms



LiFePO4 Battery+BMS/EMS/PCS+MPPT+Generator Port

Battery Model	★ 140kWh+60kW	★ 160kWh+60kW	★ 201kWh+60kW	156kWh+60kW-Liquid Cooling	209kWh+60kW-Liquid Cooling
Battery Energy	140kWh	160kWh	201kWh	156kWh	209kWh
PCS	60kW	60kW	60kW	60kW	60kW
MPPT Power	75kW(2 channels)	75kW(2 channels)	75kW(2 channels)	75kW(2 channels)	75kW(2 channels)
MPPT Voltage Range	200~800Vdc	200~800Vdc	200~800Vdc	200~800Vdc	200~800Vdc
AC Voltage	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac
IP Grade	IP54	IP54	IP54	IP65(Battery)	IP65(Battery)
Generator	Yes	Yes	Yes	Yes	Yes
Size (mm)	1200*1300*1800mm	1200*1300*1800mm	1800*1250*2050mm	1000*1300*2080mm	1000*1300*2080mm
Weight (kg)	1700kg(about)	1900kg(about)	2000kg(about)	1700kg(about)	2100kg(about)

Solar-Diesel BESS Cabinet Air Cooling (200kWh~250kWh)



Supports multiple units in parallel



On/Off-grid switching time<10ms



LiFePO4 Battery+BMS/EMS/PCS+MPPT+Generator Port



Battery Model	221kWh+60kW	★ 221kWh+125kW	241kWh+60kW	★ 241kWh+125kW
Battery Energy	221kWh	221kWh	241kWh	241kWh
PCS	60kW	125kW	60kW	125kW
MPPT Power	75kW(2 channels)	120kW 1 channel (4 channels optional)	75kW(2 channels)	120kW 1 channel (4 channels optional)
MPPT Voltage Range	200~800Vdc	250~850Vdc	200~800Vdc	250~850Vdc
AC Voltage	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac
IP Grade	IP54	IP54	IP54	IP54
Generator	Yes	Yes	Yes	Yes
Size (mm)	1200*1220*2260mm	1200*1250*2260mm	1200*1220*2260mm	1200*1250*2260mm
Weight (kg)	2100kg(about)	2350kg(about)	2300kg(about)	2500kg(about)

Solar / Solar-Diesel BESS Cabinet Liquid Cooling (261kWh Series)



IP65 Waterproof



Supports multiple units in parallel



Easy installation and maintenance

Battery Model	★ 261kWh+125kW BESS	★ 261kWh+125kW Solar BESS	★ 261kWh+125kW Solar-Diesel BESS	★ 261kWh+250kW Solar-Diesel BESS
Battery Energy	261kWh	261kWh	261kWh	261kWh
PCS	125kW	125kW	125kW	250kW
MPPT Power	/	120kW 1 channel (4 channels optional)	120kW 1 channel (4 channels optional)	240kW(2 channels)
MPPT Voltage Range	/	250~850Vdc	250~850Vdc	250~850Vdc
AC Voltage	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac
IP Grade	IP65(Battery)	IP65(Battery)	IP65(Battery)	IP65(Battery)
Parallel	/	12	12	6
Generator	/	/	Yes	Yes
Size (mm)	980*1300*2250mm	980*1300*2350mm	980*1300*2350mm	1620*1300*2000mm
Weight (kg)	2400kg(about)	2500kg(about)	2500kg(about)	2550kg(about)

Solar-Diesel BESS Cabinet Liquid Cooling (300kWh~600kWh)



IP65 Waterproof



Supports multiple units in parallel



On/Off-grid switching time<10ms



Battery Model	313kWh+100kW	418kWh+200kW	522kWh+125kW	★ 522kWh+250kW
Battery Energy	313kWh	418kWh	522kWh	522kWh
PCS	100kW	200kW	125kW	250kW
MPPT Power	120kW 1 channel (4 channels optional)	240kW(2 channels)	120kW 1 channel (4 channels optional)	240kW(2 channels)
MPPT Voltage Range	250~850Vdc	250~850Vdc	250~850Vdc	250~850Vdc
AC Voltage	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac
IP Grade	IP65(Battery)	IP65(Battery)	IP65(Battery)	IP65(Battery)
Parallel	6	6	6	6
Generator	Yes	Yes	Yes	Yes
Size (mm)	2600*1370*2050mm	2600*1370*2050mm	2570*1370*2050mm	2570*1370*2050mm
Weight (kg)	3500kg(about)	4300kg(about)	4800kg(about)	4900kg(about)

Solar-Diesel BESS Container Liquid Cooling (8ft / 10ft)



IP65 Waterproof



On/Off-grid switching time<10ms



LiFePO₄ Battery+BMS/EMS/PCS+MPPT+Generator Port

Battery Model	★ 520kWh+250kW-Liquid Cooling	★ 783kWh+375kW-Liquid Cooling	★ 1MWh+500kW-Liquid Cooling
Battery Energy	520kWh	783kWh	1MWh
PCS	250kW	375kW	500kW
MPPT Power	240kW(2 channels)	360kW(3 channels)	480kW(4 channels)
MPPT Voltage Range	250~850Vdc	250~850Vdc	250~850Vdc
Rated AC Current	375A	560A	750A
AC Voltage	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac
IP Grade	IP65(Battery)	IP65(Battery)	IP65(Battery)
Generator	Yes	Yes	Yes
Size (mm)	2500*2200*2200mm	2991*2438*2896mm	2991*2438*2896mm
Weight (kg)	5500kg(about)	9300kg(about)	10500kg(about)

Solar-Diesel BESS Container Air Cooling (20ft)



Supports multiple units in parallel



On/Off-grid switching time<10ms



LiFePO4 Battery+BMS/EMS/PCS+MPPT+Generator Port



Battery Model	20GP-(1MWh+500kW)	20GP-(1.5MWh+750kW)	20GP-(2MWh+1MW)
Battery Energy	1MWh	1.5MWh	2MWh
PCS	500kW	750kW	1000kW
Rated AC Current	757A	1130A	1500A
Rated Grid Voltage	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac
MPPT Power	480kW(4 channels)	720kW(6 channels)	960kW(8 channels)
MPPT Voltage Range	250~850Vdc	250~850Vdc	250~850Vdc
IP Grade	IP54	IP54	IP54
Generator	Yes	Yes	Yes
Size (mm)	6058*2438*2896mm	6058*2438*2896mm	6058*2438*2896mm
Weight (kg)	12000kg(about)	15500kg(about)	20000kg(about)

Solar-Diesel BESS Container Liquid Cooling (20ft)



IP65 Waterproof



On/Off-grid switching time<10ms



LiFePO4 Battery+BMS/EMS/PCS+MPPT+Generator Port

Battery Model	★20GP-1MWh+500kW	★20GP-1.5MWh+750kW	★20GP-2MWh+1MW	★20GP-2MWh+1MW-AC Coupling
Battery Energy	1MWh	1.5MWh	2MWh	2MWh
PCS	500kW	750kW	1000kW	1000kW
Rated AC Current	757A	1130A	1500A	1500A
Rated Grid Voltage	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac
MPPT Power	480kW(4 channels)	720kW(6 channels)	960kW(8 channels)	Solar Inverter: 125kW(8~10 Pieces)
MPPT Voltage Range	250~850Vdc	250~850Vdc	250~850Vdc	200~950Vdc
IP Grade	IP65(Battery)	IP65(Battery)	IP65(Battery)	IP65(Battery)
Generator	Yes	Yes	Yes	Yes
Size (mm)	6058*2438*2896mm	6058*2438*2896mm	6058*2438*2896mm	6058*2438*2896mm
Weight (kg)	11500kg(about)	15500kg(about)	23500kg(about)	23500kg(about)

PCS Cabinet / Solar-Diesel BESS



Wide input voltage range



Support on-grid and off-grid output



Multi-channels MPPT



Model	PCS500-0401	PCS500-480M4-with MPPT	PCS500-480M4-with MPPT and Transformer
Power	500kW	500kW	500kW
MPPT Rated Power	/	480kW	480kW
Max. PV Voltage	/	950Vdc	950Vdc
MPPT Voltage Range	/	250~850Vdc	250~850Vdc
MPPT Number of Channels	/	4 channels	4 channels
Battery Voltage Range	680~950Vdc	680~950Vdc	680~950Vdc
Load / PV / Grid / GEN	750kW/500kW/750kW	750kW/500kW/750kW	750kW/500kW/750kW
Transformer	/	/	Yes
Size (mm)	750*1000*1700mm	1600*1050*2060mm	1600*1050*2300mm
Weight (kg)	600kg(about)	1200kg(about)	2600kg(about)

Combiner Cabinet / Solar-Diesel BESS



Hybrid grid cabinet, supporting loads/grid/PV/diesel generator



On/Off-grid switching time<10ms



Integrates combiner, distribution, lightning protection

Model	CMB500-0401	CMB750-0601
Power	500kW	750kW
Input & Output Channels	4 and 1	6 and 1
Input & Output Voltage	380Vac or 400Vac	380Vac or 400Vac
Load / PV / Grid / GEN	1000A/1000A/1500A/1500A	1500A/1500A/2000A/2000A
Max. Input Current	250A	250A
Switching Time	<10ms	<10ms
Communication	RS485/4G	RS485/4G
IP Grade	IP54	IP54
Size (mm)	875*900*2020mm	1100*900*2020mm
Weight (kg)	400kg(about)	500kg(about)

Solar-Diesel BESS Cabinet (1P Series)



Supports 1C high current discharge



On/Off-grid switching time<10ms



LiFePO4 Battery+BMS/EMS/PCS+MPPT+Generator Port



Battery Model	★ 65kWh+60kW	★ 105kWh+100kW	★ 158kWh+150kW	★ 265kWh+250kW-Liquid Cooling
Battery Energy	65kWh	105kWh	158kWh	265kWh
PCS	60kW	100kW	150kW	250kW
MPPT Power	75kW(2 channels)	120kW 1 channel (4 channels optional)	120kW 1 channel (4 channels optional)	240kW(2 channels)
MPPT Voltage Range	200~800Vdc	250~850Vdc	250~850Vdc	250~850Vdc
AC Voltage	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac
IP Grade	IP54	IP54	IP54	IP65(Battery)
Parallel	3	6	6	6
Generator	Yes	Yes	Yes	Yes
Size (mm)	750*620*1950mm	1200*1100*1800mm	1200*1200*1800mm	1570*1300*2000mm
Weight (kg)	1000kg(about)	1500kg(about)	1870kg(about)	2400kg(about)

Solar-Diesel BESS Cabinet and Container (Turbo Series)



Integrated isolation transformer



On/Off-grid switching time<10ms



LiFePO4 Battery+BMS/EMS/PCS+MPPT+Generator Port

Battery Model	★ 241kWh+125kW	★ 261kWh+125kW-Liquid Cooling	★ 522kWh+250kW-Liquid Cooling
Battery Energy	241kWh	261kWh	522kWh
PCS	125kW	125kW	250kW
MPPT Power	240kW(2 channels)	240kW(2 channels)	240kW(2 channels)
MPPT Voltage Range	250~850Vdc	250~850Vdc	250~850Vdc
AC Voltage	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac
Transformer	Yes	Yes	Yes
Generator	Yes	Yes	Yes
Parallel	12	12	6
IP Grade	IP54	IP65(Battery)	IP65(Battery)
Size (mm)	1600*1250*2260mm	1620*1300*2350mm	2200*2000*2150mm
Weight (kg)	2800kg(about)	3100kg(about)	5300kg(about)

Solar-Diesel BESS Cabinet (Integrated Deye/Solis Inverter)



Integrate Deye/Solis inverters and iEMS



Built-in hybrid inverter, long lifespan+anti-theft



LiFePO4 Battery+BMS/EMS/PCS+MPPT+Generator Port



Battery Model	★100kWh+50kW	★201kWh+100kW	★209kWh+100kW-Liquid Cooling	★261kWh+125kW-Liquid Cooling
Battery Energy	100kWh	201kWh	209kWh	261kWh
PCS	50kW	100kW	100kW	125kW
MPPT Power	120kW(4 channels)	200kW(10 channels)	200kW(10 channels)	200kW(10 channels)
MPPT Voltage Range	150~850Vdc	150~950Vdc	150~950Vdc	150~950Vdc
AC Voltage	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac	400Vac/230Vac
IP Grade	IP54	IP54	IP65(Battery)	IP65(Battery)
Parallel	6	6	6	6
Generator	Yes	Yes	Yes	Yes
Size (mm)	1050*1200*1860mm	1050*1200*1860mm	980*1300*2200mm	1450*1350*2050mm
Weight (kg)	1250kg(about)	1500kg(about)	2500kg(about)	2600kg(about)

230Vac & 480Vac 3-Phase Series / American Std. Voltage Solar-Diesel BESS Cabinet



Supports American & Japan standard voltages
(208Vac/230Vac/440Vac/480Vac)



On/Off-grid switching time<10ms



LiFePO4 Battery+BMS/EMS/PCS+MPPT+Generator Port

Battery Model	★65kWh+30kW/230Vac	★100kWh+50kW/230Vac	★241kWh+125kW/230Vac	★241kWh+125kW/480Vac	★261kWh+125kW/480Vac Liquid Cooling
Battery Energy	65kWh	100kWh	241kWh	241kWh	261kWh
PCS	30kW	50kW	125kW	125kW	125kW
MPPT Power	38kW(2 channels)	75kW(2 channels)	120kW 1 channel (4 channels optional)	120kW 1 channel (4 channels optional)	120kW 1 channel (4 channels optional)
MPPT Voltage Range	200~800Vdc	200~800Vdc	250~850Vdc	250~850Vdc	250~850Vdc
AC Voltage	208Vac/120Vac, 230Vac/133Vac	208Vac/120Vac, 230Vac/133Vac	208Vac/120Vac, 230Vac/133Vac	440Vac/120Vac, 480Vac/277Vac	440Vac/120Vac, 480Vac/277Vac
IP Grade	IP54	IP54	IP54	IP54	IP65(Battery)
Parallel	3	3	10	10	6
Generator	Yes	Yes	Yes	Yes	Yes
Size (mm)	750*920*1950mm	740*1348*2350mm	1600*1300*2260mm	1600*1300*2260mm	1600*1300*2320mm
Weight (kg)	900kg(about)	1300kg(about)	2650kg(about)	2650kg(about)	2500kg(about)

EV Fast Charger BESS Cabinet (0.5P/1P)



GBT/CCS1/CCS2/CHAdeMO



Integrated PCS/MPPT/Charge Module



Solar/Storage/Charger with DC Coupling



Battery Model	★ 87kWh+80kW(1 or 2 Guns) Air-Cooling	★ 203kWh+200kW(2 Guns) Liquid Cooling	★ 209kWh+120kW(2 Guns) Liquid Cooling	★ 265kWh+240kW(2 Guns) Liquid Cooling
Battery Energy	87kWh	203kWh	209kWh	265kWh
Fast Charge Power	80kW	200kW	120kW	240kW
Max. AC Recharge Power	30kW	30kW(100kW optional)	30kW(60kW optional)	125kW(250kW optional)
Max. DC Recharge Power	40kW	100kW	100kW	130kW
Max. PV Recharge Power	38kW(optional)	38kW(120kW optional)	38kW(75kW optional)	120kW(240kW optional)
Communication	RS485(WiFi/4G optional)	RS485(WiFi/4G optional)	RS485(WiFi/4G optional)	RS485(WiFi/4G optional)
IP Grade	IP54	IP65(Battery)	IP65(Battery)	IP65(Battery)
Size (mm)	1650*1200*1600mm	1880*1380*1880mm	1940*1300*1750mm	1940*1300*1950mm
Weight (kg)	1000kg(about)	2550kg(about)	2450kg(about)	2650kg(about)

EV Fast Charger BESS Container (Liquid Cooling)



GBT/CCS1/CCS2/CHAdeMO



Integrated PCS/MPPT/Charge Module



Supports AC off-grid output

Battery Model	522kWh+240kW(2 Guns)	522kWh+480kW(2 Guns)	★ 1MWh+480kW(4 Guns)	★ 1.5MWh+480kW(4 Guns)
Battery Energy	522kWh	522kWh	1MWh	1.5MWh
Fast Charge Power	240kW	480kW	480kW	480kW
Max. AC Recharge Power	125kW(250kW optional)	200kW	250kW(500kW optional)	750kW
Max. DC Recharge Power	120kW(160kW optional)	200kW	240kW(320kW optional)	320kW
Max. PV Recharge Power	240kW(optional)	240kW(optional)	240kW(480kW optional)	720kW(optional)
Communication	RS485(WiFi/4G optional)	RS485(WiFi/4G optional)	RS485(WiFi/4G optional)	RS485(WiFi/4G optional)
IP Grade	IP65(Battery)	IP65(Battery)	IP65(Battery)	IP65(Battery)
Size (mm)	2991*2438*2896mm	2991*2438*2896mm	6058*2438*2896mm	6058*2438*2896mm
Weight (kg)	9500kg(about)	9550kg(about)	22000kg(about)	25000kg(about)

Hybrid Inverter Series



Solar off-grid Inverter (European IP20)



Integrated UPS Function



PV Charge + Grid Charge



Support WiFi



Model	1kW/A1	3kW/A1	6kW/A1	12kW/A1
Battery Voltage	12Vdc	24Vdc	48Vdc	48Vdc
Rated Power	1kW	3.6kW	6kW	12kW
Rated Grid Voltage	230Vac	230Vac	230Vac	230Vac
MPPT PV Power	1kW	5kW	8.5kW	15kW
Rated PV Voltage	20~100Vdc	40~450Vdc	60~450Vdc	60~450Vdc
IP Grade	IP20	IP20	IP20	IP20
Size (mm)	330*228*90mm	300*110*360mm	335*125*480mm	495*420*120mm
Weight (kg)	3.2Kg(about)	8Kg(about)	12Kg(about)	15Kg(about)

Solar off-grid Inverter (America IP20)



Support America Voltage



PV Charge + Grid Charge



on-grid, off-grid and UPS

Model	3kW/J1-Low Voltage	5kW/J1-Low Voltage	6kW/NA1-Split-Phase	12kW/NA1-Split-Phase
Battery Voltage	24Vdc	48Vdc	48Vdc	48Vdc
Rated Power	3kW	5kW	6kW	12kW
Rated Grid Voltage	120Vac	120Vac	120Vac/240Vac	120Vac/240Vac
Max. PV Power	3.6kW	6kW	7.2kW	6kW*2
MPPT Max. Voltage	300Vdc	300Vdc	500Vdc	500Vdc
MPPT Voltage Range	70~280Vdc	70~280Vdc	120~450Vdc	90~450Vdc
IP Grade	IP20	IP20	IP20	IP20
Size (mm)	326*275*95mm	363*105*300mm	363*105*300mm	620*450*132mm
Weight (kg)	6.5Kg(about)	8.4Kg(about)	9Kg(about)	23.8Kg(about)

Solar Hybrid Inverter (European IP20)



Support WiFi



PV Charge + Grid Charge



Supporting Hybrid Unlimited Load



Model	6kW/HA1-IP20	12kW/HA1-IP20
Battery Voltage	48Vdc	48Vdc
Rated Power	6kW	12kW
Rated Grid Voltage	230Vac	230Vac
MPPT PV Power	6.5kW	6kW*2
Rated PV Voltage	500Vdc	500Vdc
MPPT Voltage Range	90~450Vdc	90~450Vdc
IP Grade	IP20	IP20
Size (mm)	428*280*110mm	540*350*120mm
Weight (kg)	8.5Kg(about)	19.5Kg(about)

Solar Hybrid Inverter (European IP65)



IP65 Waterproof



PV Charge + Grid Charge



on-grid, off-grid and UPS

Model	6kW/A1-IP65	10kW/A1-IP65	12kW/A1-IP65
Battery Voltage Range	40~60Vdc	40~60Vdc	40~60Vdc
Rated Power	6kW	10kW	12kW
Rated Grid Voltage	220/380Vac, 230/400Vac	220/380Vac, 230/400Vac	220/380Vac, 230/400Vac
MPPT PV Power	7.8kW	13kW	15.6kW
Rated PV Voltage	800Vdc	800Vdc	800Vdc
MPPT Voltage Range	200~650Vdc	200~650Vdc	200~650Vdc
IP Grade	IP65	IP65	IP65
Size (mm)	422*702*281mm	422*702*281mm	422*702*281mm
Weight (kg)	33.6Kg(about)	33.6Kg(about)	33.6Kg(about)

Solar Hybrid Inverter (America IP65)



IP65 Waterproof



PV Charge + Grid Charge



on-grid, off-grid and UPS



Model	10kW/A1-IP65-Split-Phase	12kW/A1-IP65-Split-Phase
Battery Voltage Range	40~60Vdc	40~60Vdc
Rated Power	10kW	12kW
Rated Grid Voltage	120Vac/240Vac	120Vac/240Vac
MPPT PV Power	15kW	18kW
Rated PV Voltage	500Vdc	500Vdc
MPPT Voltage Range	150~425Vdc	150~425Vdc
IP Grade	IP65	IP65
Size (mm)	420*670*233mm	420*670*233mm
Weight (kg)	35.6Kg(about)	35.6Kg(about)

Solar Hybrid Inverter (High Voltage Battery-European IP65)



IP65 Waterproof



PV Charge + Grid Charge



High voltage LiFePO4 Battery

Model	50KH3/B1	60KH3/B1	80KH3/B1
Battery Voltage	160~800Vdc	160~1000Vdc	160~1000Vdc
Rated Power	50kW	60kW	80kW
Rated Grid Voltage	220/380Vac, 230/400Vac	220/380Vac, 230/400Vac	220/380Vac, 230/400Vac
MPPT PV Power	80kW	96kW	128kW
Rated PV Voltage	1000Vdc	1000Vdc	1000Vdc
MPPT Voltage Range	150~850Vdc	150~850Vdc	150~850Vdc
IP Grade	IP65	IP65	IP65
Size (mm)	527*894*294mm	606*927*314mm	606*927*314mm
Weight (kg)	80Kg(about)	98Kg(about)	98Kg(about)

MonkeyBattery - Power Everywhere. Play Anywhere



Driving New Energy through Innovation
to Power Every Sector Worldwide

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