












Battery Energy Storage Cabinet

215KWh
Outdoor

-  High-performance LiFePo4 battery .
-  Intelligent temperature control .
-  Real-time data backup.
-  Automatic fire fighting system with high safety.
-  Patented design with pressure relief and flame arrest.
-  One-button start, automatic operating and it support multiple parallel connection.
-  IP55 Protection class IP55, suitable for outdoor use.
-  Four layers of safety protection design for reliability.
-  Remote viewing service.

Shenzhen Enershare Technology Co.,Ltd

Tel: 0086-755-28718021 E-mail: wesleyyan@enershare.cn

<https://www.enershare.cn>

Outdoor Battery Energy Storage Cabinet

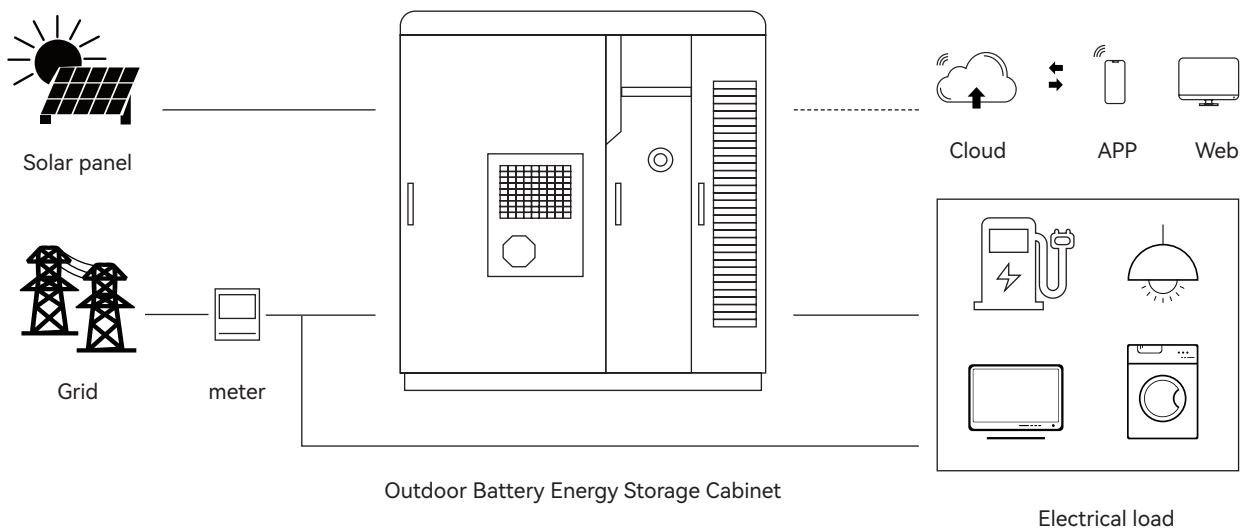
Description:

The whole system is plug-and-play, easy to be transported, installed and maintained. It is an one-stop integration system and consist of battery module, PCS, PV controller (MPPT) (optional) , control system, fire control system, temperature control system and monitoring system. The synergy of the system components can achieve effective charging and discharging. It adopts AC coupled micro-grid structure, PCS, load, grid, and access to AC bus, and the corresponding control strategy is developed according to the actual case to ensure the safety of power supply.

The battery cluster consists of modules connected in series, and the whole battery system is controlled by BCM to monitor the cluster voltage and current in real time. The battery module consists of LiFePo4 battery cells. It adopts distributed BMM control system with functions of collecting the battery voltage, battery temperature and battery equalization to ensure the module works effectively and safely.



Outdoor Battery Energy Storage Cabinet



Outdoor Battery Energy Storage Cabinet

Model	Enershare2.0-30P	Enershare2.0-60P	Enershare2.0-100P
Battery parameters			
Cell Type	LFP-280Ah		
Module Model	IP20S		
System Configuration	1P240S		
Battery Capacity (BOL)	215kWh		
Battery voltage range	672V-864V		
AC on-grid parameters			
Grid Type	3P4W		
Rated charge/discharge power	30kW	60kW	100kW
Rated grid voltage	AC400V		
Grid Voltage range	-15%~+15%		
Rated grid frequency	50Hz		
Frequency range	±5Hz		
Rated current	43A	86A	172A
Power Factor	0.8 (Leading) ~0.8 (Lagging)		
Output Harmonics (Rated power)	≤ 3%		
General parameters			
Dimension (W*H*D)	1900*2100*1330mm		
Max Weight	2500kg		
IP Protection Rating	IP55 (Battery room) IP34 (Electrical room)		
Seismic Intensity Rating	8 degree (IEC60980)		
Anti-corrosion grade	C3		
Operating temperature 【1】	-20°C ~ 50°C		
Relative Humidity	0-95% (Non-condensing)		
Altitude 【2】	< 2000m		
Cooling method	Battery room: air conditioning; Electrical room: forced air cooling		
Noise	≤ 75dB		
Fire fighting System	Automatic fire extinguishing		
Fire extinguishing media	FM200		
Communication Interface	RS485、Ethernet		
Communication protocols	Modbus RTU、Modbus TCP/IP		
Photovoltaic side parameters (Optional)			
Maximum input module power	30kW/60kW	30kW/60kW/120kW	30kW/60kW/120kW
MPPT Voltage Range	200V-850V	200V-850V	200V-850V
Number of MPPT paths	1/1	1/1/2	1/1/2
Number of PV input channels	1/1	1/1/2	1/1/2
Maximum input current	100A/200A	100A/200A/400A	100A/200A/400A