



Containerized Energy Storage

500KW-1200KWh
BESS

Container energy storage product is specifically designed for large-scale and utility-scale energy storage applications, including solar power plants, wind farms, and thermal power plants, offering numerous advantages in peak shaving, grid scheduling, and energy shifting.

Shenzhen Enershare Technology Co.,Ltd

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

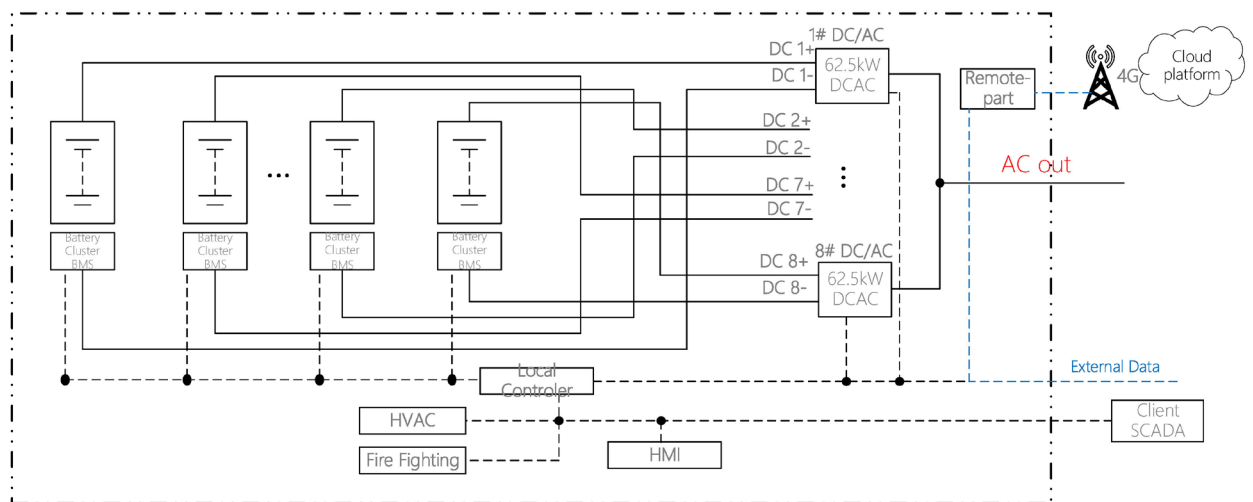
<https://www.enershare.cn>

Containerized Battery Energy Storage System

Description:

Enerbank adopts All-in-One design and integrates battery modules, intelligent Power Conversion System (PCS), Power Distribution Unit (PDU), Fire Suppression System (FSS), Temperature Control System (TCS), and intelligent Monitoring System (IMS) by one-stop in the container of international standard size, which is easy to lift and transfer, well meet the requirements of ocean and highway transportation. EnerCube is equipped with EV-safety high-performance LFP batteries, and the battery cluster consists of a series of highly reliable automotive process modules.

Battery Management System (BMS) automatically control and monitor the entire battery system in real time, and it also has functions functions such as battery balance management and fault self-diagnosis to ensure the safe and smooth operation of the module. At the same time, the Energy Management System (EMS) is responsible for the overall scheduling and the intelligent interconnection with cloud platforms, enabling 24-hour cloud data analysis and intelligent operation and maintenance.



Product Parameters

Item	Enerbank2.0-1200
◎ DC Input Parameters	
Cell type	LFP-220Ah
Module model	1P12S
System configuration	8*1P216S
Battery capacity(BOL)	1216.512kWh
Battery voltage range	604.8V ~ 777.6V
◎ AC Output Parameters	
Rated output power	500kW
Max. output power	500kW
Rated voltage	AC400, 3P3W+PE
Rated grid frequency	50Hz±5Hz/60Hz±5Hz
Max. output current	720A
Power factor	Listed: 0.8~1 leading or lagging (Load-depend) Actual: 0.1~1 leading or lagging (Load-depend)
THD	< 3%
Overload capacity	110%, 10 mins; 120%, 60s
◎ General parameters	
Container dimension (W*D*H)	7458×2438×2640mm
Weight	23000kg
Isolation transformer	No
Protection grade	Battery room: IP54, PCS room: IP34
Container anti-corrosion grade	C3
Operating temperature 【1】	-20°C ~ 55°C
Relative humidity	0-95% (non-condensing)
Max. running altitude 【2】	2000m
Cooling type of battery room	Battery room: HVAC, PCS room: forced air cooling
Noise	≤ 75dB
System efficiency	≥ 88%
Cycling Life	5 years or > 3000 times
Fire fighting design	FAS & FM200
Communication interface and protocol	Ethernet, Modbus TCP/IP
Design standard	G99, IEC 62933, IEC62619, GB_T36558