Industrial and commercial ESS-40-foot container

Containerised energy storage systems help to use and manage energy more efficiently,reduce electricity costs, and can be used in a variety of scenarios, such as peak and valley arbitrage for power users, grid frequency regulation and peak shifting,improving the consumption of new energy sources, and improving the stability of power supply from the grid.

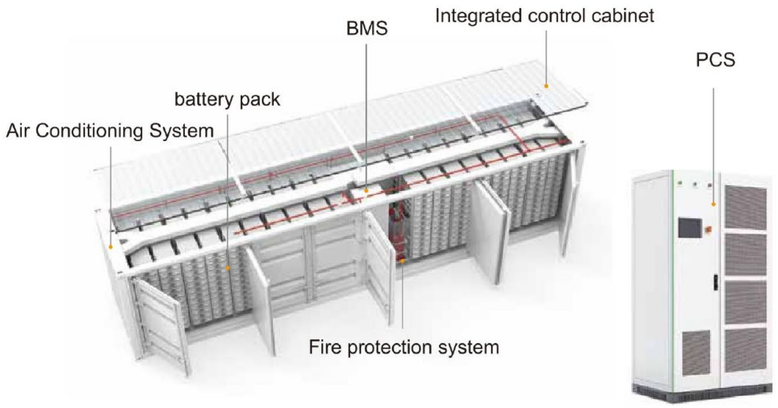


- Fault classification processing mechanism
- Automatic fire alarm and automatic fire extinguishing system
- Advanced battery management system
- Plug and use, low installation, operation and post-maintenance costs
- Protection class IP54

PRODUCT PARAMETERS

Product Model	2560kWh 40ft Cabinet	5218kWh 40ft Cabinet
power	1250KW	2500KW
capacity	2560kWh	5218kWh
Nominal voltage	768V	1331.2V
level of protection	IP54	IP54
operating temperature	-30-50°°C	-30-50°°C
Altitude	4000m	4000m
Dimension(W*D*H)mm	12192x2438x2896	12192x2438x2896
cooling system	Industrial Air Conditioning/air-cooling	liquid-cooling
fire protection system	Gas firefighting (Heptafluoropropane)	Gas firefighting (Heptafluoropropane)
Fire test	2h	2h
Wind load	0.6kN/m^3	0.6kN/m^3
Seismic level	Level 10	Level 10
lacquer	Zinc-rich primer surface + fluorocarbon topcoat ≥100um	

Containerized Solutions



Multiple strings of battery modules are connected in series to the integrated control cabinet through the high-voltage control box.
The integrated control cabinet outputs the overall DC circuit and is connected to the PCS, and then connected to the grid through the PCS.

Industrial and commercial ESS-20-foot container

Containerised energy storage systems help b to use and manage energy more efficiently,reduce electricity costs, and can be used in a variety of scenarios, such as peak and valley arbitrage for power users, grid frequency regulation and peak shifting,improving the consumption of new energy sources, and improving the stability of power supply from the grid.

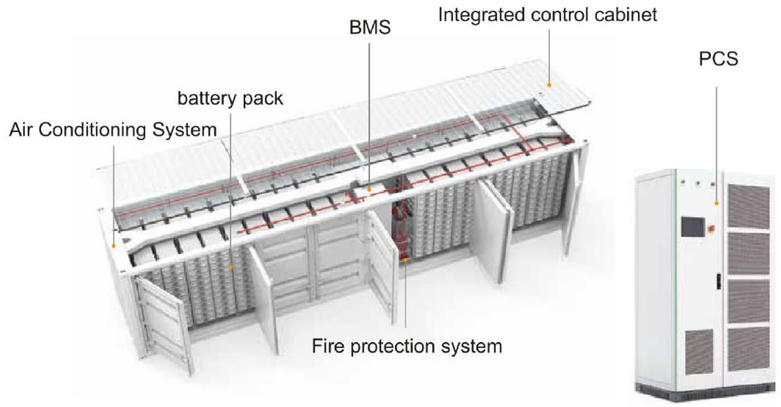


- Fault classification processing mechanism
- Automatic fire alarm and automatic fire extinguishing system
- Advanced battery management system
- Plug and use, low installation, operation and post-maintenance costs
- Protection class IP54

PRODUCT PARAMETERS

Product Model	1290kWh 20ft Cabinet	3440kWh 20ft Cabinet
power	600KW	1725KW
capacity	1290kWh	3440kWh
Nominal voltage	768V	1228.8V
level of protection	IP54	IP54
operating temperature	-30-50°□	-30-50°□
Altitude	4000m	4000m
Dimension(W*D*H)mm	6058x2438x2896	6058x2438x2896
cooling system	Industrial Air Conditioning/air-cooling	liquid-cooling
fire protection system	Gas firefighting (Heptafluoropropane)	Gas firefighting (Heptafluoropropane)
Fire test	2h	2h
Wind load	0.6kN/m^3	0.6kN/m^3
Seismic level	Level 10	Level 10
lacquer	Zinc-rich primer surface + fluorocarbon topcoat ≥100um	

Containerized Solutions



Multiple strings of battery modules are connected in series to the integrated control cabinet through the high-voltage control box.
The integrated control cabinet outputs the overall DC circuit and is connected to the PCS, and then connected to the grid through the PCS.