

1.2~2.89MWh On Grid Liquid-cooled ESS



Features

Efficient & Flexible

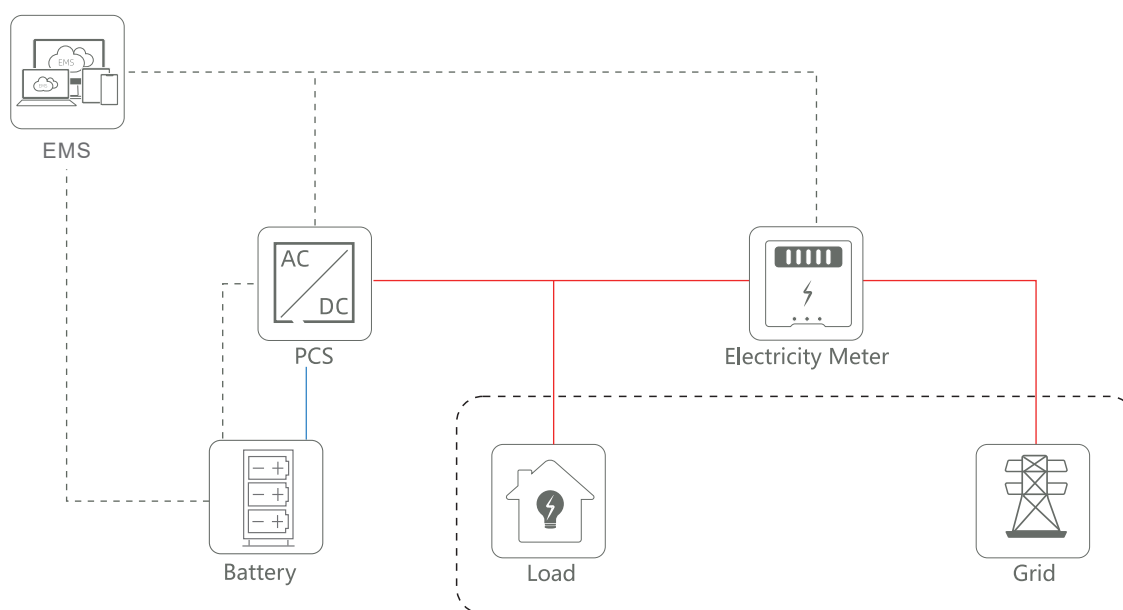
- Pre-assembled system lowers cost, speeds delivery and deployment
- Smart parallel control enables multi-unit operation and scalability

Safe & Reliable

- Intelligent liquid cooling ensures consistent battery temperature
- Three-layer BMS provides full monitoring and system optimization

Smart & User-friendly

- Smart EMS offers multiple modes to maximize revenue
- Supports iOS/Android platforms with user-friendly interface



Communication - - - - -

AC ———

DC ———

The equipment within the frame does not belong to the energy storage system

Model	BATT-GS-xxx/yyy-L* ¹							
	625/1205	750/1446	875/1688	1000/1929	1125/2170	1250/2411	1375/2652	1500/2893
Application	On-grid							
Battery Parameters								
Cell Type	LFP 3.2V/314Ah							
Battery Module	48S1P/48.23kWh							
System Configuration	240S5P	240S6P	240S7P	240S8P	240S9P	240S10P	240S11P	240S12P
Rated Voltage	768V							
Voltage Range	648~864V							
System Energy	1205.76kWh	1446.91kWh	1688.06kWh	1929.21kWh	2170.36kWh	2411.52kWh	2652.67kWh	2893.82kWh
Charge/Discharge Rate	0.5P							
Cycle Life	7000							
AC Output Parameters								
Rated Power	625kW	750kW	875kW	1000kW	1125kW	1250kW	1375kW	1500kW
Rated Voltage	400V							
Rated Current	181A*5	181A*6	181A*7	181A*8	181A*9	181A*10	181A*11	181A*12
Operating Frequency	50Hz/60Hz							
Power Factor	0.9 Leading~0.9 Lagging							
System Parameters								
System Efficiency	88%							
Thermal Management	Liquid-cooled							
Fire Protection System	Aerosol							
Operating Temperature	-20~+55°C(>45°C Derating)							
Operating Humidity	0~95%(Non-condensing)							
Operatinig Noise	≤75 dB(A)@3 m							
Max. Operating Altitude	4000m (>2000m Derating)							
Ingress Protection	IP54							
Communication Method	Ethernet,4G							
Weight(Approx.)	17T	21T	23T	24T	25T	26T	28T	30T
Dimensions(L*W*H)	6058*2438*2896mm							
Certification Standards	UN38.3,MSDS,IEC 62619,EN 62477,IEC 62933-5-2,EN IEC 61000-6-2/4,G99,G100, VDE-AR-N 4105,VDE-AR-N 4110/4120,EN 50549-1&2/10,C10/11,NRS 097-2-1,TOR, IEC 62116/IEC 61727,MEA,PEA,UNE 217001,UNE 217002,NTS 631,AS4777							

*1: The"xxx" in the product model depends on the AC output Power, and "yyy" depends on the battery capacity.

For example, in a liquid cooling system, the model with 625kW output power and 1205kWh system capacity is "BATT-GS-625/1205-L".

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