Grid-connected BESS (Liquid cooling)

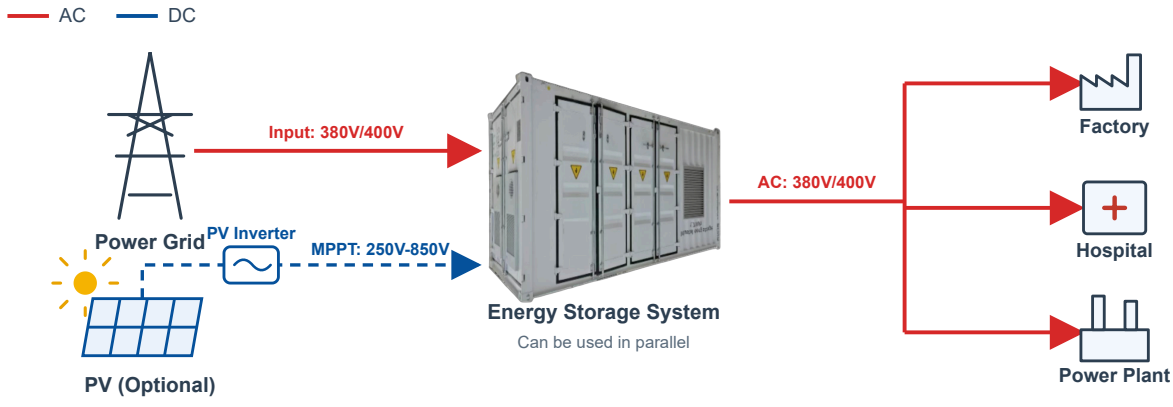
BESS: Battery Energy Storage System

2610kWh / 1250kW

GRID-CONNECTED ENERGY STORAGE SYSTEM

- LFP 314Ah · 10P260S · 2610kWh
- Liquid cooling · ≥8000 cycles · IP54
- 1250kW grid-connected PCS · 1300kW peak
- Modular 52.25kWh battery module · 1P52S





2610kWh-1250kW Parameter Introduction

SPECIFICATION

Model	TY-2610kWh-1250kW	
Energy Storage System Parameters		
Cell Type [V/Ah]	LFP-314Ah	
Capacity [kWh]	2610kWh	
Configuration	10P260S	
Nominal Battery Voltage	832V	
Operating Voltage Range [V]	748V-915V	
Operating Temperature Range	-25℃ to 55℃	
Cooling Method	Liquid cooling	
Cycle Life	≥8000 cycles	
Protection Level	IP54	
Operating Altitude	≤4000m	
Dimensions (W x D x H) mm	6050*2438*2400mm	
Weight	25T	
Inverter Parameters		
Type Of Inverter	Grid connection	
AC Rated Output Power	1250kW	
AC Maximum Output Power	1300kW	
PCS Rated Voltage	400V	
Rated Frequency	50/60Hz	
Maximum PV Input Voltage	/	
MPPT Operating Voltage Range	/	
MPPT Full Load Voltage Range	/	
Battery Module Parameters		
Capacity	52.25kWh	
Battery Module Configuration	1P52S	
Nominal Voltage	166.4V	
Cell Capacity	314Ah	
Dimension (mm)	770*1130*245	
Battery Module Weight	360KG	

* The parameters are for reference only; the actual product shall prevail. Support customization and on-demand customization.

Application Scenarios



Factory Power Supply



Supermarket & Retail Power Supply



PV Power Generation



Disaster Emergency Power



Gas Station (Non-hazardous Area)



Mountain & Island Microgrid

Company Profile

Dongguan Tao Yan New Energy Technology Co., Ltd. is an energy-storage enterprise under TAOKE. The parent company TAOKE leads core technology R&D and design, with an R&D team from well-known enterprises such as Luxshare and Foxlink, holding integrated battery + PCS + EMS R&D capabilities. TAO YAN focuses on the manufacturing, sales and after-sales service of commercial & industrial (C&I) solar-storage systems, operates energy-storage PACK and system-integration production lines, and also offers residential energy storage and solar-storage-charging integrated products. Our products cover C&I BESS from 215 kWh to 5 MWh, residential storage and solar-storage-charging all-in-one units, with proven project experience in C&I solar-storage scenarios such as factories and industrial parks. Our products are certified to UL, CE, IEC and more, exported to 60+ countries and regions, serving over 100,000 households and 600+ enterprise clients with 4,000+ successful cases.

Mission: Driving new energy through innovation to bring green power to every sector.

Vision: To be a commercial & industrial (C&I) solar-storage solution provider trusted by customers worldwide.

15 Years+ BMS and EMS R&D	**50+** R&D team member	**60+** Countries
4000+ Cumulative energy storage style	**2000+** Energy storage customer	**2500MWh+** Energy storage battery cumulative shipment

Certifications



CE



UN38.3



IEC



IEC62619



UL



RoHS



MSDS



DG Report

Manufacturing & Quality



Energy Storage Production Line



Battery Cabinet Assembly



Quality Testing & Inspection



Finished BESS Workshop

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