ZETARA

ZCube5000L

C&I Energy Storage System
5000kWh



ADVANTAGES

High Performance

8,000-CYCLE CELLS
LFP cells with a cycle life
≥ 8000 times

LIQUID COOLING
High-efficiency liquid cooling temperature control; temperature difference between battery cells ≤ 3℃

Assured Reliability

PROFESSIONAL PROTECTION
Four-level safety protection

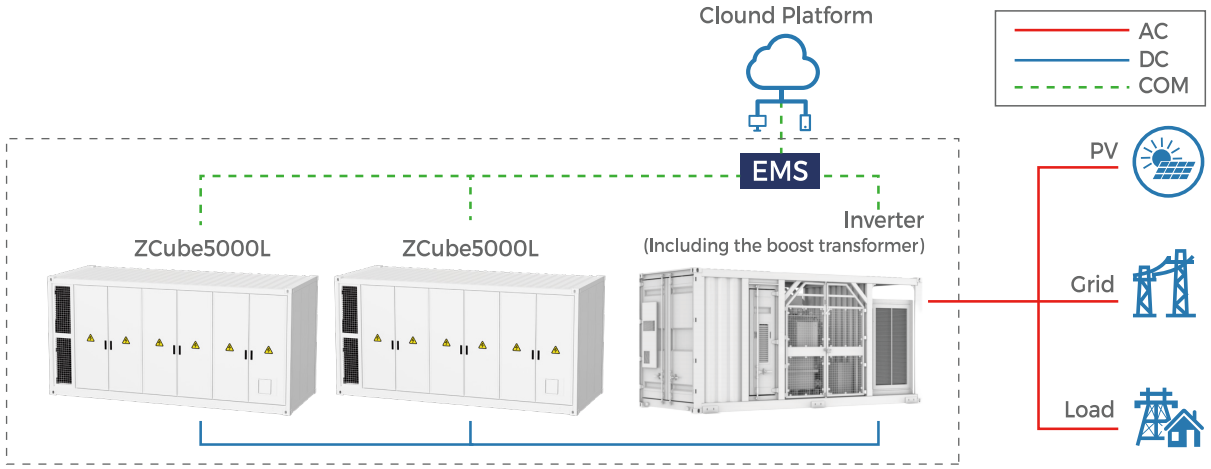
MULTI DEFENSE
Voltage、Current、Tempereture warning and protection for module and each single cell

Flexible Adapatability

SCALES TO 50MWh
Supports maximum 10 battery container in parallel, up to 50MWh

EASILY FOR INSTALLATION
Standard pack, easily for installation, rapid deployment and capacity expansion.

SYSTEM TOPOLOGY DIAGRAM



TECHNICAL DATA

MODEL	ZCube5000L-2500MG(2H)
APPEARANCE	
BATTERY PARAMETER	
Battery Energy	5015kWh
Cell Type	LFP 3.2V/314Ah
Battery Module Energy	52.25kWh
Rated Voltage	1331.2V
Voltage Range	1164.8-1497.6V
Battery System Configuration	1P260S*12
Charge and Discharge Rate	<0.5P
Cooling Mode	Liquid cooling
GENERAL PARAMETER	
System Efficiency	≥ 90%
Operating Temperature Range	-20~55℃
Operating Humidity	5%~95%R.H
IP Rating	IP54
Anti-corrosion Grade	C4
Altitude	<3000m
Dimension (W*D*H)	6058*2438*2591mm
Battery Container Weight	~42T
Firefighting System	Smoke + Temperature + Aerosol
Communication Port	CAN, RS485, ETH
Certification	IEC 62619/IEC 63056/EN 62477-1/IEC 61000/UN38.3

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