ZETAPOWER

ZBlock260L

A liquid-cooled, all-in-one storage cabinet that ships pre -integrated - battery, PCS, EMS, thermal management and fire suppression in a single footprint.



ADVANTAGES

High Performance

8,000-CYCLE CELLS
LFP cells rated beyond 8,000 full cycles, holding levelised storage cost down over a 20-year asset life.

LIQUID COOLING
Uniform cell temperaturesacross every module,limiting capacity divergenceand extending usablesystem life.

INTEGRATED CABINET
Battery, PCS, EMS and safety systems arrive factory-assembled and tested: less site work, faster commissioning.

Assured Reliability

SINGLE-SOURCE SUPPLY
R&D, cell-to-cabinet manufacturing and after-sales support under one roof: a single point of accountability.

REMOTE O&M
Cloud monitoring with cell-level diagnostics and alarmpush, so faults are triagedbefore a truck rolls.

TYPE II SURGE PROTECTION
SPDs on both AC and DC sides, with an IP54 enclosure and C4 corrosion rating for outdoor duty.

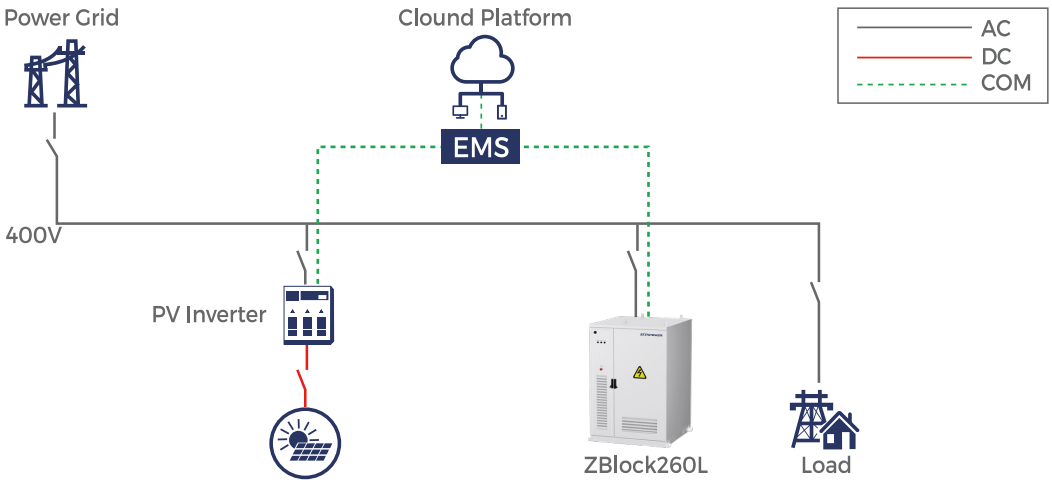
Flexible Adapatability

SELF-DEVELOPED EMS
Peak shavingtime-of-usearbitrage, demand-chargecontrol, backup and PV self-consumption.

SCALES TO MWh
261 kWh per cabinet,paralleled into MWh-classblocks without redesigning the control architecture.

STANDARD MODULES
Repeatable module and cabinet interfaces give predictable drawings and simple capacity expansion.

SYSTEM TOPOLOGY DIAGRAM



TECHNICAL DATA

MODEL	ZBlock260L	
DC PARAMETERS	Battery Cluster Energy	261kWh
	Battery Type	LFP 3.2V/314Ah
	Module Energy	52.25kWh
	Rated Voltage	832V
	Voltage Range	728V-936V
	Battery System Configuration	1P260S
	Charging and Discharging Ratio	<0.5P
	Cooling Mode	Liquid cooling
AC PARAMETERS	Power	125kW
	Rate AC Voltage	400V
	Frequency	50/60Hz
	AC Connection Type	3W+N+PE
	Overload Capability	110%-longtime
GENERAL PARAMETERS	System Effectiveness	≥ 88%
	Working Temperature Range	-20~55℃
	Humidity	5~95%R.H
	Above Sea Level	<3000m
	IP Grade	IP54
	Anti-corrosion Grade	C4
	Size: W*D*H	1350*1400*2000mm
	Weight	~2.6T
	Fire Extinguisher System	Smoke + Temperature + Aerosol
	Communication Port	ETH
	Certification	UL9540A/IEC 62619/IEC 63056/EN 62477-1/IEC 61000/UN38.3

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