

2.089 MWh | Containerised BESS

1 MW • Liquid cooling • LFP

Containerised storage for renewable integration, load shifting and grid support. Modular architecture combines battery management, thermal control and fire protection.



Reference model: 2 MWh

ROCAS product illustration. Final appearance depends on the selected configuration.

BATTERY / ELECTRICAL

Battery	LFP; 3.2 V / 314 Ah
Energy	2.089 MWh
Rated power (0.5P)	1 MW
Configuration	Not reliably specified
Battery voltage	702-936 V
Cycle life	8,000 cycles (0.5P, 25 ±2°C, 70% SOH)

SYSTEM / ENVIRONMENT

Dimensions W × D × H	6,058 × 2,438 × 2,591 mm (unit corrected from web typo)
Weight	≤23 t
Enclosure / battery pack	IP54 / not stated
Operating temperature	-20 to +50°C
Cooling	Liquid cooling / 50% ethylene glycol
Fire suppression	Aerosol
Corrosion resistance	C4/C5
Communications	Modbus / CAN / Ethernet
AC connection (web)	400 V; 3P4W+PE
Altitude	Not reliably specified on source page
Listed standards / transport	GB/T 36276-2023; UN 3536 (table); UN 38.3 (badge)

The 2 MWh page describes 2.089 MWh; its table has malformed energy, dimensions, configuration and altitude entries. Its linked PDF describes 3.34/5.015 MWh systems, not this model. Confirm the final 2 MWh datasheet before selection.

Listed standards are source references; model-specific conformity documentation must match the delivered configuration.