

# Container storage

Large-scale, all-in-one containerised solid-state supercapacitor storage for industrial and utility-edge sites. Five sizes from 250 kWh to 4 MWh.



Each unit ships with the inverter, EMS and BMS, PLC, AC and DC protection, fire protection and intrusion controls already integrated and wired.

Built for peak shaving, load and frequency balancing, and decentralised energy management at scale.

Standards: IEC 62619 · IEC 62040 · CE · RoHS · UN 38.3. Best combined with 247 ERP.

<b>&gt; 15.000</b> Projected cycle life at 25°C	<b>10.000</b> Cycle warranty	<b>97.1-98%</b> Round-trip efficiency	<b>100-2.000 kW</b> Inverter, 40 kW steps
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## GENERAL SPECIFICATIONS

Energy range	250 kWh – 4.000 kWh
Cell technology	Solid-state supercapacitor
Inverter (included)	100-2.000 kW, 40 kW steps
Projected cycle life (25°C)	> 15.000 cycles
Warranty life (25°C)	10.000 cycles
Round-trip efficiency	97.1-98%
Battery cooling	Natural, no active cooling
Container cooling	AC for inverters & electronics
Self-discharge rate	2-3% per month
Depth of discharge	≤ 90% rec. · 100% max.
Shell material	Metal & ABS plastic
Charge / discharge temp.	0~+55°C / -20~+60°C
Storage / humidity	-20~+40°C / 0~90% RH
Transport / origin	UN 38.3 · Benelux built

## KEY ADVANTAGES

- Inverter, EMS/BMS and PLC included
- Zero thermal runaway, non-flammable cells
- Natural cell cooling, AC only for electronics
- 100% depth-of-discharge capable
- Fire protection and intrusion controls built in

## APPLICATIONS

- Industrial peak shaving and demand management
- Frequency regulation (FCR, aFRR)
- Solar and wind energy buffering
- Port, shorepower and vessel charging

## ENGINEERED TO SPECIFICATION

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This datasheet defines our reference platform, not a boundary. Every storage system is sized and configured to your project; energy capacity, inverter rating, container format and integration scope are set with your engineering team. Our systems scale from 100 kWh to multiple MWh, made to order to perform exactly as your grid, load profile and site conditions demand.