

E-STOR 300kW / 360 kWh

Overview

Energy Capacity	Installed	Up to 360kWh
	Usable	Up to 325 kWh (BOSL)
Power Rating	Installed	360kW
	Peak	350kW
	Nominal Power	300kW
Battery Chemistry	LMO-LNCO	
System Scalability	X8 aggregated on the same site but different POC's	
	X2 aggregated together at the same POC	

Mechanical Specification

Dimensions (LxWxH)	6,688mm x 2,439mm x 2,896mm
Weight	~13,600kg
Cooling	Air conditioning Units (HVAC) and Air cooling
Fire detection	Smoke detectors and sounders

Electrical Specification

Power factor	+/- 0.95
Grid frequency	50 Hz
Grid connection	400 Vac (-6% / + 10%)
Response time (secs)	0.6-1.0s
Round Trip Efficiency	>80 including ancillaries

Operating Conditions

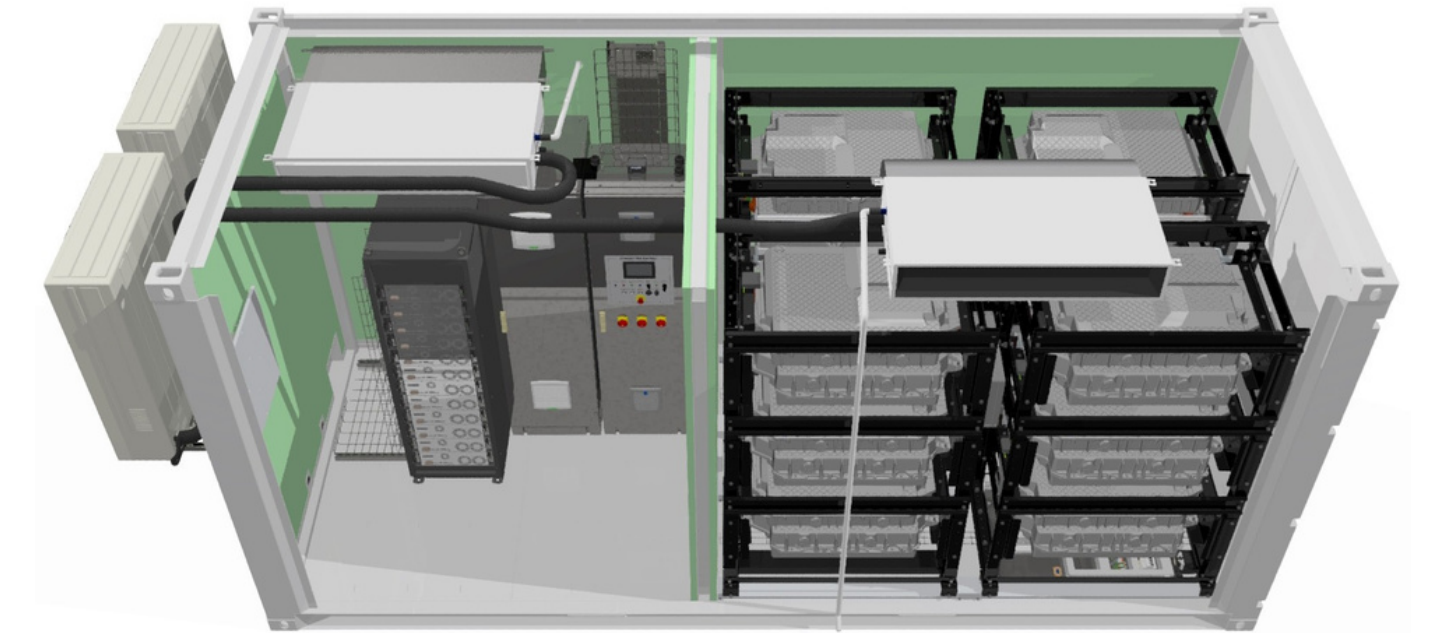
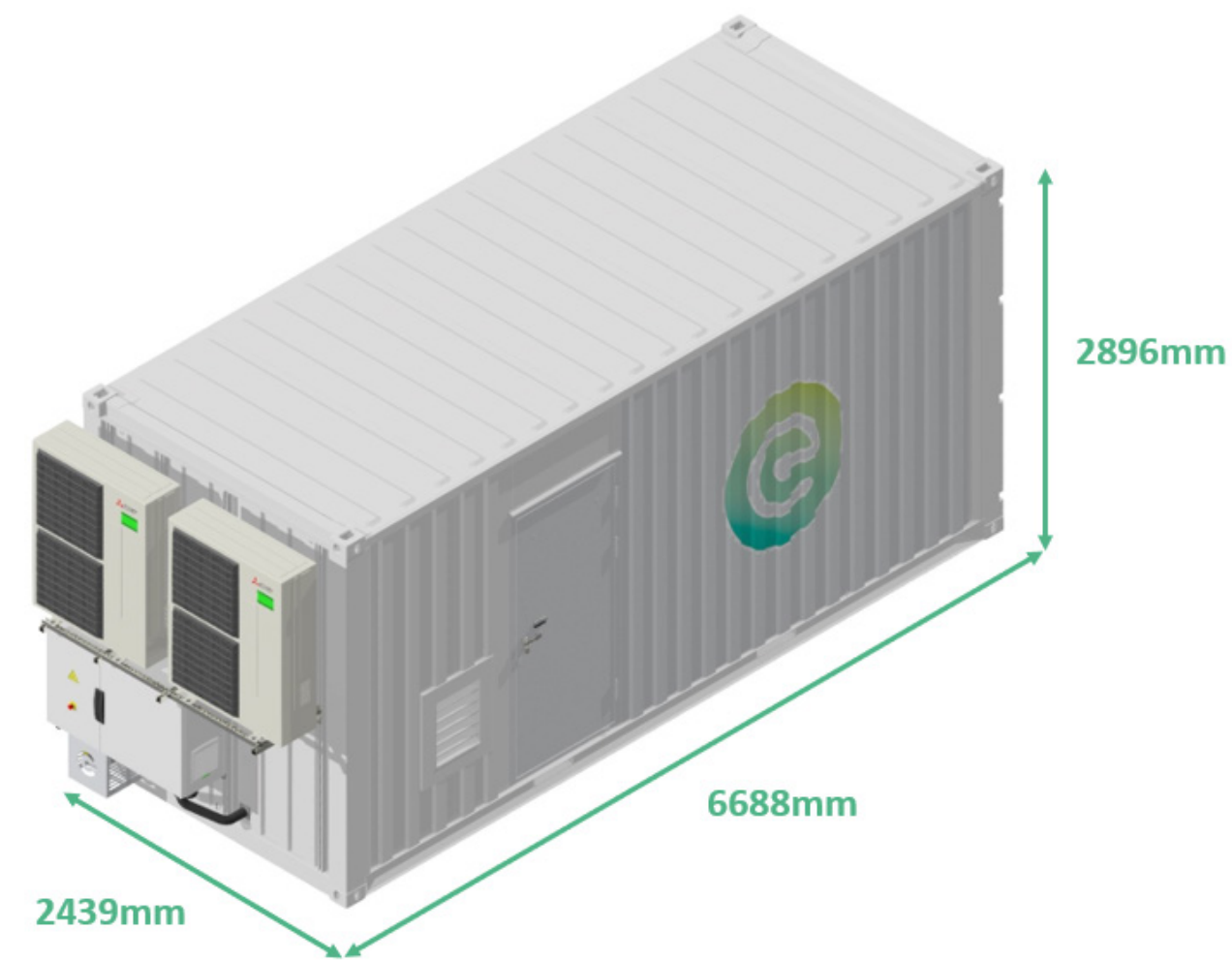
Min ambient temperature	Standard: -10°C
Max ambient temperature	Standard: +45°C
Relative humidity	95%
Noise (dBA)	Maximum of 66dB (at 1m)

Communications

Control & monitoring	HMI (site and remote access) CEMP – Secure system monitoring
External connection interface	Cat 6 (wired) preferred 3G/4G (optional)

Compliance & Certifications

Compliance	CE marked
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E-STOR Further Details

Software

The Connected Energy E-STOR system is backed by our unique cloud-based back office, and our reporting dashboard. These systems can be programmed to meet your site's needs and optimise your energy usage.

CE Care Warranty

Connected Energy Care provides a 5-year, full system warranty covering:

- | Battery pack degradation and Electrical and Mechanical breakdown
- | Balance of Systems electromagnetic parts
- | The cost of repair labour for approved CE contractors
- | The cost of travel up to 4 hours per visit

Insurance Administration via the Insurance Management System

A highly automated and customer-friendly digital product:

- | Connected Energy will onboard your warranty onto the IMS
- | Performance data from your E-STOR is automatically uploaded and monitored by CE and Altelium
- | All guarantee information is held on the IMS
- | All claims are notified and managed through the IMS