

261 kWh / 125 kW

CORE



Liquid-Cooled Energy Storage System

Reliable power for businesses that run around the clock. Liquid-cooled thermal management keeps cell temperature consistent within ± 2.5 degC across every cycle - eliminating the hot spots that accelerate degradation in air-cooled systems, extending cycle life, and removing the thermal runaway risk that air cooling cannot fully contain. Modular, expandable, and remotely monitored. A plant that installs CORE 261 today can expand capacity without replacing the system it already owns

DC Side	Cell Type	LFP / 314 Ah
	Pack Configuration	52.2 kWh / 1P52S
	System Configuration	261 kWh / 1P260S
	Rated DC Voltage	832 V
	DC Voltage Range	728 - 936 V
	Max. Charge/Discharge Rate	0.5 P
	Max. Depth of Discharge	100% (25 ± 2°C)
AC Side	Rated Output Power	125 kW
	Rated AC Voltage	400 V
	AC Voltage Range	±15%
	Grid Type	3W+N+PE
	Rated Frequency	50 Hz / 60 Hz
	Power Factor	0.99 / -1+1
	THDi	≤ 3%
General	DC Ratio	< 0.5% I _{pn}
	Max. Round Trip Efficiency	89 %
	Cycle Life	≥ 8,000 cycles
	Communication	Modbus TCP/IP
	Fire Suppression System	Aerosol
	Ingress Rating	IP55
	Cooling	Liquid cooling + Forced air cooling
	Operating Temperature	-25°C -55°C (Derating after 45°C)
	Anticorrosion Rating	C4 (C5 optional)
	Humidity	0 - 95% RH (non-condensing)
	Noise	≤ 75 dB
	Altitude	3000m (Derating above 2000m)
	Dimensions (W*D*H)	1,050 * 1,350 * 2,400 mm
	Weight	2,600 kg