

418 kWh / 125 kW

CORE



Liquid-Cooled Energy Storage System

Higher capacity on the same engineering platform. Designed for larger commercial and industrial loads - data centres running at scale, manufacturing plants with continuous shift operations, hospital campuses where stored energy is also emergency infrastructure. At this capacity, the financial case is direct: the stored energy pays for the system within a predictable number of billing cycles. The decision is not whether to invest. It is when.

Specification	Cell Type	LFP / 314 Ah
	Pack Configuration	52.248 kWh / 1P52S
	System Configuration	418 kWh / 1P416S
	Rated DC Voltage	1331.2 V
	DC Voltage Range	1164.8 - 1497.6 V
	Max. Charge/Discharge Rate	0.5 P
	Max. Depth of Discharge	100% (25 = 2°C)
	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)
	Altitude	4000 m
	Dimensions (W*D*H)	1,350*1,350*2,400 mm
	Weight	3.700 kg