

# Liquid-cooled Battery Cabinet

ECO-B372LS

## Product Introduction

The liquid-cooled cabinet includes state-of-the-art cabinet-level liquid cooling and temperature balancing techniques. With a cell temperature variance of less than 3°C, it enhances the uniformity of cell temperature and prolongs battery lifespan. As a result of the cooling techniques used, the cabinet is able to deliver greater energy density. The increased energy density enhances economic viability of the platform. The cabinets can be connected in parallel to deliver the required storage capacity for the site. The battery storage cabinets are connected to a PCS and ESS control system to deliver a bespoke customer storage installation.



## Product Features



### Compact

Less footprint compared with air-cooled unit of same energy level.



### High Power Density

372kWh energy in one cabinet and ensure long-term endurance.



### Efficient

Optimal in-PACK duct design, achieve high-efficient cooling and low energy consumption



### Long Cycle Life

Over 8,000 times cycle life, excellent performance of battery system.



### Flexible Expansion

Modular design, simplified parallel expansion.



### Ultimate safety

In-PACK and triple-level fire safety.

# Specifications

Item	Specification
Configuration	1P416S
Rated Energy	372kWh
Rated Voltage	1331.2V DC
DC Voltage Range	1165~1498V DC
PACK Ingress Rating	IP65
Rated Charge/Discharge Rate	0.5C
Maximum Charge/Discharge Rate	0.6C (60s)
Operating Temperature	-20°C~55°C
Fire Safety	Combustible gas detection/smoke detection/temperature detection + Active warning + Module-level fire suppression (Perfluoro)
Ingress Rating	IP55
Cooling	Chiller+in-PACK liquid cooling
Altitude	≤2,000m (derating above 2,000m)
Dimensions (W*D*H)	1,300*1,300*2,400 (mm)
Compliance	UN38.3, IEC62619, UL1973, UL9540

