

Liquid-cooled Battery Cabinet

ECO-B372LS

The liquid-cooled battery cabinet adopts advanced cabinet-level liquid cooling and temperature balancing strategy. The cell temperature difference is less than 3°C, which further improves the consistency of cell temperature and extends the battery life. The modular design makes the parallel solution more flexible and can be combined with the centralized PCS to form an ESS with higher energy density, which significantly improves the economy, safety and construction convenience of ESS projects.

Compact

1.7 m² footprint only, easy transportation & fast installation.

High Integration

Multiple units connected in parallel achieve MV/HV connection with PCS-boost containers.

Efficient Cooling

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

Support seamless cabinets combination and flexible grid access.

Ultimate Safety

In-PACK fire warning and protection with NOVEC1230/aerosol, prevent heat diffusion and runaway.



Specifications

Item	Specification
Configuration	1P416S
Rated Energy	372kWh
Rated Voltage	1331.2Vdc
Voltage Range	1164.8~1497.6Vdc
PACK Ingress Rating	IP65
Charge/Discharge Rate	0.5C
Operating Temperature	-25°C~55°C
Fire Safety	NOVEC1230/aerosol
Ingress Rating	IP55
Cooling	Liquid cooling
Altitude	≤2,000m (derating above 2,000m)
Dimensions (W*D*H)	1,300*1,300*2,400 (mm)
Weight	3,660kg
Compliance	UN38.3, IEC62477, IEC61000, IEC62619, IEC63056, UL9540A, EN50549

