

Outdoor Liquid-Cooled Cabinet SMT-ESS-CUBE372

The outdoor liquid-cooled cabinet, with a battery capacity of 372 kWh, allows flexible expansion due to modular design, and features a high IP rating, which is suitable for various scenarios. With the help of PCS, it can achieve voltage regulation, three-phase imbalance control and harmonic control, and improve power quality. Moreover, it can be used as a back-up power supply to reduce enterprises' energy consumption costs, which can increase their green energy consumption and keep their systems running safely and stably.



Product Features

- PACK-level fire protection, ensuring high safety
- Cabinet body rated at IP55, suitable for outdoor complex scenarios
- Flexible deployment and plug-and-play, shortening the construction period
- Intelligent battery health management (health assessment, safety early-warning, service life prediction), comprehensive control of system operation status and risks, and safe operation and maintenance
- High-speed scheduling response and inter-cluster cell temperature difference of $\leq 3^{\circ}\text{C}$, significantly improving the battery life



Data center



Commercial buildings



Industrial parks



PV, storage & charging
integration



Distribution grid expansion

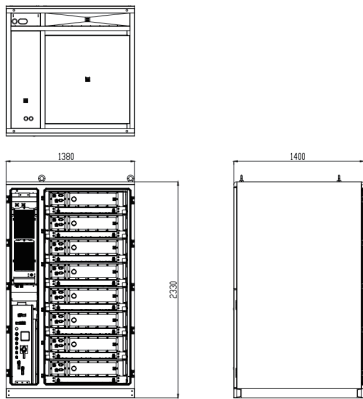
Technical Data

Product Type

SMT-ESS-CUBE372

Nominal voltage	1331.2 V
Nominal capacity	372 kWh
Nominal power	186 kW
Series and parallels in system	1P416S
Liquid-cooling modules in series	8
Protection level	IP55
Size (W*D*H)	1380*1400*2330 mm
Weight	3700 kg
Temperature range	-20~45 °C
Communication port	RS485, CAN, Ethernet
Designed life-cycle	>10 years

Installation Dimensions



Dimension (W*D*H) mm
1400*1380*2330mm

Circuit Diagram

