

FLEX 372

Liquid Cooling Outdoor Cabinet ESS

TIER
1

Tier-1 LFP Battery Cells

CATL LFP cells with top-level safety

In-House BMS

Own-developed BMS technology that optimizes the performance and lifespan of ESS

Modular Design

Available for flexible scalable up to 10 batteries

Space-Saving

1.75 m² minimum space required

Easy Installation

Small volume integrated modules in whole-package transportations enable simple installation & relocation

Plug-and-Play

Pre-engineered and pre-tested systems allows plug-and-play on site

Cloud Monitoring

Allows real-time monitoring and remote upgrade

Capable for Harsh Environment

IP67 battery module design for extreme environment such as islands or rainforests



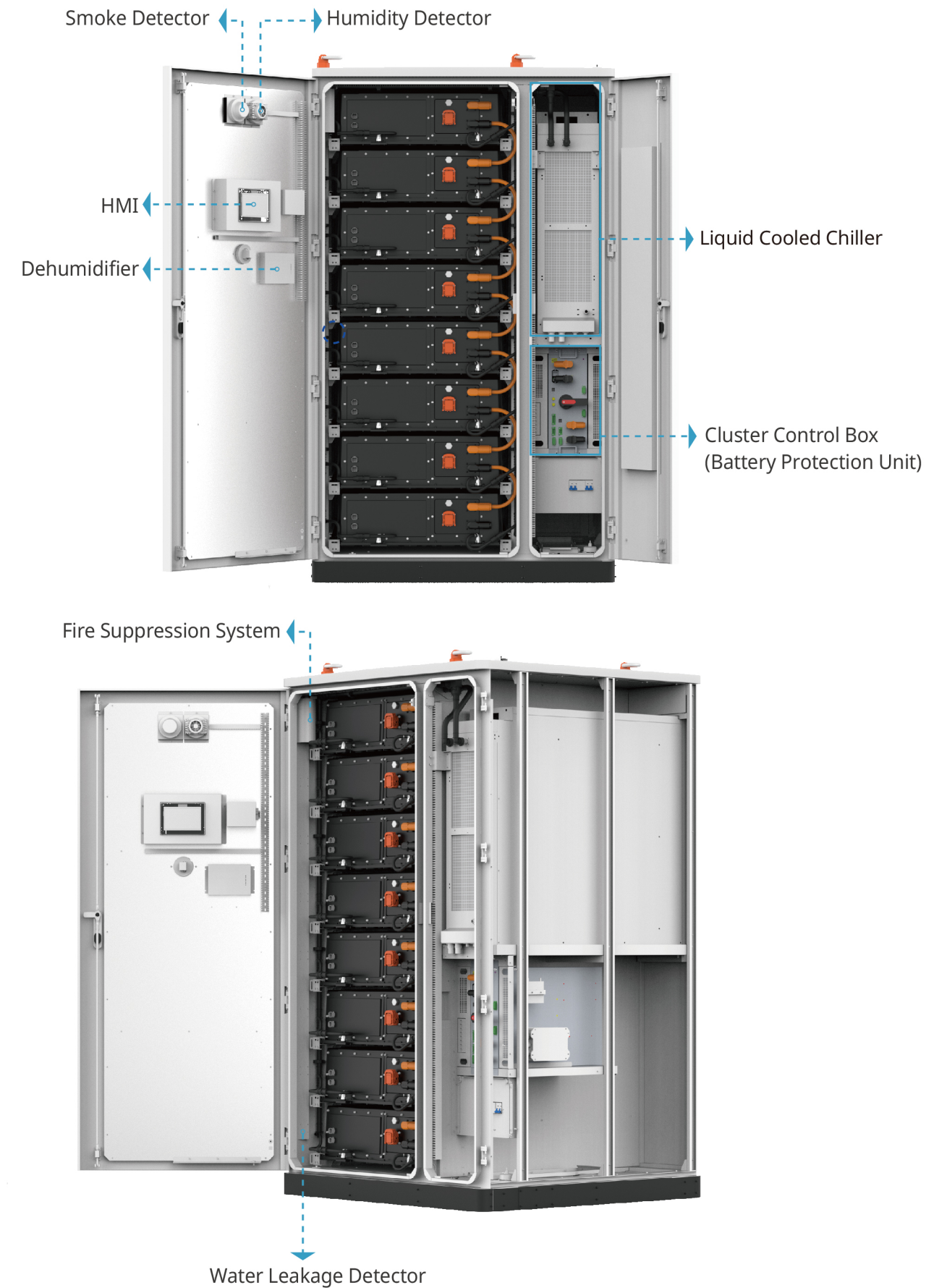
Intelligent Liquid Cooling System

Intelligent leak detection and liquid supplementation with great cost-effectiveness

LCOE ↓

ROI ↑

FLEX 372 LAYOUT



FLEX 372 CONFIGURATION



FLEX 372 ESS Configuration Suggestion (0.5P)

Battery Capacity (MWh)	PCS Power (MW)	Number of PCS	Number of Battery Cabinet
2.23	1	1	6
2.6	1 / 1.25		7
2.97	1 / 1.25		8
3.35	1 / 1.25 / 1.5		9
3.72	1 / 1.25 / 1.5 / 1.725		10

FLEX 372 ESS Configuration Suggestion (1P)

Battery Capacity (MWh)	PCS Power (MW)	Number of PCS	Number of Battery Cabinet
1.12	1	1	3
1.49	1 / 1.25		4
1.86	1 / 1.25 / 1.5		5
2.23	1.25 / 1.5		6
2.6	1.5 / 1.725		7
2.97	1.5 / 1.725 / 2.5		8
3.35	1.725 / 2.5		9
3.72	2.5		10

FLEX 372 PARAMETERS

	Items	FLEX 372
DC Parameters	Rated Voltage	1331.2 V
	Voltage Range	1164.8 V ~ 1497.6 V
	Rated Energy	372 kWh
	Charge/Discharge Rate	0.5 P / 1 P
Other Parameters	Degree of Protection	IP 55
	Operation Temperature	-30 ~ 50 °C
	Storage Temperature	-30 ~ 60 °C
	Altitude	≤ 3000 m
	Relative Humidity	5%~95% (No condensing)
	Cooling Method	Liquid cooling
	Fire Suppression System	Aerosol
	Communication	MODBUS
	Dimensions (W × D × H)	1350 x 1300 x 2370 mm
	Weight	3.6 t
	Certifications	CE-EMC, CE-LVD, IEC 62619, IEC 62933-5-2, UL1973, UL9540A, UN38.3