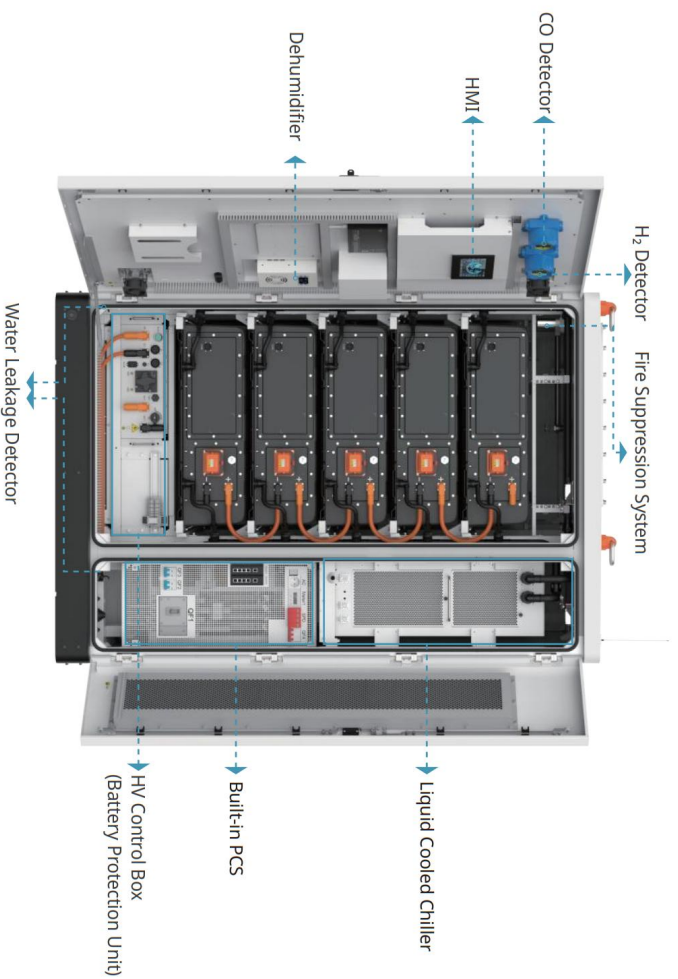


FLEX 233 AIO *

All-in-one Liquid Cooling Outdoor Cabinet ESS



- Highly Integrated
All-in-one design integrated with battery and PCS
- 30°C to 50°C Operation Temperature
Can be installed in harsh conditions (extreme heat/cold)
- PACK-level Protection
Prevent fire hazard and minimized the economic loss



*AIO: The battery and PCS are integrated in an all-in-one system.

PARAMETERS / CONFIGURATION

FLEX 233 AIO ESS PARAMETERS

FLEX 233 AIO ESS PARAMETERS		
AC Parameters	Rated Power	105 kW
	Maximum Power	115 kW
	Grid Type	3P+N+PE / 3P+PE
	Rated Grid Voltage	380 V / 400 V
	THDI	≤ 3%
	Grid Frequency	50 / 60 Hz
	EMC & Safety Standards	IEC61000, IEC 62477
	Grid Connection Standards	EN 50549-1/-2, G99, VDE 4105, NRS 097, C10/11, NTS 631, VDE 4110
	Rated Voltage	832 V
DC Parameters	Voltage Range	728 ~ 936 V
	Rated Energy	232.96 kWh
	Battery Cell	LFP 280 Ah
Other Parameters	Degree of Protection	IP 55
	Operation Temperature	-30 ~ 50 °C (derating from 45°C)
	Storage Temperature	-30 ~ 60 °C
	Altitude	2000 m (> 2000m derating)
	Relative Humidity	5 ~ 95% (No condensing)
	Cooling Method	Liquid cooling
	Fire Suppression System	Aerosol
	Communication	MODBUS
	Dimensions (W × D × H)	1350 × 1300 × 2057 mm
	Weight	2650 kg
Certifications		CE-EMC, CE-LVD, IEC 62619, IEC 62933-5-2, UN38.3

FLEX 233 AIO ESS Configuration Suggestion

Battery Capacity (kWh)	PCS Power (kW)	Number of Cabinet
233	105	1
466	210	2
699	315	3
932	420	4
1165	525	5
1398	630	6
1631	735	7
1864	840	8
2097	945	9
2330	1050	10