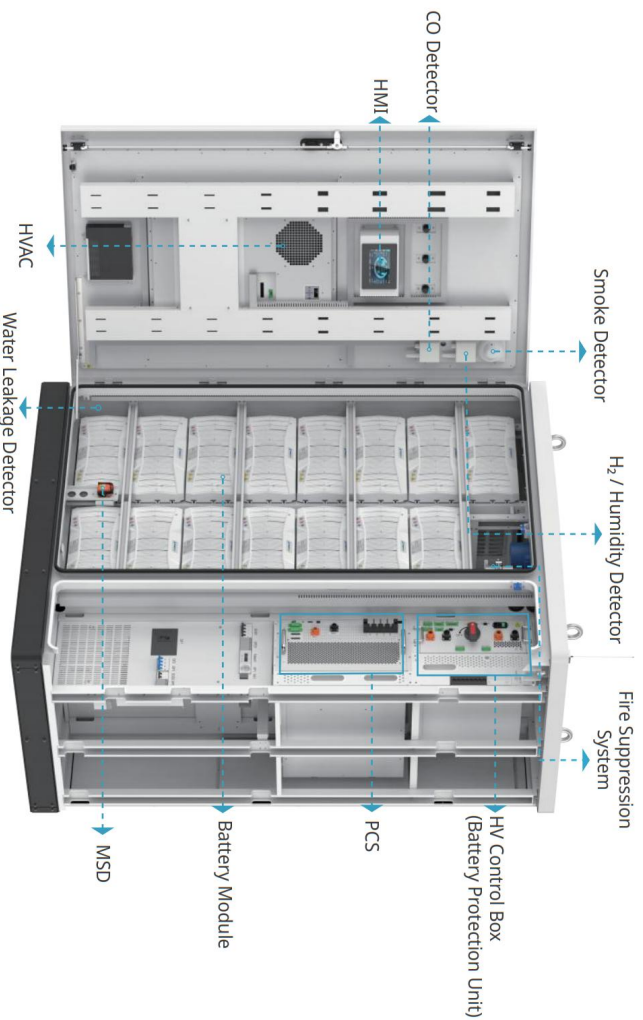


FLEX 215 AIO*

All-in-one Air Cooling Outdoor Cabinet ESS



- Easy Scalability**
Up to MWh-level capacity
- Active Balancing BMS**
Maximizes usable capacity & Extends battery life
- Highly Integrated**
All-in-one design integrated with battery and PCS



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

PARAMETERS / CONFIGURATION

FLEX 215 AIO ESS PARAMETERS

FLEX 215 AIO ESS PARAMETERS		
AC Parameters	Rated Power	105 kW
	Maximum Power	115 kW
	Grid Type	3P+N+PE / 3P+PE
	Rated Grid Voltage	400 V
	THDI	≤ 5%
	Grid Frequency	50 / 60 Hz
	EMC & Safety Standards	IEC/EN 62477, EN/IEC 61000
	Grid Connection Standards	EN 50549-1/-2, G99, VDE 4105, NRS 097, C10/1, NTS 631, VDE 4110
DC Parameters	Rated Voltage	768 V
	Voltage Range	672 ~ 864 V
	Rated Energy	215.04 kWh
	Battery Cell	LFP 280 Ah
Other Parameters	Degree of Protection	IP 55
	Operation Temperature	-20 ~ 45 °C
	Storage Temperature	-30 ~ 60 °C
	Altitude	2000 m (< 2000m derating)
	Relative Humidity	5 ~ 95% (No condensing)
	Cooling Method	Air cooling
	Fire Suppression System	Aerosol
	Communication	MODBUS
	Dimensions (W × D × H)	1600 × 1140 × 2240 mm
	Weight	2400 kg
Certifications	CE-EMC, CE-LVD, IEC 62619, IEC 63056, CEI-016, UN38.3, CEI-021	

FLEX 215 AIO ESS Configuration Suggestion

Battery Capacity (kWh)	PCS Power (kW)	Number of Cabinet
215	105	1
430	210	2
645	315	3
860	420	4
1075	525	5
1290	630	6
1505	735	7
1720	840	8
1935	945	9
2150	1050	10