

FLEX 215 AIO*

All-in-one Air Cooling Outdoor Cabinet ESS

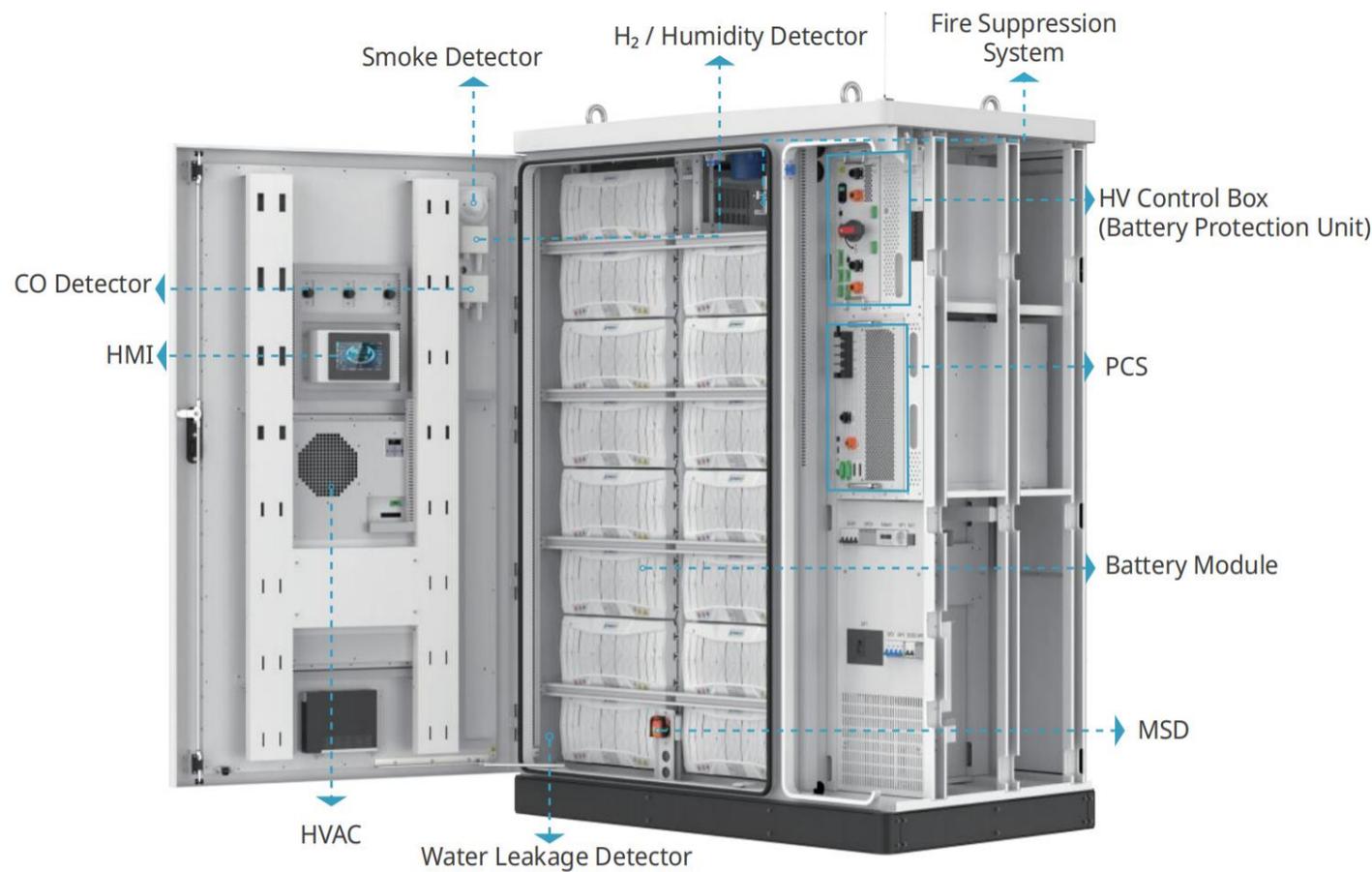


- Easy Scalability
Up to MWh-level capacity
- Active Balancing BMS
Maximizes usable capacity & Extends battery life
- Highly Integrated
All-in-one design integrated with battery and PCS

PARAMETERS / CONFIGURATION

FLEX 215 AIO ESS PARAMETERS

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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
DC Parameters	Grid Connection Standards	EN 50549-1/-2, G99, VDE 4105, NRS 097, C10/11, NTS 631, VDE 4110
	Rated Voltage	768 V
	Voltage Range	672 ~ 864 V
	Rated Energy	215.04 kWh
Other Parameters	Battery Cell	LFP 280 Ah
	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

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