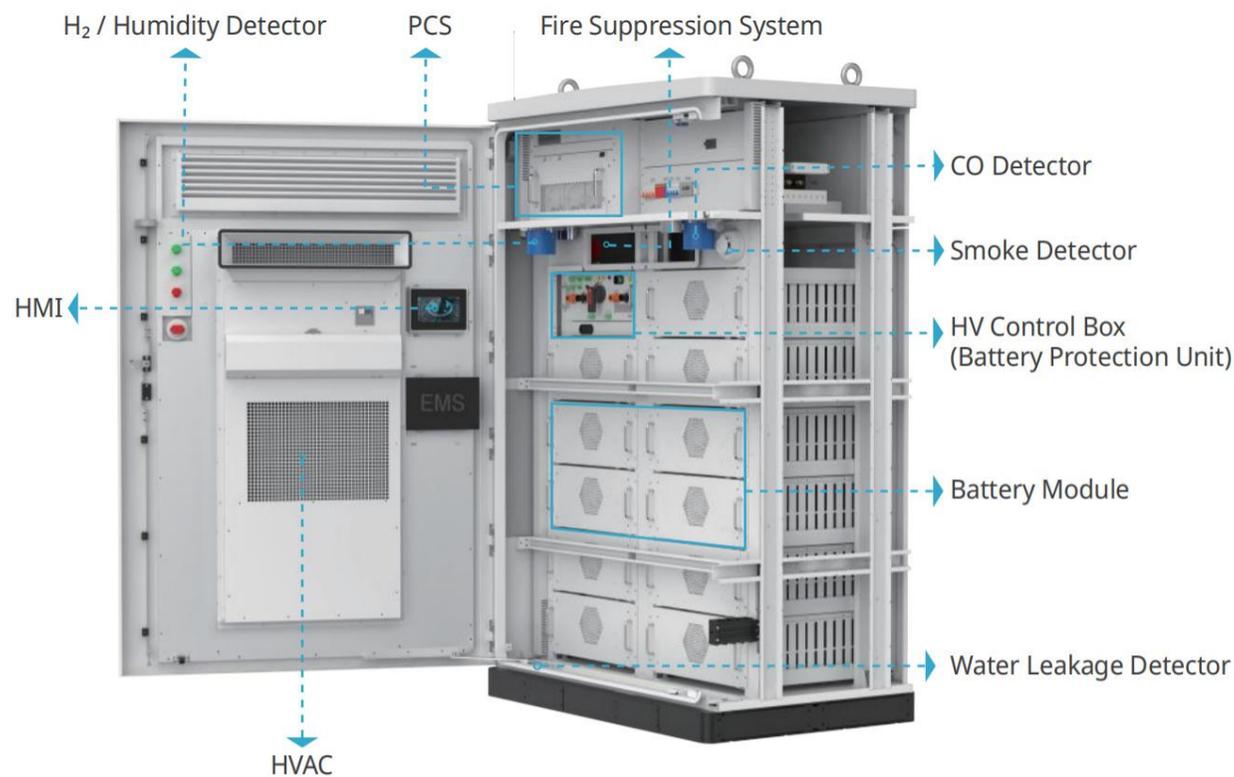


# FLEX 126 AIO\*

All-in-one Air Cooling Outdoor Cabinet BESS



- Easy Scalability  
Up to MWh-level capacity
- Highly Integrated  
All-in-one design integrated with battery and PCS
- Suitable for small-size C&I scenarios



## PARAMETERS / CONFIGURATION

FLEX 126 AIO ESS PARAMETERS		
AC Parameters	Rated Power	50 / 105 kW
	Maximum Power	55 / 115 kW
	Grid Type	3P+N+PE
	Rated Grid Voltage	400 V
	Grid Frequency	50 / 60 Hz
	EMC & Safety Standards	IEC/EN 62477, EN/IEC 61000
DC Parameters	Grid Connection Standards	NRS 097, C10/11, EN50549-1/-2, VDE 4105, G99
	Rated Voltage	845 V
	Voltage Range	739 ~ 950 V
	Rated Energy	126.72 kWh
Other Parameters	Battery Cell	LFP 150 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)	1360 × 1065 × 2235 mm
Weight	1850 kg	
Certifications	CE-EMC, CE-LVD, IEC62619, UN38.3	

FLEX 126 AIO ESS Configuration Suggestion		
Battery Capacity (kWh)	PCS Power (kW)	Number of Cabinet
126	50 / 105	1
253	100 / 210	2
380	150 / 315	3
506	200 / 420	4
633	250 / 525	5
760	300 / 630	6
887	350 / 735	7
1013	400 / 840	8
1140	450 / 945	9
1267	500 / 1050	10

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