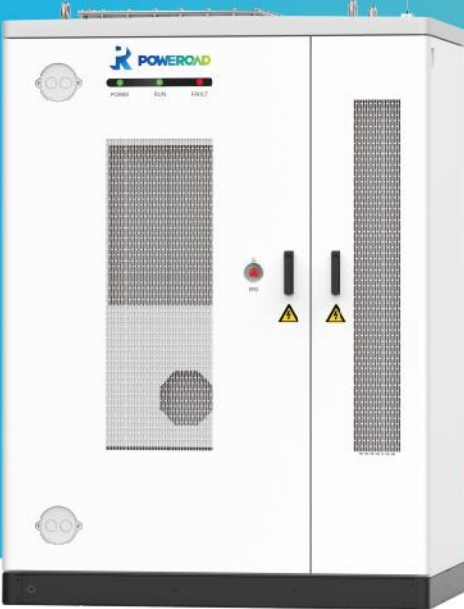
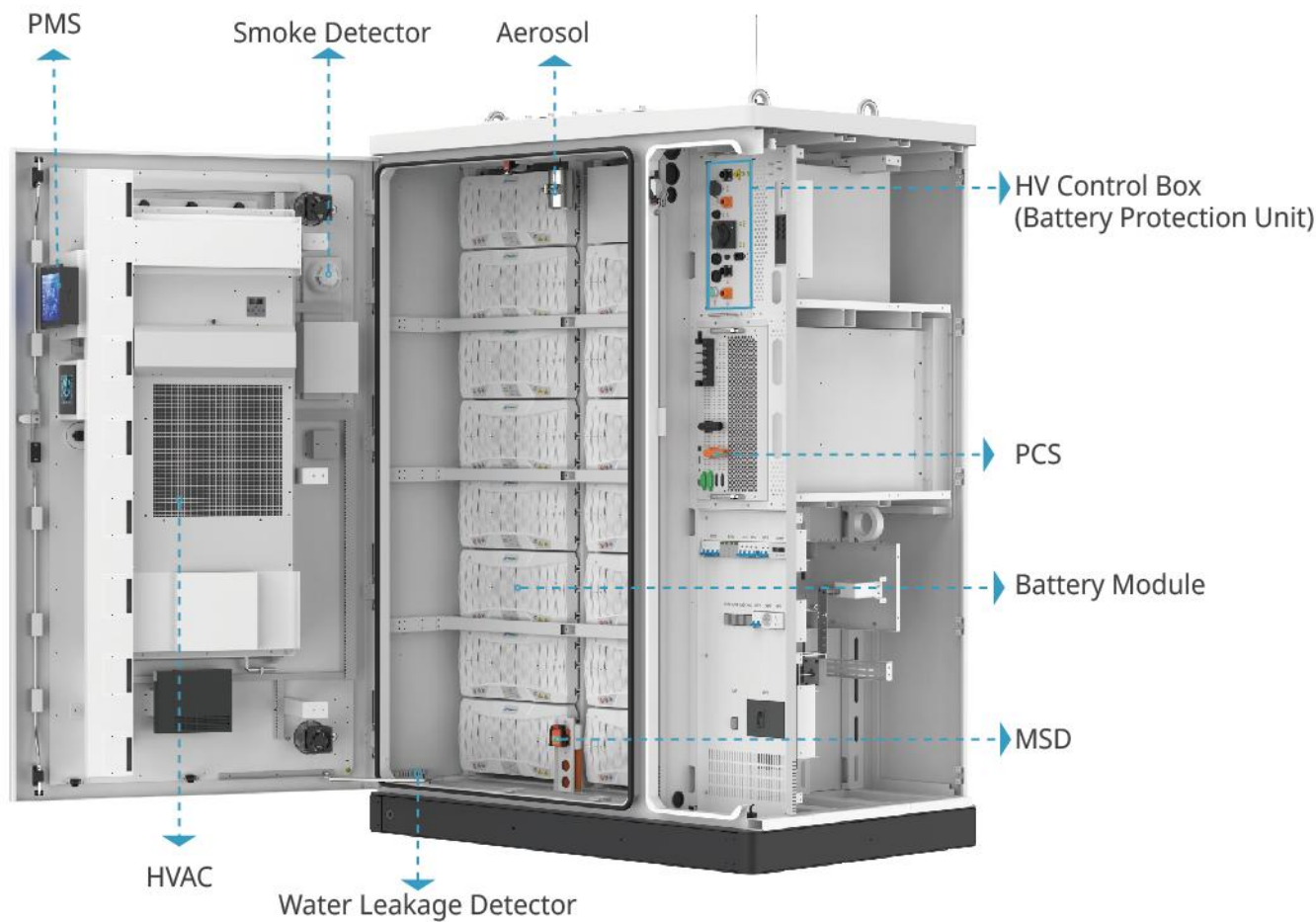


FLEX 241 AIO*

All-in-one Air Cooling Outdoor Cabinet BESS

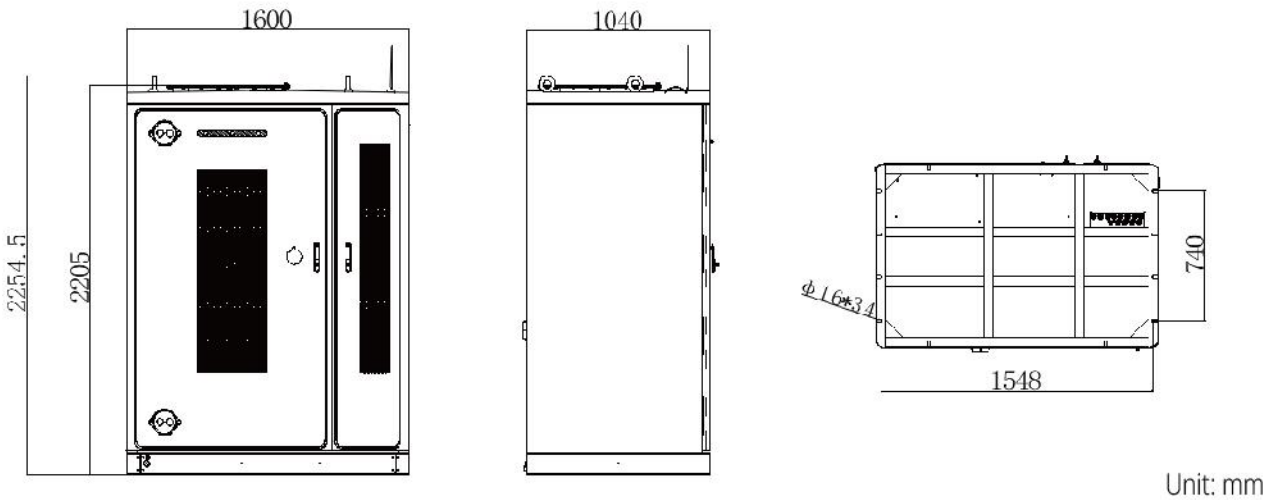


- Easy Scalability**
Up to MWh-level capacity
- Active Balancing BMS**
Maximizes usable capacity & Extends battery life
- Highly Integrated**
All-in-one design integrated with battery and PCS



PARAMETERS

FLEX 241 AIO ESS PARAMETERS		
AC Parameters	Rated Power	105 kW
	Maximum Power	115.5 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
	Grid Connection Standards	EN 50549-1/-2, G99, VDE 4105, NRS 097, C10/11, NTS 631, VDE 4110
DC Parameters	Rated Voltage	768 V
	Voltage Range	672 ~ 864 V
	Rated Energy	241 kWh
	Battery Cell	LFP 314 Ah
Other Parameters	Degree of Protection	IP 55
	Operation Temperature	-30 ~ 55 °C (>45°C derating)
	Storage Temperature	-20 ~ 60 °C
	Altitude	2000 m (>2000m derating)
	Relative Humidity	5 ~ 95% (No Condensing)
	Cooling Method	Air Cooling
	Fire Suppression System	Smoke & Gas Detectors, Aerosol, Vent Valve, Explosion Relief Panel, Water Sprinkler
	Communication	MODBUS
	Dimensions (W x D x H)	1600 × 1040 × 2255 mm
	Weight	2600 kg



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