

# FLEX 215

## Air Cooling Outdoor Cabinet ESS



- Easy Scalability  
Up to MWh-level capacity
- Highly Integrated  
1.2 m<sup>2</sup> compact footprint
- Active Balancing BMS  
Maximizes usable capacity & Extends battery life

## PARAMETERS / CONFIGURATION

FLEX 215 ESS PARAMETERS		
DC Parameters	Rated Voltage	768 V
	Voltage Range	648 ~ 864 V
	Rated Energy	215.04 kWh
	Charge / Discharge Rate	0.5 P / 0.5 P
	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)	1200 × 1000 × 2215 mm
	Weight	2100 kg
	Certifications	CE-EMC, CE-LVD, IEC 62619, IEC 62933-5-2, IEC 63056, UN38.3

FLEX 215 ESS Configuration Suggestion		
Battery Capacity (kWh)	Max. PCS Power (kW)	Number of Cabinet
215	107.5	1
430	215	2
645	322.5	3
860	430	4
1075	537.5	5
1290	645	6
1505	752.5	7
1720	860	8
1935	967.5	9
2150	1075	10

