

FLEX 215 All-in-one

Air Cooling Outdoor Cabinet ESS

Tier-1 LFP Battery Cells

1

CATL LFP cellen met top-level veiligheids

In-House BMS

BMS zelf gemaakt door leverancier die de levensduur en de prestatie optimaliseert

Highly Integrated

Batterij en PSC gecombineerd in 1 systeem

Modular Design

Beschikbaar voor flexibele opstellingen

Space-Saving

1,4 m² plaats minimum nodig

Easy Installation

Gemakkelijke installatie en relocatie

Plug-and-Play

Vooraf geteste systemen zorgen voor plug en play on-site

Cloud Monitoring

Real time monitoring en automatische upgrades

Capable for Harsh Environment

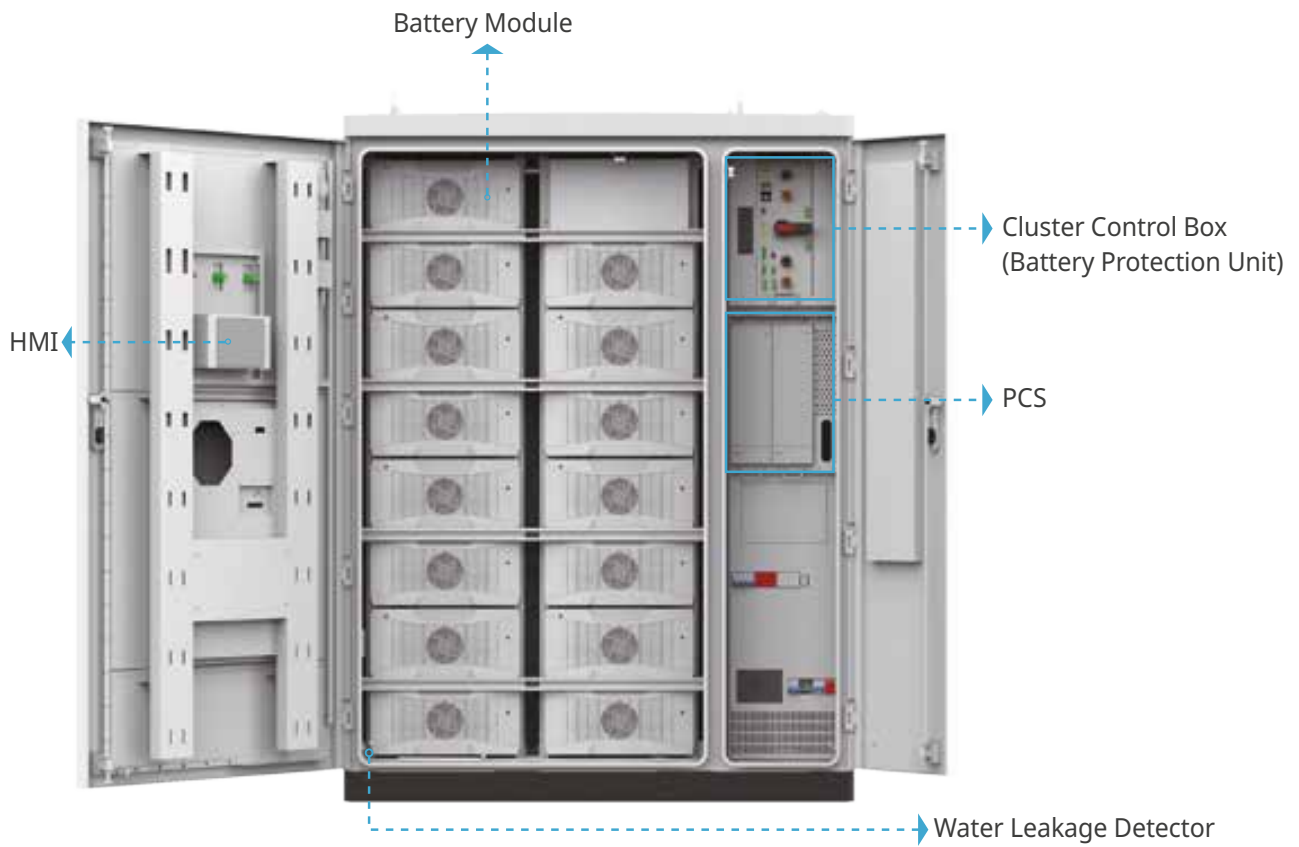
IP55 en C4 anti-corrosie cabine design voor extreme omgevingen



LCOE ↓

ROI ↑

FLEX 215 All-in-one LAYOUT



FLEX 215 All-in-one CONFIGURATION



FLEX 215 (All-in-one) ESS Configuration Suggestion

		Number of Battery Cabinet	Battery Capacity (energy)												
BATTERY		10	2.15 MWh												
		9	1.94 MWh												
		8	1.72 MWh												
		7	1.51 MWh												
		6	1.29 MWh												
		5	1.08 MWh												
		4	860 kWh												
		3	645 kWh												
		2	430 kWh												
		1	215 kWh												
PCS	PCS (Modular)	PCS Power	100 kW	200 kW	300 kW	400 kW	500 kW	600 kW	700 kW	800 kW	900 kW	1000 kW			
		Number of PCS module	1	2	3	4	5	6	7	8	9	10			

FLEX 215 All-in-one PARAMETERS

	Items	Parameters
AC Parameters	Rated Power	100 kW
	Maximum Power	110 kW
	Grid Type	3W+N+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, G99, AS/NZS 4777, VDE 4105 CEI-016, CEI-021, NRS097, C10/11
DC Parameters	Rated Voltage	768 V
	Voltage Range	648 V ~ 864 V
	Rated Capacity	280 Ah
	Rated Energy	215 kWh
	Charge/Discharge Rate	0.5 P
Other Parameters	Degree of Protection	IP 55
	Operation Temperature	-20 ~ 45 °C
	Storage Temperature	-30 ~ 55 °C
	Altitude	≤ 2000 m
	Relative Humidity	≤ 95% (No condensing)
	Cooling Method	Air cooling
	Fire Suppression System	Aerosol
	Communication	CAN / Ethernet
	Dimensions (W × D × H)	1600 x 1000 x 2150 mm
	Weight	2.2 t