

FLEX 233 AIO

All-in-one Liquid Cooling Outdoor Cabinet ESS



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FLEX 233 AIO LAYOUT



FLEX 233 AIO CONFIGURATION

FLEX 233 AIO PARAMETERS



FLEX 233 AIO ESS Configuration Suggestion			
Battery Capacity (kWh)	PCS Power (kW)	Number of PCS Module	Number of Battery Cabinet
233	100	1	1
466	200	2	2
699	300	3	3
932	400	4	4
1165	500	5	5
1398	600	6	6
1631	700	7	7
1864	800	8	8
2097	900	9	9
2330	1000	10	10

	Items	FLEX 233 AIO
AC Parameters	Rated Power	100 kW
	Maximum Power	110 kW
	Grid Type	3P+N+PE
	Rated Grid Voltage	380 V / 400 V
	THDi	≤ 3%
	Grid Frequency	50 / 60 Hz
	EMC & Safety Standards	IEC61000, IEC 62477
	Grid Connection Standards	EN 50549-1/-2, G99, VDE 4105, NRS 097, C10/11
DC Parameters	Rated Voltage	832 V
	Voltage Range	728 V ~ 936 V
	Rated Energy	233 kWh
Other Parameters	Degree of Protection	IP 55
	Operation Temperature	-30 ~ 50 °C
	Storage Temperature	-30 ~ 60 °C
	Altitude	≤ 3000 m
	Relative Humidity	5%~95% (No condensing)
	Cooling Method	Liquid cooling
	Fire Suppression System	Aerosol
	Communication	MODBUS
	Dimensions (W × D × H)	1350 x 1300 x 2050 mm
	Weight	2.6 t
	Certifications	CE-EMC, CE-LVD, IEC 62619, IEC 62933-5-2, UN38.3