

Utility ESS

CFE DC System



Efficient and Flexible

- High-efficiency heat dissipation, increase battery life and system performance.
- Function test in factory, minimize on-site work accelerate commissioning process.



Safe and Reliable

- Electrical safety management, overcurrent fast breaking and arc extinguishing protection.
- The electrical cabinet and battery cabinet are separated to prevent thermal runaway.



Convenient O&M

- One-click system upgrade.
- Automatic coolant top-up design (where applicable).
- Online intelligent monitoring.



Optimal Cost

- Intelligent temperature control system to optimize the auxiliary power consumption.
- Pre-assembled system to minimise on-site module handling and accelerate commissioning.



Utility ESS DC-Cabinet Quick Reference

DC Cabinet Model		CFE DC 2 HL	CFE DC 3 HL	CFE DC 4 HL	CFE DC 5 HL
Battery DC Voltage (V)	High Voltage	1497.6 V	1497.6 V	1497.6 V	1497.6 V
	Low Voltage	1123.2 V	1123.2 V	1123.2 V	1123.2 V
Cooling Method		Liquid cooling	Liquid cooling	Liquid cooling	Liquid cooling
System Series & Parallel Connection	S / PACK	52	52	52	52
	S / RACK	8	8	8	8
	P / BESS	5	8	10	12
Rated DC energy (MWh, cell-based)	314 Ah	2.09	3.34	4.18	5.02
System Dimensions (mm)	W	2,438 mm	2,438 mm	2,438 mm	2,438 mm
	D	4,350 mm	6,058 mm	6,200 mm	7,200 mm
	H	2,896 mm	2,896 mm	2,896 mm	2,896 mm
Gross weight (t)	314 Ah	23 t	32 t	38 t	44 t

Note: Specifications are subject to change without notice. For detailed technical data and compliance scope, refer to the technical datasheet.

CFE ESS Co., Ltd.

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