

C&I ENERGY STORAGE SYSTEM



Long Lifespan

Utilizes large-capacity, high-cycle-life battery cells, supporting long-term stable operation



Flexible scalability

Both the number of cells within each cluster and the number of battery clusters can be flexibly configured as needed.



Large-capacity C&I applications

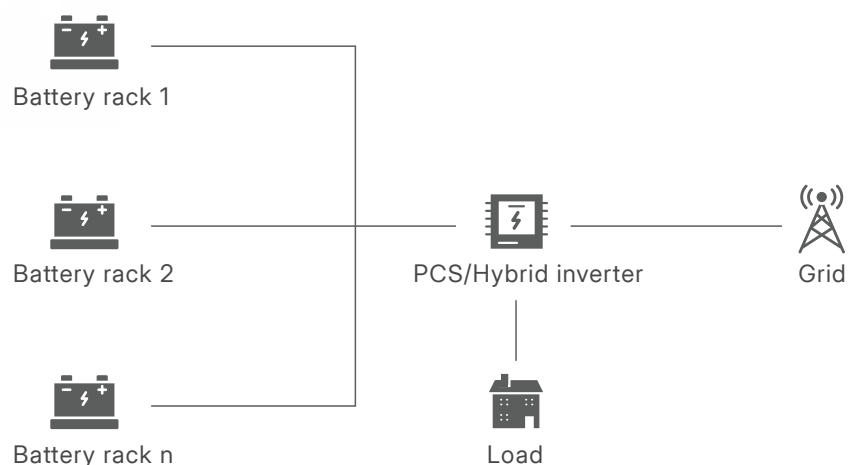
Each battery stack can be expanded from tens of kWh to several MWh.



Intelligent O&M

All battery data can be uploaded to the cloud, enabling remote operation, maintenance, and management.

System Diagram



Product Model	MorphB-96kWh	MorphB-120kWh	MorphB-144kWh	MorphB-168kWh
	MorphB-192kWh	MorphB-216kWh	MorphB-240kWh	MorphB-264kWh

Pack parameters

Nominal voltage	DC76.8V
Nominal enegy	24kWh
Rated capacity	314Ah
Rated Charge/Discharge rate	0.5C
Cooling type	Air cooling

Rack parameters

Modules quantity	4	5	6	7
	8	9	10	11
Rated energy	96kWh	120kWh	144kWh	168kWh
	192kWh	216kWh	240kWh	264kWh
Nominal voltage (DC)	307.2V	384V	460.8V	537.6V
	614.4V	691.2V	768V	844.8V
Voltage range (DC)	268.8~345.6V	336~432V	403.2~518.4	470.4~604.8
	537.6~691.2V	604.8~777.6V	672~864V	739.2-950.4V
Dimension (W×D×H)	1050×1030×1650 mm			

Battery system parameters

Number of racks	1~16
Communication	CAN/Ethernet
Cycle life	8000cycles (25°C±2°C, 0.5C, 80%DOD, 70%EOL)

Basic parameters

Temperature range	-30°C~+55°C (Derating Below - 15°C or above 45°C)
Humidity range	0~95% (No condensation)
Maximum working altitude	3000 m (> 2000 m Derating)
Noise	≤75dB
Ingress protection rating	IP20
Wattanty	5 years