

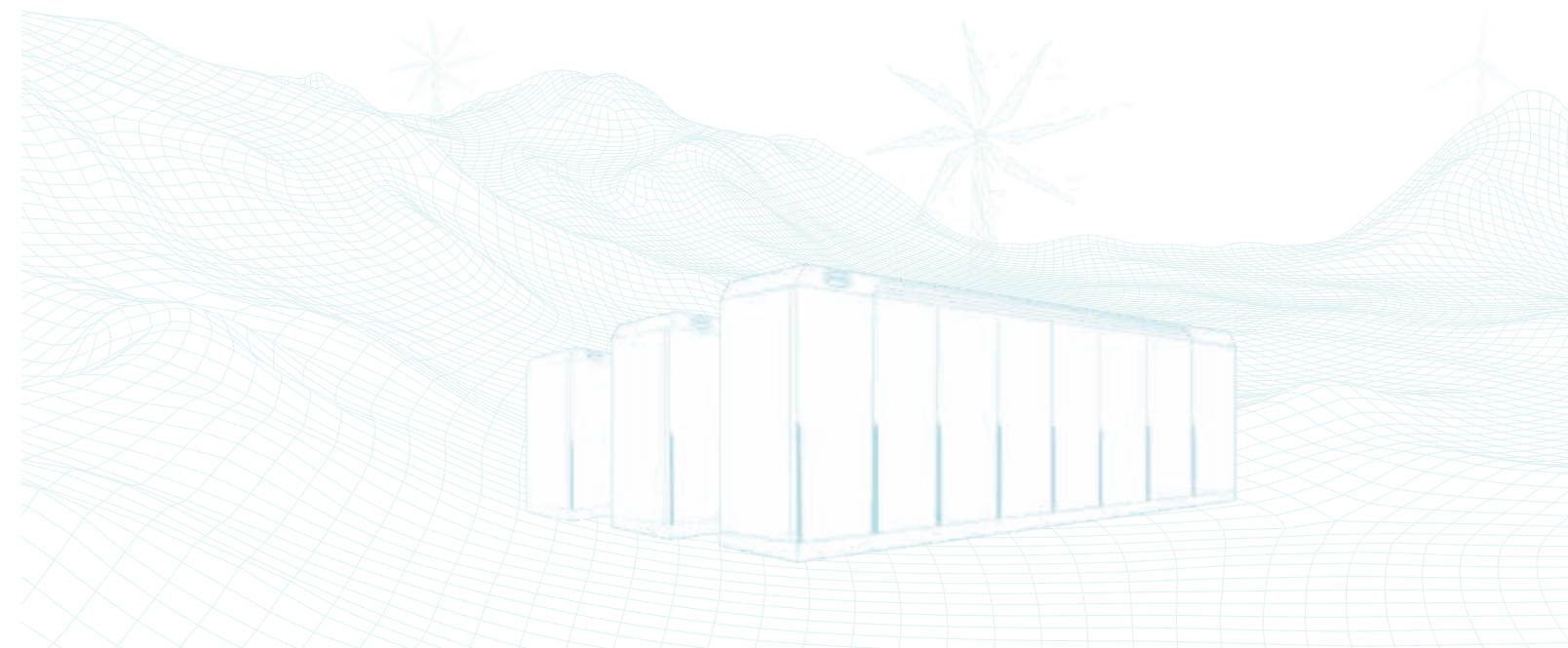


Energy Storage

比亚迪储能

Build Your Dreams

储能行业引领者



MC10C-B5365-U-R4M01
MC10C-B4659-U-R2M01

MC Cube ESS

World's first BESS using the Blade Battery, highly integrated with ultra high energy density, flexible configuration and easy for transportation, layout, installation, augmentation and maintenance.



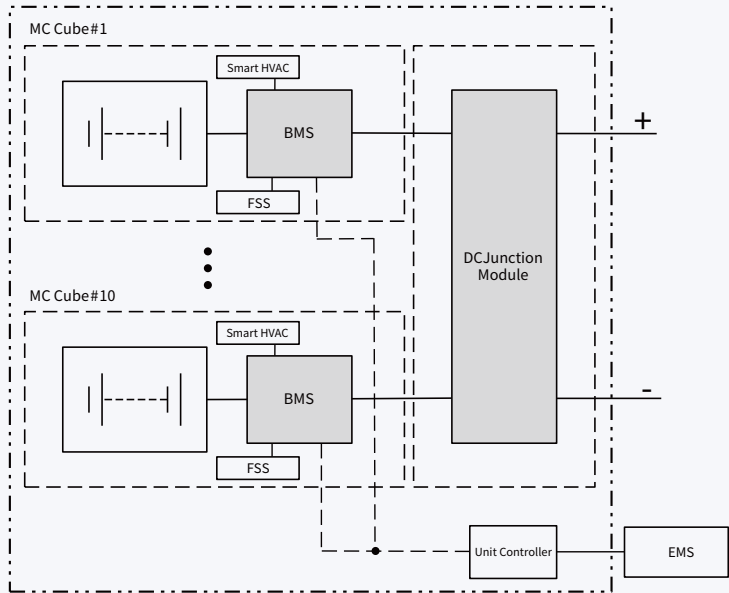
SYSTEM FEATURES

Professional & Smart
Vehicle regulation Temperature control/electronic control solution compliant with vehicle standards, cloud-terminal smart battery management algorithm.

Ultra High Safety
Zero safety accident in 15 years, UL9540A certified.

Reliable & Stable
Extreme battery strength, long lifecycle. Cloud intelligent service, latest upgrading.

CIRCUIT DIAGRAM



SYSTEM PARAMETERS

System Type	MC10C-B5365-U-R4M01	MC10C-B4659-U-R2M01
DC Side		
Cell Type	LFP	LFP
String Type	1P416S	1P416S
System Configuration	10×1P416S	10×1P416S
Battery Capacity (BOL))	5365kWh	4659kWh
DC Usable Energy(BOL)@FAT	5099kWh	4428kWh
DC Usable Energy (BOL)@SAT	4946kWh	4295kWh
Battery Voltage Range	1081.6 ~ 1497.6V	1081.6 ~ 1497.6V
Nominal Power	1236kW	2147kW
General Parameters		
Dimensions(W×D×H)	6058×2438×2896mm	6058×2438×2896mm
Weight	≈41035kg	≈41385kg
IP Rating	IP55	IP55
Operating Ambient Temperature	-30℃~+55℃【1】	-30℃~+55℃【1】
Relative Humidity	5%~100%	5%~100%
Max. Working Altitude	< 2000m	< 2000m
Cooling Concept	Smart Air Cooling	Liquid Cooling
Noise	≤75dB(A)	≤75dB(A)
Fire Suppression System	With fire alarm system(Aerosol optional)	With fire alarm system(Aerosol optional)
Communication Interfaces	Ethernet	Ethernet
Communication Protocols	Modbus TCP/IP	Modbus TCP/IP
Standard Color	RAL9003	RAL9003
Compliance	UN38.3,UN3536,UL9540A,UL1973,IEC62619	

Note:
【1】 Power derating is performed when the ambient temperature is below -15℃ or above 45℃.