

## MC CUBE ESS

MC10C-B5365-E-R4M01, MC9C-B4828-E-R4M01, MC8C-B4292-E-R4M01,  
MC7C-B3755-ER4M01, MC6C-B3219-E-R4M01, MC5C-B2682-E-R4M01



### FEATURES



REMOTE  
MONITORING



ENGINEER  
INSTALLATION



1 + 1  
BATTERY



HIGHLY  
EFFICIENT



24 HOUR  
MONITORING

### HIGHLIGHTS

- Safe and reliable
- Zero safety accident in 15+ years, UL9540A certified.
- Simple and user-friendly
- Economical and efficient
- Pre-installed in factory for easy installation on site
- Integrated BMS/EMS, suitable for various applications
- Extreme battery strength
- Long lifecycle
- Cloud-terminal smart battery management algorithm.
- Efficient and energy-saving HVAC design

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

MODEL	MC10C-B5365-U-R4M01	MC10C-B5365-E-R4M01	MC9C-B4828-E-R4M01
<b>DC SIDE</b>			
Cell Type	LFP	LFP	LFP
String Type	1P416S	10 * 1P416S	9* 1P416S
System Configuration	536kWh	5365kWh	4828kWh
Battery Capacity (BOL)	515kWh	5099kWh	4589kWh
DC Usable Energy (BOL)@FAT	510kWh	5048kWh	4543kWh
DC Usable Energy (BOL)@SAT	500kWh	4946kWh	4451kWh
Battery Voltage Range	1081.6-1497.6V	1081.6-1497.6V	1081.6-1497.6V
Nominal Power	129kW	1275kW	1147kW
<b>GENERAL PARAMETERS</b>			
Dimensions (W×D×H)	1130*1203*2521mm	6058*2438*2896mm	6058*2438*2896mm
Weight	3897kg	42261kg	38364kg
IP Rating	IP55	IP55	IP55
Operating Ambient Temperature	-30C~+55C	-30C~+55C	-30C~+55C
Relative Humidity	5%~100%	5%~100%	5%~100%
Max. Working Altitude	<2000m	<2000m	<2000m
Cooling Concept	Smart air cooling	Smart air cooling	Smart air cooling
Noise	≤75dBA	≤75dBA	≤75dBA
Fire Suppression System	With fire alarm system, with aerosol	With fire alarm system, with aerosol	With fire alarm system, with aerosol
Communication Interfaces	CAN	Ethernet	Ethernet
Communication Protocols	OD	Modbus TCP/IP	Modbus TCP/IP
Standard Color	RAL 9003	RAL 9003	RAL 9003
Compliance	U N38.3,UN3536,UL9540A,UL1973,IEC62619		

MODEL	MC8C-B4292-E-R4M01	MC7C-B3755-E-R4M01
<b>DC SIDE</b>		
Cell Type	LFP	LFP
String Type	8 * 1P416S	7* 1P416S
System Configuration	4292kWh	3755kWh
Battery Capacity (BOL))	4079kWh	3569kWh
DC Usable Energy (BOL)@FAT	4038kWh	3533kWh
DC Usable Energy (BOL)@SAT	3957kWh	3462kWh
Battery Voltage Range	1081.6-1497.6V	1081.6-1497.6V
Nominal Power	1020kW	892kW
<b>GENERAL PARAMETERS</b>		
Dimensions (W×D×H)	6058*2438*2896mm	6058*2438*2896mm
Weight	34467kg	30570kg
IP Rating	IP55	IP55
Operating Ambient Temperature	-30C~+55C	-30C~+55C
Relative Humidity	5%~100%	5%~100%
Max. Working Altitude	<2000m	<2000m
Cooling Concept	Smart Air Cooling	Smart air cooling
Noise	≤75dBA	≤75dBA
Fire Suppression System	With fire alarm system, with aerosol	With fire alarm system, with aerosol
Communication Interfaces	Ethernet	Ethernet
Communication Protocols	Modbus TCP/IP	Modbus TCP/IP
Standard Color	RAL9003	RAL9003
Compliance	U N38.3,UN3536,UL9540A,UL1973,IEC62619	

MODEL	MC6C-B3219-E-R4M01	MC5C-B2682-E-R4M01
<b>DC SIDE</b>		
Cell Type	LFP	LFP
String Type	6* 1P416S	5* 1P416S
System Configuration	3219kWh	2682kWh
Battery Capacity (BOL)	3059kWh	2549kWh
DC Usable Energy (BOL)@FAT	3029kWh	2524kWh
DC Usable Energy (BOL)@SAT	2967kWh	2473kWh
Battery Voltage Range	1081.6-1497.6V	1081.6-1497.6V
Nominal Power	764kW	637kW
<b>GENERAL PARAMETERS</b>		
Dimensions (W×D×H)	6058*2438*2896mm	6058*2438*2896mm
Weight	26673kg	22776kg
IP Rating	IP55	IP55
Operating Ambient Temperature	-30C~+55C	-30C~+55C
Relative Humidity	5%~100%	5%~100%
Max. Working Altitude	<2000m	<2000m
Cooling Concept	Smart Air Cooling	Liquid Cooling
Noise	≤75dBA	≤75dBA
Fire Suppression System	With fire alarm system, with aerosol	With fire alarm system, with aerosol
Communication Interfaces	Ethernet	Ethernet
Communication Protocols	Modbus TCP/IP	Modbus TCP/IP
Standard Color	RAL9003	RAL9003
Compliance	U N38.3,UN3536,UL9540A,UL1973,IEC62619	



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- In-house mechanical and electrical design capability
- Solutions for any environment, application and location
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Get in touch with our team today to discuss your requirements.

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## Your power in safe hands