

MC CUBE ESS

MC10C-B4659-E-R2M01, MC9C-B4193-E-R2M01, MC8C-B3727-E-R2M01,
MC7C-B3261-ER2M01, MC6C-B2795-E-R2M01, MC5C-B2330-E-R2M01,
MC-B466-E-R2M01



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 | MC-B466-E-R2M01 | MC10C-B4659-E-R2M01 | MC9C-B4193-E-R2M01 |
|-------------------------------|--|--------------------------------------|--------------------------------------|
| DC SIDE | | | |
| Cell Type | LFP | LFP | LFP |
| String Type | 1P416S | 10 * 1P416S | 9 * 1P416S |
| System Configuration | 466kWh | 4659kWh | 4193kWh |
| Battery Capacity (BOL) | 447kWh | 4428kWh | 3985kWh |
| DC Usable Energy (BOL)@FAT | 443kWh | 4384kWh | 3945kWh |
| DC Usable Energy (BOL)@SAT | 434kWh | 4295kWh | 3945kWh |
| Battery Voltage Range | 1081.6-1497.6V | 1081.6-1497.6V | 1081.6-1497.6V |
| Nominal Power | 129kW | 2214kW | 1993kW |
| GENERAL PARAMETERS | | | |
| Dimensions (W×D×H) | 1130*1203*2521mm | 6058*2438*2896mm | 6058*2438*2896mm |
| Weight | 3920kg | 42900kg | 38950kg |
| 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 | Liquid cooling | Liquid cooling | Liquid 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 6002 | RAL 9003/RAL 6002 | RAL 9003/RAL 6002 |
| Compliance | U N38.3,UN3536,UL9540A,UL1973,IEC62619 | | |

| MODEL | MC8C-B3727-E-R2M01 | MC7C-B3261-E-R2M01 |
|-------------------------------|--|--------------------------------------|
| DC SIDE | | |
| Cell Type | LFP | LFP |
| String Type | 8 * 1P416S | 7 * 1P416S |
| System Configuration | 3727kWh | 3261kWh |
| Battery Capacity (BOL)) | 3542kWh | 3100kWh |
| DC Usable Energy (BOL)@FAT | 3506kWh | 3069kWh |
| DC Usable Energy (BOL)@SAT | 3436kWh | 3007kWh |
| Battery Voltage Range | 1081.6-1497.6V | 1081.6-1497.6V |
| Nominal Power | 1020kW | 892kW |
| GENERAL PARAMETERS | | |
| Dimensions (W×D×H) | 6058*2438*2896mm | 6058*2438*2896mm |
| Weight | 34950kg | 31050kg |
| IP Rating | IP55 | IP55 |
| Operating Ambient Temperature | -30C~+55C | -30C~+55C |
| Relative Humidity | 5%~100% | 5%~100% |
| Max. Working Altitude | <2000m | <2000m |
| Cooling Concept | Liquid 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 | RAL 9003/RAL 6002 | RAL 9003/RAL 6002 |
| Compliance | U N38.3,UN3536,UL9540A,UL1973,IEC62619 | |

| MODEL | MC6C-B2795-E-R2M01 | MC5C-B2330-E-R2M01 |
|-------------------------------|--|--------------------------------------|
| DC SIDE | | |
| Cell Type | LFP | LFP |
| String Type | 6 * 1P416S | 5 * 1P416S |
| System Configuration | 2795kWh | 2330kWh |
| Battery Capacity (BOL) | 2657kWh | 2214kWh |
| DC Usable Energy (BOL)@FAT | 2630kWh | 2192kWh |
| DC Usable Energy (BOL)@SAT | 2577kWh | 2148kWh |
| Battery Voltage Range | 1081.6-1497.6V | 1081.6-1497.6V |
| Nominal Power | 764kW | 637kW |
| GENERAL PARAMETERS | | |
| Dimensions (W×D×H) | 6058*2438*2896mm | 6058*2438*2896mm |
| Weight | 27050kg | 23100kg |
| IP Rating | IP55 | IP55 |
| Operating Ambient Temperature | -30C~+55C | -30C~+55C |
| Relative Humidity | 5%~100% | 5%~100% |
| Max. Working Altitude | <2000m | <2000m |
| Cooling Concept | Liquid 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 | RAL 9003/RAL 6002 | RAL 9003/RAL 6002 |
| Compliance | U N38.3,UN3536,UL9540A,UL1973,IEC62619 | |



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