

CHESS Pro

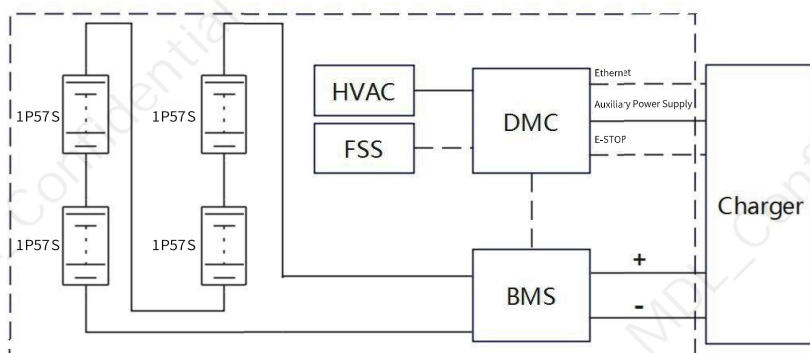
XC-B233-E-R1M01



System Features

- Meet the fast charging of electric vehicles
- Outdoor design with a wide range of applications
- Make the BESS safer and more efficient with the integrated design of HVAC, FSS and BMS
- Fast charge and discharge ability and long cycle life

Circuit Diagram



System Parameter

System Type	XC-B233-E-R1M01
DC Side	
Cell Type	LFP C15
Cell Capacity	320Ah
Pack Type	1P57S
Rack Size	1P228S (4 packs)
System Configuration	1P228S
Battery Capacity (BOL)	233kWh
DC Usable Energy (BOL)@FAT	215kWh
DC Usable Energy (BOL)@SAT	208kWh
Battery Voltage Range	592.8~820.8V
Nominal Power (Charge/Discharge)	100kW / 200kW
General Data	
Dimensions (W×D×H)	1500×800×2250mm
Weight	≤2600kg
IP Rating	IP54(Electrical part);IP65(Battery part)
Ambient Operating Temperature Range	-25°C ~ +55°C 【1】
Storage Temperature Range	-20~35°C<12months;-20~45°C < 3months
Relative Humidity	5% ~ 95%
Max. Working Altitude	< 2000m
Cooling Concept	Liquid cooling
Noise	≤75dBA
Fire Suppression System	Aerosol
Auxiliary Power Interface	AC230V/50Hz
Auxiliary System Peak Power Requirement @45°C	5kW
Communication Interfaces	Ethernet
Communication Protocols	Modbus TCP/IP
Compliance	IEC62619, UL1642, UL1973, UL9540A, UN38.3
Standard Color	Front: MD458-3JA0-0; Side: RAL9011

Note:

【1】 Power derating is performed when the ambient temperature exceeds 45°C