MPMC BEYOND ENERGY



Model:BCH-275-200

MOBILE BESS CHARGER

Design Standards

BCH is a new range of charging solutions for electric drive equipment and electric vehicles.
The product is designed based on mobile scenarios,fully considering the issues of convenience and security.
Becoming a brand new choice for power transportation.

Benefits

- Integrated installation, convenient storage and transportation;
- High return on investment and short payback period;
- Simple operation and easy maintenance;
- Power and Capacity can be expanded, meet different user needs;

Warranty

Please contact the sales and check the warranty manual

General Information		AC Side	DC Side
Rated Output Power@25℃		125kVA	150kW
Rated Output Voltage		380V@50/60Hz,3ph.4W (400V & 415V available)	DC 50V~1000V
Rated Battery Storage Capacity		203 kWh	
Output	Terminals	N/A	CCS-2 250A Gun * 2 sets
	Sockets	CEE 125A/5P*1 set; CEE 16A/3P*1 set	N/A
Input	Sockets	CEE 125A/5P*1 set for AC Power; CEE 63A/5P*1 set for SOLAR	CCS-2 250A*1 set
Protection Class		IP54	
Loading Dimension(W*D*H)		2250*1450*1800mm	
Net.Weight		2800 kg	
Loading Capacity		4 units@20'GP; 8 units@40'HC	
Discharge Temperature Range		-20~50°C(> 45℃ derating)	
Max Altitude		3000m(> 2000m derating)	
Certificate		IEC 61851,IEC 61000,IEC 62477,IEC 62933,UN38.3	

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INTELLIGENT PCS with EMS

EASY OPERATION ON **ONE SCREEN**

$LiFePO_4$ BATTERY
Long Life Design Up to
6000 cycles
High Quality Based on
Specification Consistency of CELLS~!

BUILT-IN INLET S&OUTLETS

EASY CONNECTED

C-4 **LEVEL**
ANTI-CORROSION
SUITABLE WITH HEAVY DUTY

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Battery	
Cell Type	LFP($LiFePO_4$)
Pack Capacity	40.7 kWh
Pack Rated Voltage	153.6 VDC
Cyclic Life	6000 Times(1C@80%DOD)
Battery Voltage of Rack	768 VDC
Connection of Rack	5S1P
PCS	
Max. Output Power	125kVA
Rated Output Power	125kVA
PF	1 lagging~1 leading
AC Connection	3W+N+PE
Max. Efficiency	98.9%
Transformer	N/A
Communication	CAN/RS485/Ethernet
Safety & EMC Certificates	IEC61000, IEC62477
Cooling System	
Battery Cabin	LCAC
PCS Cabin	Fans
Protection Device	
Fire Suppressant	Aerosol (CE)
Sensor	Smoke,Temperature,Water immersion,Door's open

Compatible with the 3.5T road trailer required by EU regulations

Achieving instant installation and departure, while also considering safety, reliability, and convenience



Extremely high ROI, with an average payback time of less than 1 year

*Depends on local charging electricity prices and service rates



*TRAILER AS OPTION

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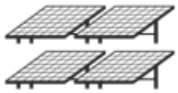
Typical Application

Charger Gun | AC Connection | DC Connection

PV



Inverter



Cloud



ECM



GRID



BCH



GENSET



EV



Load



BCH



MPMC BEYOND ENERGY

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