

Model: BCH-80-70 MOBILE BESS & EV CHARGER



Photos for reference only

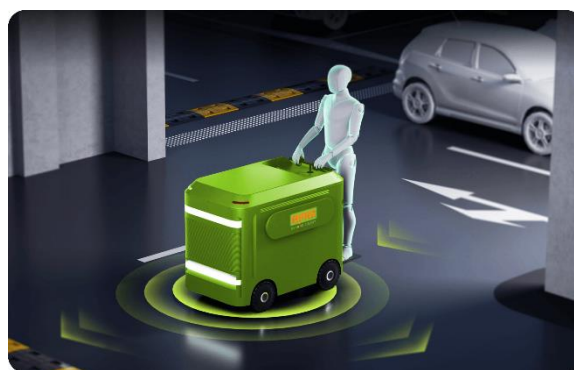
Benefits

- Standing driving, wide vision, easy to use;
- Convenient charging and transportation, intelligent management;
- 6m liquid cooled charging cable;
- 7 Inch Touch Screen with English;
- Simple operation and easy maintenance;
- Automotive grade LiFePO4 battery;
- Long Life Design Up to 6000 cycles.

Design Standards

BCH® is a new range of secure integrated Mobile Battery Energy storage system & Mobile EV Charger. This mobile and modular solution includes batteries, DC charger and smart control system, liquid heating and liquid cooling thermal management system and fire protection.

BCH® is mainly developed full scene storage and charging integrated driving mobile supercharging device. It can be quickly and flexibly deployed to various types of indoor and outdoor parking lots, eliminating the high cost of power expansion and renovation, so that all parking spaces are immediately charged, and providing users with the ultimate non-inductive fast charging experience.



Photos for reference only



General Information

Model	BCH-80-70
Max. Output Power	80 kW
Battery Storage Capacity	70 kWh
Battery Type	LFP (LiFePO ₄)
Loading Dimension(L*W*H)	1460 x 780 x 1200 mm
Weight	880 kg
Operating Temperature Range	-20 ~ 55 °C (> 40 °C derating)
Max altitude	4000 m (> 2000 m derating)

Drive System

Drive System	Standing Driving (Electric Drive)
Drive Method	Front Wheels for Turn, Back Wheels for Drive
Max. Drive Speed	1.5 m/s (5.4 km/h)
Minimum Turning Radius	1.7 m
Max. Grade Climbing	20°
Brake	Disc

Output

Max. Output Power	80 kW
Output Interface	CCS2 x 1
Output Voltage	200 ~ 1000 Vdc
Max. Output Current	260 A
Max. Efficiency	95.4%
Cable Length	6m (Liquid Cooled)
Protocol	DIN 70121, ISO 15118

Input

Max. Input Power	70 kW
Input Interface	CCS2 x 1
Rated Input Voltage	403 Vdc
Max. Input Current	173 A

Others

Heat Management System	Liquid Heating & Liquid Cooling
IP Rating	IP54
Network Interface	4G
Network Protocol	MPMC
Standards and compliance	IEC 61851-1, IEC 61851-23
Certification	CE



MPMC USA



MPMC UK



MPMC ZA



MPMC UAE



MPMC PA



MPMC CN

MPMC POWERTECH CORP.

sales@mpmc-china.com | www.mpmc-china.com

Photographs are for illustrative purposes only and may not reflect final specification.

Follow us



<https://www.facebook.com/mpmcgroup>



<https://www.linkedin.com/company/mpmcpowertech/>



<https://www.youtube.com/user/MPMCGenerator>

All information in this document is substantially correct at time of printing and may be altered subsequently. Final weight and dimensions will depend on completed specification.