

MPMC GROUP OF COMPANIES



Generator Sets



Lighting Towers



Hybrid Energy Solutions



BESS



Reefer Container Gensets

WWW.MPMC-GROUP.COM



MPMC USA



MPMC UK



MPMC UAE



MPMC ZA



MPMC CN

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POWER



HYBRID ENERGY SOLUTIONS

Residential | Commercial | Industrial

World-Class Mobile Hybrid Energy Solutions Provider



In order to provide better mobile hybrid energy solutions, MPMC POWERTECH CORP. designs, manufactures and markets a wide range of state-of-the-art LiFePO4 battery energy storage solutions by optimizing electrochemistry power and hybrid energy system integration. Our products help to realize self-sufficient energy supply in residential, commercial, industrial energy storage, etc.

MPMC POWERTECH CORP. (Security Code 832266) is an international high-tech enterprise established in the Year 2008. As a world-class mobile hybrid energy solution provider, MPMC specializes in providing intelligent generator sets, mobile lighting towers, distributed All-In-One hybrid micro-power stations and other smart cloud energy management solutions to worldwide.

Taking full advantages of its independent R&D, productive intellectual property, full-process manufacturing and global marketing & services,

MPMC has established holding subsidiaries and offices in the USA, South Africa, UK, UAE and China. Up to now, with products sold to more than 120 countries & regions, distributors of MPMC have covered a wide range of countries & regions in the Americas, Europe, Oceania, Africa, Middle East and Southeast Asia.

MPMC has also co-founded a joint laboratory of distributed smart hybrid energy technology with TONGJI University, one of the most prestigious universities in China. By utilizing the self-developed APP named "More Power Cloud", the laboratory is striving to conduct various technical researches on global hybrid intelligent life-cycle management.

To become a leader in mobile hybrid power solution, with more reliable, more intelligent and more attentive services, MPMC makes every endeavour to provide the most timely, customized and comprehensive solutions.

With more reliable, more intelligent and more considerate service, MPMC provides "More Power, More Confidence" to global customers.



120 Countries
Products are exported to 120 countries



70+ Types
4 categories of 70+ types of products



60+ Distributors
Over 60 global distributors



50 Specialists
50 experts focused on different applications



77 Patents
3 invention patents and 74 utility model patents

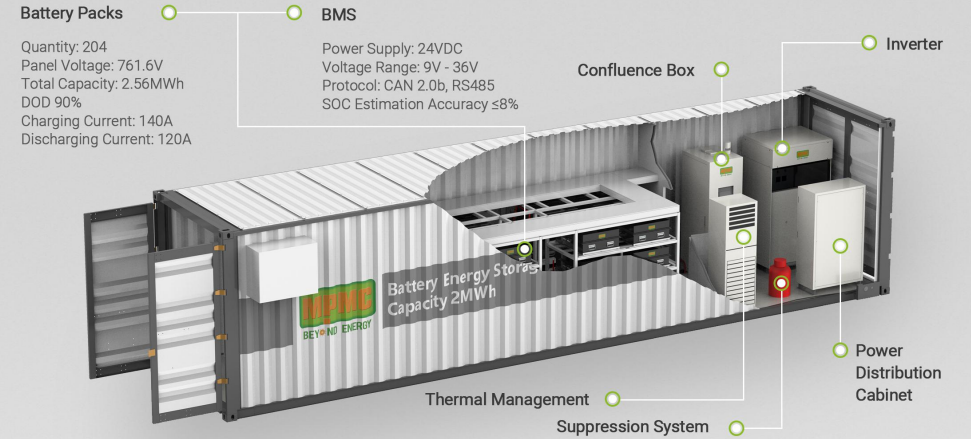
MPMC HYBRID®

Energy Storage Solutions For Industrial Applications

MPMC Containerized Battery Energy Storage System (BESS) allows fast installation and easy operation for its modular design.

Based on standard 40'HC Container, it copes with configuration from 2500 kWh energy storage power station (single container) to major power plant (combining multiple containers). It integrates up-market Battery System, Battery Management System and Operation Monitoring System, with excellent lithium-ion battery consistency ensures 8000 times of lifecycles for 8 consecutive years, meeting the most demanding applications.

- Solar/Wind/Hybrid power storage
- Peak-shaving
- On/Off-grid back-up power etc.



Key Features

1. Cycle life: 8000 times under charge/discharge @ 0.3C once per day @ DOD 80% for 8 consecutive years, total capacity of the battery system ≥ 80% of default initial capacity.
2. Excellent lithium-ion battery consistency.
3. Standard protocol to realize reliable external communication and scheduling.
4. Stable performance, high safety with gaseous fire suppression system.
5. Built-in air conditioner to manage in-box temperature. Exceptional heat dissipation.

Specification

* Customization available.

Model	HBD-100-200	HBD-150-150	HBD-150-300	HBD-250-500	HBD-500-1000	HBD-1000-2500
Rated Power	100kW	150kW	150kW	250kW	500kW	1000kW
Rated Voltage	400Vac	400Vac	400Vac	400Vac	400Vac	400Vac
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Phase	3	3	3	3	3	3
System Energy Capacity	200.7kWh	150.5kWh	301.1kWh	526.8kWh	1004kWh	2559kWh
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Dicharge Depth	90%	90%	90%	90%	90%	90%
Pack Qty.	16	12	24	42	80	204
Cooling System	Air Conditioner	Air Conditioner	Air Conditioner	Air Conditioner	Air Conditioner	Air Conditioner
Cycle Life	8000	8000	8000	8000	8000	8000
Altitude	≤1000	≤1000	≤1000	≤1000	≤1000	≤1000
Operating Temperature	-20°C~50°C	-20°C~50°C	-20°C~50°C	-20°C~50°C	-20°C~50°C	-20°C~50°C
Container	10'GP	10'GP	10'GP	20'GP	20'GP	40'HC