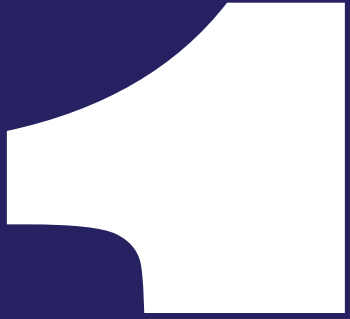




MPMC POWERTECH CORP.

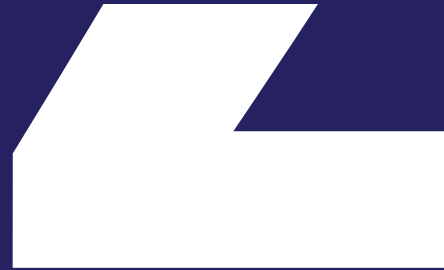
Global Leader In Distributed Hybrid Solutions & Off-Grid Systems



Company Profile



Products & Showcase



Life Cycle Services



Company Profile

MPMC POWERTECH CORP.



Shanghai headquarters



Haimen



Yangzhong

- Established in **2008**, Shanghai, China.
- Global leader in distributed hybrid solutions and off-grid systems.
- The **first publicly listed** company in diesel generator sets industry in NEEQ in China.

Stock Code: 832266



120 Countries

Products are exported to 120 countries



59 Types

Three categories of 59 types of products



15000 Sets

Annual production capacity



80 Specialists

80 solution experts focused on different applications






126 Patents

7 invention patents, 108 utility model patents, 8 software copyrights and 3 appearance patents.



MPMC ENERGY TECH CORPORATION







-  2 Semi + 1 Full Automatic Battery Pack Assembly Lines
-  3 Full Automatic BESS Assembly Lines
-  19,000 m² Workshop + 3,300 m² R&D Center

- Completed and put into operation in January 2025, the facility includes 19,000m² of workshops and 3,300m² of R&D buildings, with a total investment of USD \$26.8 million.
- Location: Yangzhong, Jiangsu Province
- Supply chain advantages: Valued sheet metal industrial resources + sufficient and skilled workers
- Main products: Containerized diesel (gas) generator sets, Battery packs, Containerized BESS, Hybrid power stations, Solar light towers...



MPMC POWERTECH JIANGSU CO. LTD.



-  Integration of Solar/Wind/Diesel /Storage/Hydrogen Systems
-  **Smart Factory:** CRM, ERP, PLM, MES, OA, etc.
-  **22,000 m² Workshop + Office Area**
-  **CNAS-Certified Testing Center**

■ **Location:** Haimen City, Jiangsu Province

■ **Main Products:** Containerized Intelligent Diesel Generator Sets, Diesel Light Towers, Reefer Generator Sets etc.



TOP G-OEM in China

Products sold to 120+ countries





MPMC Energy America
(2019, USA)



MPMC Factory
(2015, Jiangsu)



MPMC Agen
(2021, Fujian)



MPMC Energy Jiangsu
(2021, Jiangsu)



MPMC Hong Kong
(2022, HK)



MPMC Soeasy
(2018, Shanghai)



MCCT Cold Chain Tech
(2021, Jiangsu)



MPMC GREEN POWER SOLUTIONS
(2025, Jiangsu)



Corporate Culture



Mission

For lower carbon, greener and more beautiful life.

Vision

Global leader in distributed hybrid solutions & off-grid systems.

Value

Customer First
Result-Oriented
Self-Driven Accountable
Pursuit of Excellence



More Power More Confidence

Company Certification Systems



Regular Review

Every year, **CCS** review **ISO9001, ISO14000, ISO45001**.



ARCADIS Review

In 2020, **the world-renowned ARCADIS company was hired as for the 3rd party** to review and guide the EHS of MPMC.



Safety & Occupational Health First

Only paying attention to people can pay more attention to products and services.



Recently Obtained

CNAS registration No.: L18681
WMI code: H09/SFD (for trailer)



Product Certifications



CE



TUV



SGS



SABER

UN38.3

UN38.3



Russian Customs Union



France BV



China TLC



Nigeria SONCAP



UL



Products & Showcase

Our Main Products



Power Generation

- Diesel Genset
- Gas Genset
- Methanol Genset
- Biofuel Genset
- Diesel Lighting Tower



Hybrid Solution

- Hybrid Power Station
- Hybrid Lighting Tower
- Solar Lighting Tower
- Mobile Solar Plant
- Micro Grid Solution



Battery Energy Storage System

- HBD-E Series
- HBD-A Series
- HBD-R Series



Mobile BESS Charger

- BCH-80-70
- BCH-275-200
- BCH-500-1000



Power Generation



Diesel Genset

Power range: 9-3000kVA

Prime / Standby

Plug & Play

Prime Use:

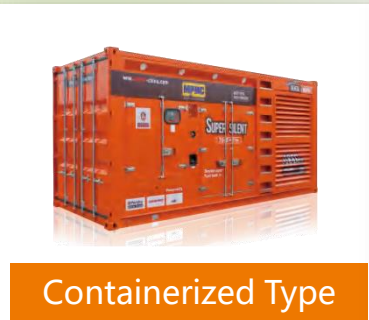
- Industrial Plants and Manufacturing
- Construction Sites
- Farms and Agricultural Operations
- Telecommunication Towers

Heavy-Duty Use:

- Data Centers
- Military and Defense Installations
- Mining and Oil & Gas Operations
- Ports and Airports

Standby Use:

- Hospitals and Healthcare Facilities
- Commercial Buildings and Offices
- Government and Municipal Facilities
- Events and Entertainment Venues



Power Generation



Gas Genset

Easy maintenance

Low noise

Electricity efficiency: $\geq 38\%$

Instant Start

Low emissions

Total Energy Utilization Efficiency: $\geq 80\%$

Application Scenarios:

- Islanded power plants
- Peaking power plants
- Surplus power feed-in



Power Generation



Biofuel Genset

Clean Emissions

Safe Handling

Renewable & Biodegradable

Cold Start Ready

Efficient Combustion

Better Lubricity & Blendable

Sources into:

- Vegetable Oils
- Animal Fats
- Waste or Microbial Oils

Application Scenarios:

- Remote and Off-Grid Areas
- Construction Sites
- Emergency and Backup Power



Power Generation



Methanol Genset

Category	Specifications
Rated Power	400 kVA / 280 kW
Voltage/Frequency	600V / 346V, 60Hz
Power Factor	0.7 (Lagging)
Fuel Type	Methanol
Lubricant Type	Specialized lubricant for methanol engines
Engine Model	GS14M440HF-45
Alternator Model	LYG354C
Noise Level	75 dB(A) @1m, 75% load
Environmental Conditions	- Operating Temperature: +5°C to +45°C - Altitude: ≤1000m - Dustproof, anti-corrosion, ultra-silent design
Control System	Deif AGC150 (Automatic Genset Controller with CAN bus communication and multi-protection)

- Lower Emission
- Safe Storage & Transportation
- Cost-Effective



Power Generation

Mobile Light Towers

Height: 7.2m / 8.5m / 9m

Lamp: LED / Metal Halide

Manual / Hydraulic



Diesel | Manual



Diesel | Hydraulic



Diesel | Hydraulic



Top G-OEM in China



Engine



As the top G-OEM in China, MPMC has been the biggest G-OEM **in quantities** of Perkins and Stamford, top 4 G-OEM of FPT and Cummins engines **in quantities**, in the past 1 - 4 years.

Alternator



Full Process Manufacturing



Sheet Metal Process Management

- Advanced laser cutter is used to ensure the smoothness of any metal cutting surface.
- Each MPMC welder has a **welding operation license** and can only operate **after 30 days of training**.
- Each chassis of MPMC undergoes **pressure test** and **NDT magnetic particle flaw detection**.
- Full coverage of coating can be guaranteed.

NO

Burrs
Sharp cutting edge
Micro metal joints



Full Process Manufacturing

Sandblasting Process Management

Spray & Coating



- Every rust, scale, welding scars, etc. are shot blasted to increase the surface adhesion before metal spraying.
- Besides the polishing process in the welding process, MPMC has separately established a grinding process for all metal parts.



- 500-700 hours of **salt spray test twice a year** for sprayed products, to ensure that the products can meet outdoor usage for at least **3 years** without rust.

- Powder Coating



Full Process Manufacturing

CNAS Testing Systems

Total of **5 different power section of the test rooms**, including one constant temperature test room (40/50°C), general load testing scheme is as follows:

Load	0%	25%	50%	75%	100%	110%
Time	5min	5min	5min	5min	15min	5min

- High temperature environment test system
 - 1) Constant temperature and humidity
 - 2) Simulates the ambient temperature of 40/50°C
- Noise measuring system
- Electrical safety test system



Our products used by...



	 中铁特货物流股份有限公司 CHINA RAILWAY SPECIAL CARGO LOGISTICS CO., LTD.	

Event Cases

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Rental Application 10MW



Brazil

Config. KTA50-G12 + S6L1D-H4



Power Plant 18MW

Indonesia

Config. KTA50-GS8 + LSA 50.2 L8

Fuel: Biofuel B35



More Power More Confidence

Page 18

Power Plant 3.9MW



Kenya

Config. KT38-GA + S5L1D-F4



Rental Application 25MW



China

Config. QSK38-G5+ PI734C



Reefer



Hybrid solution



Mobile Solar Plant

Model		SPK-10	SPK-18A	SPK-20	SPK-100	SPK-160
PV Module	Max.Power	480 Wp	700 Wp	595 Wp	595 Wp	480 Wp
Rail	Sheet Metal	Galvanized				
	Folded Dimensions	2250×1150×1250 mm	5824×2250×2120 mm	2900×2260×2200 mm	20HQ	40HQ
Inverter	String Inverter	Optional				
General	Max. Output Power	10.08 kWp	18.2 kWp	20.23 kWp	104.7 kWp	169 kWp
	Deployed Dimensions	2150×24150×1250 mm	5824×18000×2120 mm	46000×2400×2200 mm	104000×6000×2900 mm	93000×12192×2900 mm

- **Modular Design**
- **Flexible, Green, Plug & Power Anywhere**



Hybrid Power Stations



Solar + Genset + BESS



Slide Out PV



Highly Mobile



Smart Control



Expandable

Model	GSB - 10	GSB - 20	GSB - 30	GSB - 60
Rated Voltage	208~240Vac / 380~415Vac	380~415Vac	380~415Vac	380~415Vac
LFP Battery Capacity (kWh)	Min. 10, Max. 40	Min. 20, Max. 40	Min. 40, Max. 60 Min. 100, Max. 100	Min. 100, Max. 100 Min. 200, Max. 200
Cooling System	Fan	Fan	Fan / HVAC	HVAC
Max. Rated Power (kW)	16	16	24	48
Panel Power (W)	460	460	460	460
Total Power (W)	2300	2300	2300	2300



Kubota



Hybrid Lighting Tower

Diesel + Battery

Model	MLT4KL-1400DHBL	MLT4KL-1000DHBL	MLT4KL-600DHBL
Lamps	4 x 350W LED	4 x 250W LED	4 x 150W LED
Mast Height	9m		
Genset Output (PRP)	6kW	6kW	3kW
Battery capacity	16.07kWh LFP		
Brightness power by Battery(25%)	45 hours	64 hours	106 hours
Brightness power by Battery(100%)	12hours	16 hours	27 hours
Battery Charging Time	3 hours (option)		
Engine Model	Kubota Z482-3B		
Battery Spec.	314Ah 51.2V 16.07kWh		

Up to **75%**

Saving Fuel

0 dBA

At Night



Hybrid Lighting Tower

Solar + Battery

Model	HSL - 1440B	HSL - 1920B	HSL - 2880B	HSL - 3840B	HSL - 1500B
Lamps	4 x 150W LED	4 x 150W LED	4 x 200W LED	4 x 200W LED	4 x 100W LED
Battery Capacity	16.07kWh LFP	16.07kWh LFP	16.07kWh LFP	32.14kWh LFP	8kWh LFP
Runtime at 25% Brightness	106 hours	106 hours	80 hours	160 hours	80 hours
Runtime at 100% Brightness	26 hours	26 hours	20 hours	40 hours	20 hours
Number of Solar Panels	3	4	4	8	3
Solar Panel Power	3x80W	4x80W	6x80W	8x80W	3x52W

4G+CCTV
Unattended System



Battery Energy Storage System



Items	HBD		
	E Series	A Series	R Series
Types	Stationary	Stationary	Mobile (Trailer-mounted option)
Applications	Self-consumption Backup Power Peak-valley arbitrage Demand Charge Management	Commercial & Industrial On-grid Renewable Energy Micro-grid	Genset Mate Rental
Advantages	Economical choice Multifunctional with PV, STS, DG connection	Highly cost effective	Designed for rental market
Models	HBD-10 HBD-20 HBD-30 HBD-40 HBD-50	HBD-100-240 HBD-125-260 HBD-500-1000 HBD-1000-2000	HBD-30-60 HBD-50-100 HBD-100-200 HBD-250-400 HBD-100-100 HBD-200-200 HBD-300-300 HBD-400-400 HBD-500-500 HBD-500-250
PV Input	DC coupled / AC coupled	AC coupled	AC coupled
DG Input	√	×	√
Sync with DG	×	×	√
Stackable	×	×	2 Layers Stackup



A Series

Commercial & Industrial On-grid Renewable Energy Micro-grid



Model	HBD-100-240	HBD-125-260	HBD-500-1000	HBD-1000-2000
Rated Power(AC Output)	100kW	125kW	500kW	1000kW
Rated Voltage/Phase	400Vac/3P			
BESS Engery@25°C	241.2kWh	261.25kWh	1012.8kWh	2025.6kWh
Pack Qty.	5pcs	5pcs	21pcs	42pcs
Cycle Life@90%DOD	6000times			
PCS Qty.	1pcs	5pcs	3pcs	6pcs
Control System	EMS			
Cooling System	Liquid Cooling			
Dimensions (L x W x H)	1050*1300*2385mm	1050*1300*2385mm	3950*2250*2250mm	20'HC



Highly cost effective

- LiFePO₄ Battery
- Intelligent PCS with EMS
- C-4 Level Anti-Corrosion
- High ROI
- Scalable Power & Capacity



Cases

Kenya

Micro Grid Power Plants



E Series

Self-consumption/Backup Power

Model	HBD-10	HBD-20	HBD-30	HBD-40	HBD-50
Rated Power(AC Output)	10kW	20kW	30kW	40kW	50kW
Min. Battery Storage Capacity	30.72kWh	40.96kWh	64.31kWh	80.38kWh	112.54kWh
Max. Battery Storage Capacity	40.96kWh	40.96kWh	112.54kWh	112.54kWh	112.54kWh
Pack Qty.	6pcs	8pcs	4~7pcs	5~7pcs	7pcs
Cycle Life@90%DOD	4000times		6000times		
Max. Diesel Generator Input	29A	58A	200A	200A	200A
Max. Grid Input	29A	58A	43.5A	58A	72.5A
Max. PV Power	20 kWp	30kWp	60kWp	75kWp	75kWp
PV DC Input Voltage Range	200 ~1000 V	200 ~1000 V	180 ~1000 V	180 ~1000 V	180 ~1000 V



Economical choice

- LiFePO₄ Battery
- HVAC
- Hybrid Inverter
- Switchgear
- Forklift Pockets & Removable Lifting Lugs on Top



Cases



More Power More Confidence

R Series

Genset Mate

Model	HBD-30-60	HBD-50-100	HBD-100-200	HBD-250-400	HBD-100-100	HBD-200-200	HBD-300-300	HBD-400-400	HBD-500-500	HBD-500-250
Rated Power (Continuous)	30KW	50kW	100kW	250kW	100kW	200kW	175kW	400kW	500kW	500kW
Rated Voltage/Phase	400Vac/3P									
BESS Engery @25°C	61.44kWh	100.3kWh	200.7kWh	401.4kWh	107.5kWh	169kWh	307.2kWh	337.9kWh	506.9kWh	245.8kWh
Pack Qty.	12pcs	7pcs	14pcs	28pcs	7pcs	11pcs	20pcs	22pcs	33pcs	20pcs
Cycle Life@90%DOD	6000times									
Battery Voltage Range	150 ~ 750 VDC	150 ~ 750 VDC	150~750 VDC	580~1000 VDC	150~750 VDC	580~1000 VDC	580~1000 VDC	580~1000 VDC	580~1000 VDC	580~1000 VDC
Control System	EMS									
Cooling System	HVAC									
Fire Fighting System	Aerosol (CE)									
PV System	AC 400V input									

Design for Rental Market

- Rapid Charging/Discharging
- Smart Management & Remote Monitoring
- Extended Genset Life & Fuel Savings
- Flexible Scalability



Cases

Chile

Rental



Netherland

Rental



Mobile BESS Charger

BCH Series

Model		BCH-80-70	BCH-275-200	BCH-500-1000
EV Charger	Rated Output Power	80kW	150kW	360kW
	Connector Type	CCS2 260 A Charging Gun	CCS2 250 A Charging Gun	CCS2 400 A Charging Gun
	Connector Qty.	1	2	2
	Cooling System	Liquid	Air	Air
	Charger Output Voltage	DC 200 ~ 1000 V	DC 200 ~ 1000 V	DC 200 ~ 1000 V
	Connector Cable Length	7m	5m	7m
AC Input	Rated Power	N/A	125kW	500kW
	Peak Power		150kW	550kW
	Voltage		380V~415V	380V~415V
AC Output	Rated Power	N/A	125kW	500kW
	Voltage		380V~415V	380V~415V
DC Input	Rated Power	70kW	150kW	N/A
	Peak Power	70kW	150kW	
	Voltage	DC 200 ~ 1000 V	DC 200 ~ 1000 V	
DC Output	Rated Power	Charging Gun	Charging Gun	Charging Gun
	Voltage			
General	Battery Storage Capacity @25° C	70kWh	200kWh	1000kWh
	Loading Dimension (L*W*H)	1460*780*1200 mm	2250*1450*1800mm	20'HC

Charging anytime, anywhere

- Easy for Transportation & Rapidly Located
- Extremely high ROI
- Friendly interface



Cases



Life Cycle Services

Product Life Cycle Services



7 Management Systems for Quality Commitment



-  R & D Center
-  Supply Chain Management
-  Production Management
-  Stock Management
-  Packaging Management
-  Quality Control System
-  After-sales Service System



Product Life Cycle Services



A Team of Professionals

- MPMC after-sales service team consists of 7 experienced, skilled and practical engineers.

Good Sense of Service

- Maintenance Plan
- Failure Analysis & Diagnoses
- Online training for Operation
- Offline training at engine training facility or any MPMC factory

If You Need Us On-site (Optional)

- On-site Commissioning
- On-site Operation and Maintenance Instruction



**To Be A Global Leader in
Distributed Hybrid Solutions and
Off-Grid Systems**



MORE POWER MORE CONFIDENCE THANK YOU

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