



Expert For RENTAL

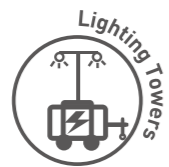
GENERATOR SETS & LIGHTING TOWERS & BATTERY

World-Class Hybrid Energy and Storage Solution Innovator

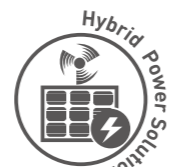
MPMC GROUP OF COMPANIES



www.mpmc-china.com



www.mpmclighttower.com



www.mpmchybrid.com



www.mpmclibattery.com

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MPMC POWERTECH CORP.

World-class hybrid energy and battery storage solution innovator



120 Countries

Products are exported to 120 countries



45 Types

Three categories of 45 types of products



12000 Sets

Annual production capacity



50 Specialists

50 solution experts focused on different applications



121 Patents

3 invention patents, 105 utility model patents, 8 software copyrights and 5 appearance patents.

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

MPMC POWERTECH CORP. (Stock Code 832266) is an international high-tech enterprise established in the Year 2008. As a world-class mobile hybrid energy and battery storage solution innovator, MPMC designs, manufactures and markets a wide range of state-of-the-art generator sets, mobile lighting towers, distributed All-In-One hybrid micro-power stations, LiFePO₄ battery energy storage solutions and other smart cloud energy management solutions to worldwide.

By optimization and integration of electrochemistry power, diesel, solar and wind hybrid energy, MPMC has complete product range applied in various scenarios of applications including rental, telecom, construction, infrastructure, manufacturing, mining, defense, data center, residential/commercial/industrial power etc.

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, MPMC is Top 2 National Diesel Generators exporter in quantities with products sold to more than 120 countries & regions. More than 60 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.



MPMC owns a digital factory and the most advanced manufacturing facilities



34000 m²
Factory covers



5S system
5S management system



40 °C
Constant temperature



MES Information & Digitization Management
Digital Factory



MPCS Online selection & quotation tools
Super quote

Excellent manufacturing capability is not only the assurance of product quality, but also the assurance of customer confidence.

- Factory covers an area of nearly 34000m²
- Most advanced manufacturing equipments
- Excellent product inspection system
- 5S LEAN philosophy running through the whole manufacturing process
- CRM, ERP, PLM, MES, OA and management system



1. Stock availability can be checked and managed through QR codes.
2. The whole production process is visualize and traceable.
3. All the data is easy to access on PC or Wechat applet.
4. Equipment Management is also integrated.





MPMC has the most advanced modern manufacturing equipments in power generation industry in worldwide.



Assembling lines ▲

Automatic powder coating lines ▼



CNC laser cutting machine ▼



Precision cutting by CNC ▼



CNC bending machine ▼



Perfect testing rooms ▼



Engine storage area (upto 600 stocks) ▼



MPMC boasts of perfect quality control system



CE certificate



TLC certificate



SASO certificate



ARCADIS certificate



ISO9001 Quality system certified



ISO14001 Quality system certified



ISO45001 Quality system certified

High quality products created under strict quality control system

Strict standard on product testing and process inspection is formulated to ensure product quality. From the moment when materials arrive in the workshop to the time for delivery, all the essential processes are under inspection and control by professional inspectors. Products with defects are not allowed to move to the next procedure unless the problems are well settled. Through complete quality control system, all-round control is performed over the aspects from design to production, from personnel to equipment, from process and material to the working site, so as to satisfy the requirements of customers.

In order to make sure that product performance and quality meet the demanding requirements of our customers, advanced testing center is established in MPMC for new product design and delivery inspection. The inspection contents are in line with ISO8528 standard and performance requirements in special industry and regions.

The testing center can meet the requirements for testing generator of no more than 2500kw per unit. Besides conventional ones, systems to test generators in high temperature are also equipped, together with other systems to test noise level and electrical safety. In all the tests, loading, and de-loading, as well as alarming can be automatically controlled after the data is set up, with a test report automatically generated at the end.



ISO8528

Test content in line with ISO8528 international standard requirements



2500KW

Testing standards can be achieved 2500kw per unit



High and low temperature environmental testing system

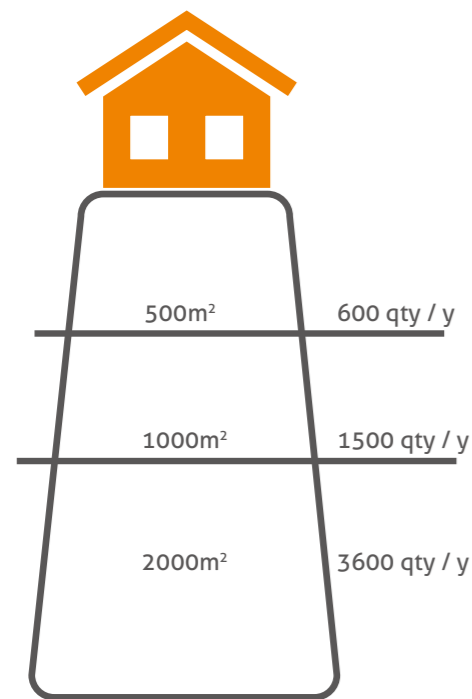


Noise measurement system



Safe electrical test system

MPMC World® Franchise System



- Least initial fee, most beneficial to the supply chain;
- Help you set up a local factory to realize the production capacity of MPMC standard products and personalized custom products;
- Train your staff regularly ,improve product quality and production technology level;
- Use MPMC's brand influence to help you achieve your business goals;
- Using the most favorable MPMC supply chain system to achieve win-win cooperation and achieve progressive profitability.

Flexible Plant in sizes.

Capable of producing and processing

With MPMC strong support,
you have nothing to worry about



Full Process Manufacturer with High Quality Products.



Always Market Oriented Competitive Prices.



Large Stocks for Fastest Deliveries.



More Innovative Products by More Professional R&D.



Customized Projects & Solutions.



Right Software ensure Best Hardware.



Local After Training for Always Competition Leader.



Complete Accessed Supply Chain from Day One.



Digital Production & Management Support

Mature Model & Featured Technology

- Issue a power of attorney
- Unified branding corporate propaganda
- Free training
- Most Favorable Supply Chain
- Competitive price
- Exhibition funding support
- Free promotional gifts
- Official website announces franchisee information

Join MPMC World®

Factory Incubation

Technology Support

Brand Input

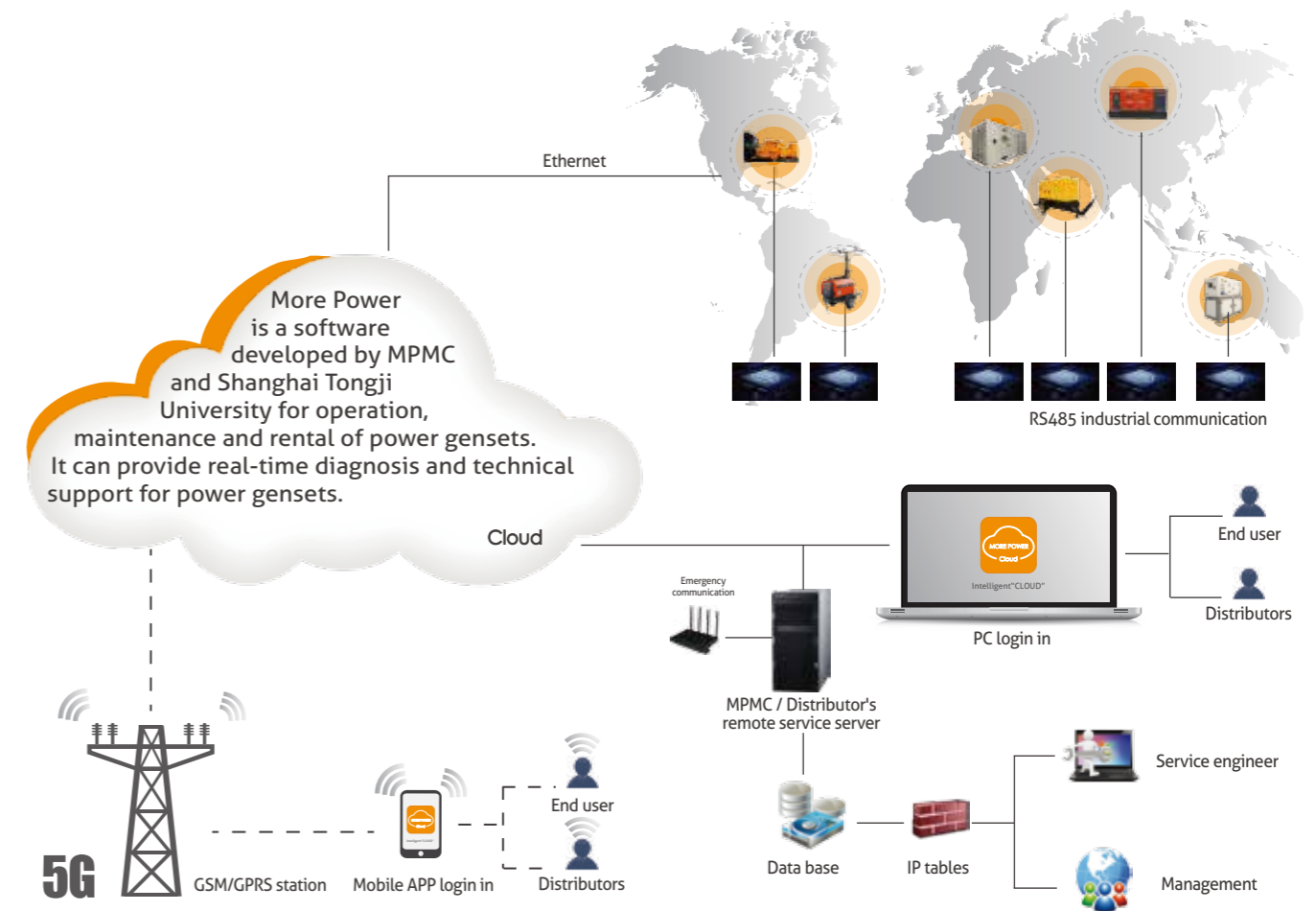
Expert For RENTAL

MPMC can provide financial support to customers in order to solve their financial problem, for example, unable to obtain the timely loan from bank due to restrictions on the conditions or long approval time. So that, customers can easily get the right to use the power equipment .

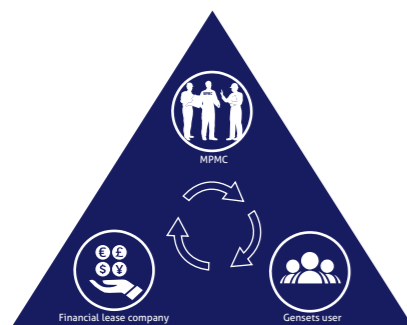


MPMC products are widely used in telecom, data center, banking, rental, military, railway, construction, harbor, exhibition etc...

Internet Intelligent "More Power" Remote Service System



Support all the international branded controllers
RS485 industrial communication
GSM/GPRS network communication
GPS satellite system



Financial Leasing, Driving The Future !



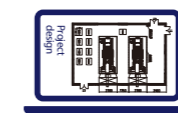
Gensets rental company

MPMC and customers share the risk and control responsibilities, to obtain a reasonable profit and achieve win-win cooperation.



Site survey

If customer need, MPMC pre-sale engineer will survey on site, discuss their using requirements, understand customer's special needs and installation conditions.



Project design

According to customer's needs, choose the most suitable equipment, consider the using conditions to design the control system, installation scheme and maintenance plan.



Financial lease

According to customer's financial situation, MPMC combine with third-party financial companies, to provide customers with a financial solution for sale/rent . To solve the problem of customer's funding shortage



Global service

"More Power" cloud system which connects the global dealer and end customer can provide timely diagnosis and technical

CASE GALLERY



Cases-Diesel Generators



Australia, Perkins, Rental



Madagascar, Cummins, Standby



Philippine, SDEC, Standby



China, Cummins, Prime



Kenya, Perkins, Construction



New Zealand, Kubota, Military



Congo, Cummins, KFC



Tanzania, Perkins, Factory



Chile, Cummins, Rental



Australia, Cummins, Rental



Chile, Cummins, Hydropower



Jakarta, Cummins, Uptown



Colombia, Doosan, Factory



Burundi, Perkins, Telecom



Shanghai, Perkins, Emergency



Puerto Rico, Cummins, Construction



Vietnam, Doosan, Standby



Honduras, Cummins, Standby



Shanghai, Perkins, Bank



Mongolia, Cummins, Market



Mexico, Cummins, Factory



Chile, Cummins, House



Mexico, Cummins, Construction



Pakistan, Perkins, Railway

Cases-Light Towers



Australia, Rental



Australia, Mining



California, Infrastructure



Chile, Emergency



New Zealand, Rental



China, Garden



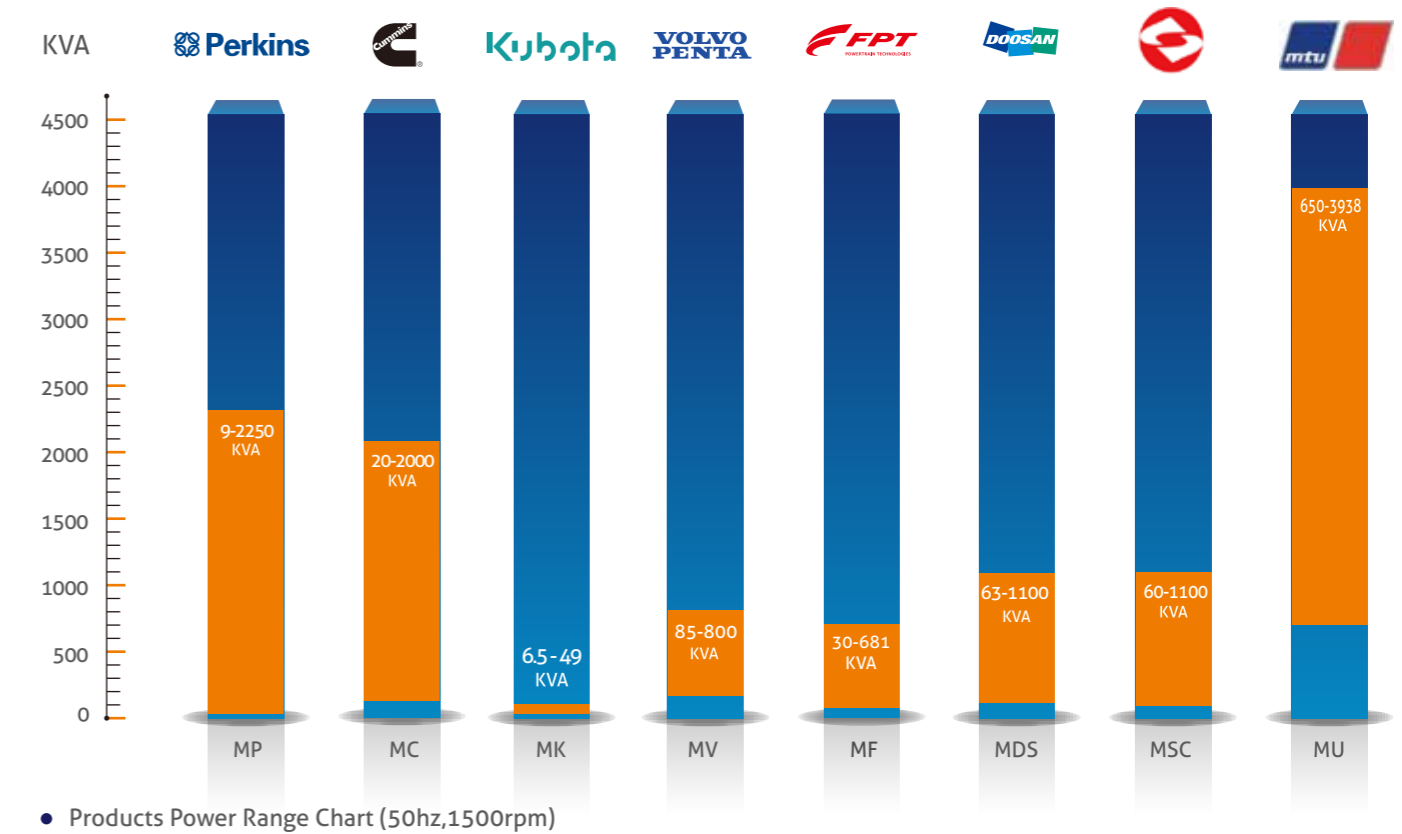
Jakarta, Exhibition



Chile, Military

Partners

One of the reasons why MPMC made such achievement is the close cooperation with the world-leading partners. MPMC won the title of the NO.1 G-OEM (Generator set original equipment manufacturer) in quantities of Perkins engines in China, TOP 3 G-OEM of Kubota engines and Top 5 G-OEM of Cummins engines in quantities in China in the past 2 years.



Alternators



Control Module



Breaker



Power and productivity for a better world™

The Generator can be manufactured in different versions:

GENERATOR SETS

Open type / Silent type / Container type / Mobile type
Mobile lighting type



Open type (OE / OS)
OE Power range: ≤650kVA
OS Power range: 6-3000kVA



Silent type (SR)
Power range: 6-750kVA



Silent type (SR2)
Power range: 6-1000kVA



Manual type (LF)
Mast Height: 9m



Manual type (LD)
Mast Height: 7.5m



Hydraulic type (LHSA)
Mast Height: 9m / 10m / 12m



Container (SC)
Power range: >650kVA



Silent type (SRAU)
Power range: 6-750kVA



Mobile type (TG)
On-road trailer / Off-road trailer



Hydraulic type (LHS)
Mast Height: 9m



Hydraulic type (LS)
Mast Height: 7.5m / 9m



Electric type (HSL)
Mast Height: 7.5m / 9m



Mobile type (SEA)
Power range: 6-28kW



Pump unit
(Open type / half type / silent type)



Small general purpose type
(SD / SG)

LIGHTING TOWERS

Manual type / Hydraulic type

MPMC OPEN TYPE (OE / OS)



Generating sets



Standard Open type gensets



Diesel



50 Hz



60 Hz

Power Range: 9~3000kVA | 380-480V, 6.3-13.8KV



Data Centre



Power Station



Building



Bank



Electric Power



Industry



Construction Field



Rental



Powerplant



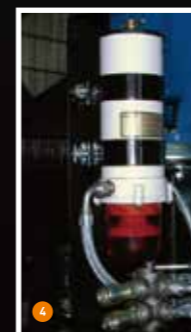
Advantages

MPMC generator sets is directed at industries and it is was designed to function as the main power source lor as an emergency sourcel where there is no other source of energy.

- 1 Fast start-up and full-load within 12 seconds.
- 2 Redundancy design.
- 3 Compact size with larger power.
- 4 Remote after-sales service function supported by GSM.
- 5 Approach for unattended operation function.
- 6 Complete control and protect function
- 7 Safety design with international standard.

Details:

- 1 Strong supported chassis for small vibration and stable running
- 2 Battery power switch (anti-feed, security protection)
- 3 Humanized operating interface and fully functionalized control system.
- 4 Fuel-water separator (option).
- 5 Tropical radiator (option).
- 6 Low-temperature start system (option) and high power starting battery
High quality air filter.





► Images shown are from the SR MPS100S-1 model



Features:

The optional generator set (SR) complies with CE safety standards, with special sheet metal surface technology, 3-5 years outdoor powder coating warranty and optional galvanized steel. 6-24 hours 100% load power, single layer fuel tank (optional double layer fuel tank), supporting tank capacity expansion design, suitable for rental, factory, outdoor, indoor and other applications.

Steady and strong design

- Strong supported chassis design of small vibration and stable running.
- Anti-collision design can meet the safety need.
- Strong lift design can reach the requirement of heavy load.

Safe and reliable running guarantee

- Proper inlet and outlet air system design ensure the reliability of genset running in silent condition.

Environment friendly

- Removable full bunded fuel tank(option)prevent any leakage and easy for maintenance.silent type design meets the noise requirement.

Humanized operation and maintenance design

- Large inspecting and repairing space meets customer need.
- Top lifting point and fork lift holes are easy for transportation.
- Convenient external fuel filler device and optional transform interface is easy for customer to add fuel.
- Humanized operating interface and fully functionalized control system meets the needs of different kinds of customers.

Refined processing and surface treatment craft ensure the appearance of high quality and esthetics.

Engine: PERKINS / CUMMINS / VOLVO / KUBOTA / MTU / DOOSAN
All kinds of Chinese brand engines and others.

Standard genset details:

- Independent control panel, powerful and reliable system protection function.
- Emergency stop button
- Top center lifting ring
- Waterproof rubber strip
- Scientific and proper air inlet and outlet system
- High-efficiency, Fire safety and foam soundproof
- Built-in large horizontal silencer
- High-intensity shock absorber
- 6-24 hours 100% load power, single layer fuel tank , support tank capacity expansion design.
- Power cable outlet design
- Built-in sprinkler
- Battery power switch (Anti-reverse charge, security protection)
- High-temperature ceramic insulation sets
- Mobile & hot protection fan & front radiator protection
- Bottom traction tube for drag and drop and anti-skid,Bottom forklift holes for easy remove
- Vent cap
- External refueling port
- Domestic fuel inlet/outlet pipe and fuel gauge
- Standard hinges and door locks
- Access door with rock wool

Optional

- Special air inlet and outlet system
- Connector
- Super silent design
- 24h fuel tank,support tank capacity expansion design.
- The configuration of special climate, Desert, Island climate, Extremely cold, High altitude etc.
- Remote service cloud ("More Power" APP)
- Double layer fuel tank
- Galvanized canopy available
- Minimum operating noise level of 60dBA@7m



▲ Images shown are from the SR2 MCS100S-1 model
SR2 Series Power Range: 6kW-1000kW



▲ Images shown are from the SE MCS100S-1 model
SE Series Power Range: 12kW-2200kW

Features:

Standard generator set (SR2), right angle configuration, external installation bolts, compact design, compact structure and excellent craftsmanship which is corrosion resistance, 3 years outdoor powder coating warranty, 6-8 hours 75% load power fuel tank, suitable for outdoor, indoor and other applications.

Some details:

- Quick fixing electrical power connections
- 30-50mm non-inflammable sponge inside
- Control panel viewing window in a lockable access door, standard hinge and door lock.
- Emergency stop button mounted on canopy exterior
- Fuel fill and maintenance free battery can only be reached via lockable access doors
- Self-made vent
- Built-in refueling
- Self-made fuel inlet/outlet
- Exhaust silencing system enclosed for operator safety



Features:

- Special sheet metal surface technology
- Corrosion resistance with 2 years outdoor powder coating warranty
- Redundant design to increase system reliability
- Compact structure
- Top lift rings and forklifts to ensure easy transportation
- The external hanger can withstand 1.2 times of weight loss without deformation
- 100% load power 8-hour single-layer fuel tank
- Terminals to have quick access to power
- Adopts branded control systems Simple operation and Stable performance to make your life easier.
- Applied to outdoor, indoor and various occasions

Engine: PERKINS / CUMMINS / KUBOTA / SDEC
Not include Original Cummins Engine.

MPMG SILENT TYPE (SRAU)



Generating Sets



Standard Soundproof Genset



Diesel



50 Hz



Features:

The high configuration silent genset (SRAU) meets Australian safety standards. Special sheet metal surface technology, 3-5 years of outdoor powder coating warranty, optional galvanized sheet, 12/24 hours double layer fuel tank which is 110% leakage capacity and it is suitable for the harsh environment such as rental and mining.

Some details:

- Three-way valve, Vent cap.
- Stainless steel hinges and door locks
- Silent canopy interior uses rock wool and micro-perforated aluminum panels
- High-strength drag hole structure, High-strength hanging beam structure, Large size forklift beam structure
- High-strength chassis, Chassis collision avoidance structure.
- External refueling port, Built-in fuel gauge
- Full exhaust system thermal protection
- High-performance heat sink, It can meet the running requirements when the ambient temperature is 40°C.
- Secondary muffler, Reduce the noise level when the unit is running
- Mechanical safety protection, Electrical compliance with Australian standard design

Engine: PERKINS / CUMMINS / VOLVO / KUBOTA / FPT



MPMG SILENT TYPE (SC)



Power Station

Powerplant

Mining

Rental

Construction

Drilling

Island



Features:

- High strength structure
- Low-noise.
- Suitable for different working conditions with good adaptability.
- Approach for unattended operation with advanced digital system.
- Easy maintenance.
- Customized design.

Optional

Minimum operating noise level of 70dBA@7m

Some details:

- 1 Stainless steel locks
- 2 Easy outlet
- 3 Steel net cover
- 4 Big fuel tank
- 5 Explosion proof lamps

Engine: PERKINS / CUMMINS / MTU / VOLVO / DOOSAN



MPMC MOBILE TYPE (TG) 13-550KVA | 380-480V



Features

- all the silent type generators from MPMC can be designed as trailer type.
- Suitable for outdoor works
- Towing device is set aside on the wheel chassis to keep balance
- Equipped with warning lamps, side lamps, fog lamps, according to transport safety standards.
- Single axle or double-axle, mechanical or auto brake for option, meeting various requirements.
- Convenient fuel filling system, the fuel fill cap is lockable.
- Cable rack for option

Germany brand



Notes:

- The tonnage is the weights summation of generator, waer tank with water, fuel tank with fuel, and trailer, The maximum tonnage can reach 6800 kg, Models 3500kg above are air braked. Models between 750kg(not including) and 3500kg are mechanically braked. Models below 750kg (including 750kg) have no brake system.
- The capability of fuel tanks vary when use various engines. The minimum capability meets at least 8 hours use.

Trailer Structure introduction



Fitting eye end options



Ball Type



O Ring Type



30kVA below model

30-130kVA model

130-250kVA model

250-500kVA model

- The main difference between the on-road trailer and off road trailer.
- The off road trailer has no inertia brake system, the on-road trailer has service brake and parking brake.
- The on-road reailer speed $\leq 60\text{km/h}$ and the off road trailer speed $\leq 25\text{km/h}$.

Application



Features:

Intelligent wireless control module with remote monitoring and positioning; Standby emergency power supply in case of vehicle failure, which automatically send an alarm notification and can be directed to the nearest maintenance station.

- Compliance with international electrical safety standards.
- Automatic variable speed generator, operational savings and high reliability.
- Guarantees stable voltage and frequency regardless of the engine speed, with higher load capabilities.
- User friendly structural design with ease of operation and maintenance.
- Base frame design incorporates an integrated fuel tank for at least 12 hours run time.
- The HenKel pretreatment process of the canopy with sandblasting and AkzoNobel powder coating with a 3 years Warranty.
- Anti-vibration pads are mounted between the engine/alternator feet and the base frame.
- Optional electric tricycle with fully enclosed cab for on-board mobile.
- Emergency power vehicle has enough power to reach a driving speed up to 45km/h with an 80km range on a single charge.
- 1000h Maintenance-free Perkins Engine.



Engine: PERKINS

Model	Prime Power	Voltage Phase	Engine type	100% load fuel consumption	Running time	Walking speed	Turning radius	Maximum range	Transportation dimension	Weight	Fuel Tank Capacity	Height of center of gravity
	KW			L/Hr.	Hr.							
MTGP20S-1-SEA	14.2	400V/3P	403D-11G	6.3	9.5	40	1640	80	3280×1380×1840	1180	60	900
MTGP25S-1-SEA	20.0	400V/3P	404D-22G	8.8	6.8	40	1640	80	3280×1380×1840	1280	60	900
MTGP31S-1-SEA	25.0	400V/3P	404D-22G	11.1	5.4	40	1640	80	3280×1380×1840	1380	60	955
MTGP38S-1-SEA	28.0	400V/3P	404D-22G	12.4	4.8	40	1640	80	3280×1380×1840	1380	60	955



Technical data

Genset Model		Rated Power	Standby Power	Speed (rpm)	Frequency (Hz)	Voltage (V)	Engine Model
Home Series	MP12000S	10kW	12kW	3000	50	110/220	2V80F
	MP21000REG	15kW	16.8kW	3000	50	110/220	465QR
	MP27500REG	20kW	22kW	3000	50	110/220	B12
	MP10GPH	9kW	10kW	3600	60	120/240	DHT720T
	MP12GPH	11kW	12kW	3600	60	120/240	DHT720T
	MP20GPH	18kW	20kW	3600	60	120/240	DHT1000T
Commercial Series	MP21000REG	18.75kVA/15kW	21kVA/16.8kW	3000	50	400/230	465QR
	MP27500REG	25kVA/20kW	27.5kVA/22kW	3000	50	400/230	CG12
	MP40000RED	37.5kVA/30kW	40kVA/32kW	3000	50	400/230	DV210
	MP20GMP	22.5kVA/18kW	25kVA/20kW	3600	60	120/240	465QR
	MP25GMP	28.75kVA/23kW	31.25kVA/25kW	3600	60	120/240	465QR
	MP30GMP	35kVA/28kW	37.5kVA/30kW	3600	60	120/240	465QR

MPMC gas generator is flexible on gas fuel type such as compressed natural gas(CNG),liquefied natural gas(LNG) and liquefied petroleum gas, widely used in family,industry,5G base station, etc.

Features:

- Strong instantaneous load capacity;
- Quick response;
- Reliable gas supply;
- Compact structure design;
- Comprehensive safety protection;
- Strong adaptability;
- Cost-effective;
- Low-emission;
- Environment-friendly;



Model: Home series / Commercial series



SMALL GENERAL PURPOSE TYPE (SD)



Features:

- 100% copper alternator, class F insulation, high conversion rate
- Smart AVR controller ensures stable voltage and less voltage waveform distortion.
- Easy carrying
- An open frame configuration means it's easy to move and use.
- Various output sockets are available to meet all customers' requirements

Options (With extra charge)

- With air-preheating device, it can be easily started at low temperature.
- Remoter control anytime anywhere freely, more control distance and control as your kindly heart.
- ATS Control to make the city power and generator change more easy, automatic transfer from city power and gen-set power.
- It can be used Smart digital panel to make the generator more easy and safe using.
- Intelligent digital control panel: with overload, over voltage, over current and low oil pressure protection function.
- protection function.urrent and low oil pressure protection function.

SD Series 2.2~11kVA | 110 / 220 / 230 / 240V, 380 / 400 / 440V

Genset Model	50HZ		60HZ		Engine Model	Dimention (LxWxH)	Loading Quantity	
	Rated power KVA	Standby power KVA	Rated power KVA	Standby power KVA			20'GP	40'HQ
SD3800X	2.2	2.4	2.5	2.7	PW173FB	650x470x540	144	300
SD3800XE	2.2	2.4	2.5	2.7	PW173FB	650x470x540	144	300
SD4800X	3.0	3.2	3.5	3.8	PW178F	670x470x560	144	300
SD4800XE	3.0	3.2	3.5	3.8	PW178F	670x470x560	144	300
SD6800X	4.6	5.0	5.0	5.5	PW186FA	710x495x620	99	276
SD6800X3	5.8	6.3	6.3	6.9	PW186FA	710x495x620	99	276
SD6800XE	4.6	5.0	5.0	5.5	PW186FA	710x495x620	99	276
SD6800XE3	5.8	6.3	6.3	6.9	PW186FA	710x495x620	99	276
SD7800XE	5.1	5.6	5.6	6.1	PW188FE	710x495x620	99	276
SD7800XE3	6.4	7.0	7.0	7.6	PW188FE	710x495x620	99	276
SD8800XE	6.0	6.5	6.5	7.0	PW188FE	710x495x620	99	276
SD8800XE3	7.5	8.1	8.1	8.8	PW188FE	710x495x620	99	276
SD6800T	4.6	5.0	5.0	5.5	PW186FAE	945x565x790	72	144
SD6800T3	5.8	6.3	6.3	6.9	PW186FAE	945x565x790	72	144
SD7800T	5.1	5.6	5.6	6.1	PW188FE	945x565x790	72	144
SD7800T3	6.4	7.0	7.0	7.6	PW188FE	945x565x790	72	144
SD8800T	6.0	6.5	6.5	7.0	PW192FE	945x565x790	72	144
SD8800T3	7.5	8.1	8.1	8.8	PW192FE	945x565x790	72	144
SD9800T	6.7	7.2	7.4	8.0	PW195FE	945x565x790	72	144
SD9800T3	8.3	8.8	8.9	9.5	PW195FE	945x565x790	72	144
SD8800T-D	6.0	6.5	6.5	7.0	PW192FE	945x565x790	72	144
SD8800T3-D	7.5	8.1	8.1	8.8	PW192FE	945x565x790	72	144
SD9800T-D	6.7	7.2	7.4	8.0	PW195FE	945x565x790	72	144
SD9800T3-D	8.3	8.8	8.9	9.5	PW195FE	945x565x790	72	144
SD12000XE	9.0	10.0	10.0	10.5	2V80	1120x720x900	30	60
SD16000XE	11.0	12.5	12.0	13.1	292F	990x720x920	36	72
SD12000Q	9.0	10.0	10.0	10.5	2V80	1260x710x910	26	52
SD16000Q	11.0	12.0	12.0	13.1	292F	1320x710x910	24	48

Note: "X" =Open frame, "E" = Electric start, "T" = Classic silent canopy, "Q" = Silent canopy.
"3" = Three phase, "without 3" = Single phase, "-D" = Control panel is digital controller.



▲ Open frame



▲ Open frame with industrial wheels



▲ Classic silent canopy



▲ Silent canopy



▲ Water pump



▲ Welding generator



SMALL GENERAL PURPOSE TYPE (SD)



Features:

- 100% copper alternator, class F insulation, high conversion rate
- Smart AVR controller ensures stable voltage and less voltage waveform distortion.
- Easy carrying
- An open frame configuration means it's easy to move and use.
- Various output sockets are available to meet all customers' requirements

Options (With extra charge)

- With air-preheating device, it can be easily started at low temperature.
- Remoter control anytime anywhere freely, more control distance and control as your kindly heart.
- ATS Control to make the city power and generator change more easy, automatic transfer from city power and gen-set power.
- It can be used Smart digital panel to make the generator more easy and safe using.
- Intelligent digital control panel: with overload, over voltage, over current and low oil pressure protection function.
- protection function.urrent and low oil pressure protection function.

SD Series 2.2~11kVA | 110 / 220 / 230 / 240V, 380 / 400 / 440V

Genset Model	50HZ		60HZ		Engine Model	Dimention (LxWxH)	Loading Quantity	
	Rated power KVA	Standby power KVA	Rated power KVA	Standby power KVA			20'GP	40'HQ
SD3800X	2.2	2.4	2.5	2.7	PW173FB	650x470x540	144	300
SD3800XE	2.2	2.4	2.5	2.7	PW173FB	650x470x540	144	300
SD4800X	3.0	3.2	3.5	3.8	PW178F	670x470x560	144	300
SD4800XE	3.0	3.2	3.5	3.8	PW178F	670x470x560	144	300
SD6800X	4.6	5.0	5.0	5.5	PW186FA	710x495x620	99	276
SD6800X3	5.8	6.3	6.3	6.9	PW186FA	710x495x620	99	276
SD6800XE	4.6	5.0	5.0	5.5	PW186FA	710x495x620	99	276
SD6800XE3	5.8	6.3	6.3	6.9	PW186FA	710x495x620	99	276
SD7800XE	5.1	5.6	5.6	6.1	PW188FE	710x495x620	99	276
SD7800XE3	6.4	7.0	7.0	7.6	PW188FE	710x495x620	99	276
SD8800XE	6.0	6.5	6.5	7.0	PW188FE	710x495x620	99	276
SD8800XE3	7.5	8.1	8.1	8.8	PW188FE	710x495x620	99	276
SD6800T	4.6	5.0	5.0	5.5	PW186FAE	945x565x790	72	144
SD6800T3	5.8	6.3	6.3	6.9	PW186FAE	945x565x790	72	144
SD7800T	5.1	5.6	5.6	6.1	PW188FE	945x565x790	72	144
SD7800T3	6.4	7.0	7.0	7.6	PW188FE	945x565x790	72	144
SD8800T	6.0	6.5	6.5	7.0	PW192FE	945x565x790	72	144
SD8800T3	7.5	8.1	8.1	8.8	PW192FE	945x565x790	72	144
SD9800T	6.7	7.2	7.4	8.0	PW195FE	945x565x790	72	144
SD9800T3	8.3	8.8	8.9	9.5	PW195FE	945x565x790	72	144
SD8800T-D	6.0	6.5	6.5	7.0	PW192FE	945x565x790	72	144
SD8800T3-D	7.5	8.1	8.1	8.8	PW192FE	945x565x790	72	144
SD9800T-D	6.7	7.2	7.4	8.0	PW195FE	945x565x790	72	144
SD9800T3-D	8.3	8.8	8.9	9.5	PW195FE	945x565x790	72	144
SD12000XE	9.0	10.0	10.0	10.5	2V80	1120x720x900	30	60
SD16000XE	11.0	12.5	12.0	13.1	292F	990x720x920	36	72
SD12000Q	9.0	10.0	10.0	10.5	2V80	1260x710x910	26	52
SD16000Q	11.0	12.0	12.0	13.1	292F	1320x710x910	24	48

Note: "X" =Open frame, "E" = Electric start, "T" = Classic silent canopy, "Q" = Silent canopy.
"3" = Three phase, "without 3" = Single phase, "-D" = Control panel is digital controller.



▲ Open frame



▲ Open frame with industrial wheels



▲ Classic silent canopy



▲ Silent canopy



▲ Water pump



▲ Welding generator



As an experience solution provider, MPMC not only manufactures diesel generators, but also provides kinds of accessories to deal with different situation such as extra running hours, low-noise, low environment temperature, quick response, remote control, parallel operation, etc.



Muffler for Generator

Reduce the noise level by 15-30dBA



Water Jacket Heater

Temperature range: 35°C-50°C

MPMC always focus on the after sale service to help our customers' generators operating for a longer time. Spare parts are necessary to ensure the stable operation, maintenance, upgrades and overhaul.

- Air filter
- Oil filter
- Fuel filter
- Belts
- Start moter
- Fuel injector
- Turbine



Fuel Tank

6000L Fuel Tank



Double-layer Fuel Tank

4500 L double-layer fuel tank



Control Cabinet

Control and monitoring



Parallel Cabinet

Perfect solution for parallel



ATS AUTOMATIC SWITCHING CABINET

40A~6300A

When mains supply is shut off or voltage is lower than settings, ATS will start the genset within 0-10s, and switch power from mains supply to genset, the genset will power the load.



Unattended operation

The main power and emergency power can achieve mutual switching

Rated Current (A)	MPMC		SOCOMEK		ABB		Free Standing Type LxWxH (mm)
	ATS Switch Model	Wall Mounting Type LxWxH (mm)	ATS Switch Model	Wall Mounting Type LxWxH (mm)	ATS Switch Model	Wall Mounting Type LxWxH (mm)	
40A	ATS-40/4P	400x250x500	ATYS dS-40A/4P	400x250x500	OTM40F4CM230V	400x250x500	500x400x1200
63A	ATS-63/4P	400x250x500	ATYS dS-63A/4P	400x250x500	OTM63F4CM230V	400x250x500	500x400x1200
80A	ATS-80/4P	400x250x500	ATYS dS-80A/4P	400x250x500	OTM80F4CM230V	400x250x500	500x400x1200
100A	ATS-100/4P	400x250x500	ATYS dS-100A/4P	400x250x500	OTM100F4CM230V	400x250x500	500x400x1200
125A	ATS-125/4P	400x250x500	ATYS dS-125A/4P	400x250x500	OTM125F4CM230V	400x250x500	500x400x1200
160A	ATS-160/4P	400x250x500	ATYS d-160A/4P	500x350x600	OTM160E4CM230C	500x350x600	500x400x1200
250A	ATS-250/4P	500x350x600	ATYS d-250A/4P	500x350x600	OTM250E4CM230C	500x350x600	500x400x1200
400A	ATS-400/4P	500x350x600	ATYS d-400A/4P	500x350x600	OTM400E4CM230C	500x350x600	600x500x1500
630A	ATS-630/4P	500x350x600	ATYS d-630A/4P		OTM630E4CM230C		600x500x1500
800A	ATS-800/4P		ATYS d-800A/4P		OTM800E4CM230C		800x600x1800
1000A	ATS-1000/4P		ATYS d-1000A/4P		OTM1000E4CM230C		800x600x1800
1250A	ATS-1250/4P		ATYS d-1250A/4P		OTM1250E4CM230C		800x600x1800
1600A	ATS-1600/4P		ATYS d-1600A/4P		OTM1600E4CM230C		800x600x1800
2000A	ATS-2000/4P		ATYS d-2000A/4P		OTM2000E4CM230C		800x800x2200
2500A	ATS-2500/4P		ATYS d-2500A/4P		OTM2500E4CM230C		800x800x2200
3200A	ATS-3200/4P		ATYS d-3200A/4P				800x800x2200
4000A			ATYS d H-4000A/4P		NA		1200x1000x2200
5000A			ATYS d H-5000A/4P				1200x1000x2200
6300A			ATYS d H-6300A/4P				1200x1000x2200

PARALLEL SYSTEM

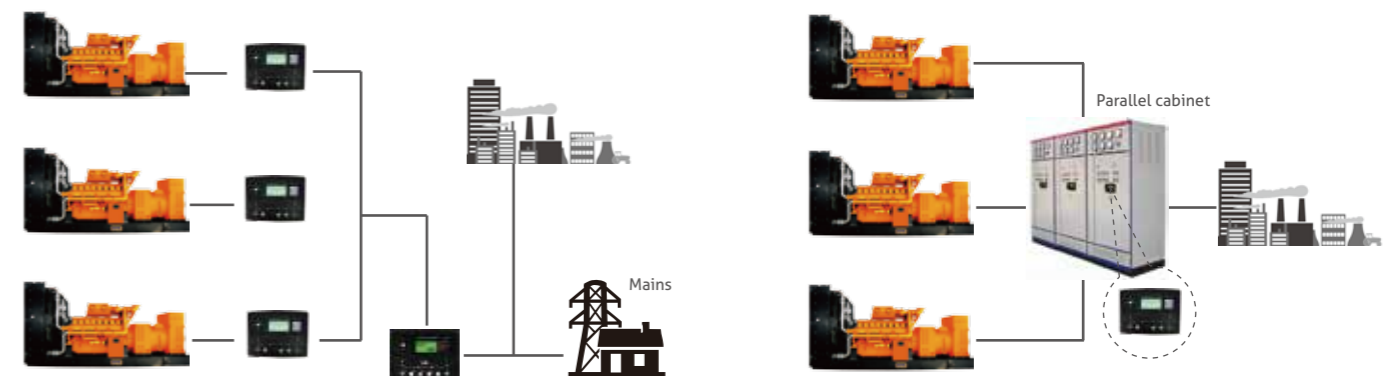
Genuine import parallel control module Meeting the needs of complex and diverse load distribution



- Controllability
- High efficiency
- Reliability

Common parallel system mode

- Committed to establish a stable and reliable parallel system of diesel generator set.
- The parallel system of diesel generator is equipped with automatical parallel control module and electric / air circuit breaker.
- Classification by function: multi-set synchronisation, parallell with mains supply, island mode.



• Multi - genset and Mains

• Parallel Model

MPMC MANUAL TYPE

Diesel Standard type Lighting towers

50 Hz AC 230 1500 rpm

60 Hz AC 240 1800 rpm

LIGHTING TOWER

LF-4000

THE LIGHTING TOWER IS EQUIPPED WITH 4×1000W METAL HALIDE LAMPS / 4×350W LED LAMPS

The standardized design make power supply reliable and timely. Enduring the terrible environment with durability. Safe setup and operation with good user friendliness.



Technical data

Model	MLT 4 KSC-4000LF	MLT 4 KD-4000LF	MLT 4 KME-1400LF	MLT4KSC-1400DLF			
Type of lights	Metal Halide Floodlight 4×1000w		AC LED 4×350W				
Light coverage (m ²) (≥5 lux)	3834		3725				
Lamps Rotation	Allow manual rotation of 90°						
Pack Dimension (L×W×H)	3196×1150×2126mm						
Outside Dimension (L×W×H)	2860×2130×9000mm						
Weight (net)	750 kg						
Tank Capacity	100L						
Running Hr. (Fuel tank poerating)	51 h	55 h	134h	139h			
Engine Brand	Kubota						
Engine Model	Z482-ET03	Z482-EF02 (Tier4)	D1105	Z482-B	Z482-D2-EF07e (Tier4)	Z482-B	Z482-D2-EF07e (Tier4)
Speed (rpm)	3000	3600	1500 1800	1500 1800	1800	1800	1800
Frequency(Hz)	50	60	50 60	50 60	60	/	/
Rated Power(kW)	4.7	5.5	6.0 6.0	2.8 3.5	3.3	3.5	3.3
Alternator Model	EK2MCT		DP06	LT3N-75/4		FB 4-48/100	

Noise Level

▶ **63dB(A)** at 7m away



MANUAL WINCH MAST.

MAST UP TO 9 M

Features:

Standardized design and customized refit provides most timely solution.

- Telescopic, mechanical, 4 stages mast up to 9 meters can be rotated 355°.
- State-of-art high pressure aluminum lamps.
- External hanger on the top and forklift holes at the bottom.
- Simple operation and easy maintenance.
- Manual winch for extending and retracting mast.
- Separate lockable, weather protected, powder-coated steel doors.
- Residual current device(RCD) protection.
- Individual breaker switch for each Light assembly.
- Auxiliary big fuel tank.
- Sturdy trailer with parking brake.

Details:

- 1 Access door buckle
- 2 Big door for easy maintenance
- 3 Lockable filling point

The off road trailer speed

≤ **25KM/H.**

Engine: KUBOTA

The lighting tower with KUBOTA Engine high quality configuration.

MPMC MANUAL TYPE

LIGHTING TOWER

LD-4000

THE LIGHTING TOWER IS EQUIPPED WITH 4*1000W METAL HALIDE LAMPS

The standardized design make power supply reliable and timely. Enduring the terrible environment with durability. Safe setup and operation with good user friendliness.

Noise Level

72dB(A) at 7m away



METAL HALIDE
LIGHTING TOWER

Technical data

Model	MLT4 KSC-4000LD	
Type of lights	Metal Halide Floodlight 4x1000w	
Light coverage (m ²) (≥ 5 lux)	3330	
Lamps Rotation	Allow manual rotation of 90°	
Pack Dimension (LxWxH)	2990x1100x2450mm	
Outside Dimension (LxWxH)	2990x2310x7500 mm	
Weight (net)	682kg	
Tank Capacity	100L	
Running Hr. (Fuel tank poerating)	51h	
Engine Brand	Kubota	
Engine Model	Z482-ET03	Z482-EF02 (Tier4)
Speed (rpm)	3000	3600
Frequency(Hz)	50	60
Rated Power(kW)	6.0	7.0
Alternator Model	EK2MCT	

Engine: KUBOTA

The lighting tower with KUBOTA Engine high quality configuration.

HANDWINCH, VERTICAL TELESCOPIC MAST

MAST UP TO 7.5M

Features:

Standardized design and customized refit provides most timely solution.

- Compact design for versatility.
- Telescopic, mechanical, 5 stages mast up to 7.5m.
- External hanger on the top and forklift holes.
- Manual winch for extending and retracting mast.
- Separate lockable, weather protected, powder-coated steel doors.
- Residual current device(RCD)protection.
- Individual breaker switch for each light assembly.
- Large capacity fuel tank.
- Provides 355 degree light coverage.
- Convenience outlets for electronics and small tools.
- Without driving brake and parking brake.



Details:

- 1 Quick output plug.
- 2 Big door for easy maintenance.
- 3 Individual breaker switch for each light assembly.

THE OFF ROAD TRAILER SPEED

- Without driving brake & parking brake
- The steel torsion suspension sysem Feature

≤ 25KM/H.



Diesel
Standard type
Lighting towers



AC 230
3000 rpm
1500 rpm



AC 240
3600 rpm
1800 rpm



Mining



Rail way



Construction



Highway



Construction Field



Rental

LD-1400

THE LIGHTING TOWER IS EQUIPPED WITH 4*350W LED (AC) LAMPS.

With extended runing time and service intervals, innovative engine technologies and programmable controls, More robust compared to traditional metal halide lighting.

Noise Level

63dB(A) at 7m away



LED
LIGHTING TOWER

Technical data

Model	MLT4 KME-1400LD		
Type of lights	AC LED 4x350W		
Light coverage (m ²) (≥ 5 lux)	3725		
Lamps Rotation	Allow manual rotation of 90°		
Pack Dimension (LxWxH)	2990x1100x2450mm		
Outside Dimension (LxWxH)	2990x2310x7500 mm		
Weight (net)	700kg		
Tank Capacity	100L		
Running Hr. (Fuel tank poerating)	134h		
Engine Brand	Kubota		
Engine Model	Z482-B	Z482-Z482-D2-EF07e (Tier4)	
Speed (rpm)	1500	1800	1800
Frequency(Hz)	50	60	60
Rated Power(kW)	2.8	3.5	3.3
Alternator Model	LT3N-75/4		

Engine: KUBOTA

The glass lens of the metal halide floodlights have been replaced on the LED heads by robust polycarbonate lens.

MPMG HYDRAULIC TYPE

 Diesel
Standard type
Lighting towers

50 Hz AC 230
3000 rpm
1500 rpm

60 Hz AC 240
3600 rpm
1800 rpm



Mining



Rail way



Construction



Highway



Construction Field



Rental

LIGHTING TOWER

LHS-4000

THE LIGHTING TOWER IS EQUIPPED WITH **4*1000W METAL HALIDE** LAMPS

The standardized design make power supply reliable and timely. Enduring the terrible environment with durability. Safe setup and operation with good user friendliness.

Noise Level

63dB(A) at 7m away



METAL HALIDE
LIGHTING TOWER

Technical data

Model	MLT 4 KD-4000LHS	MLT 4 KSC-4000LHS	
Type of lights	Metal Halide Floodlight 4x1000w		
Light coverage (m ²) (≥5 lux)	3834		
Lamps Rotation	Allow electric rotation of 90°		
Pack Dimension (LxWxH)	2130x1350x2536mm		
Outside Dimension (LxWxH)	2836x2070x9000mm		
Weight (net)	1160kg	1130kg	
Tank Capacity (L)	100L		
Running Hr. (Fuel tank poerating)	55h	51h	
Engine Brand	Kubota		
Engine Model	D1105	Z482-ET03	Z482-EF02 (Tier4)
Speed (rpm)	1500	1800	3000
Frequency(Hz)	50	60	60
Rated Power(kW)	6.0	6.0	7.0
Alternator Model	DP06	EK2MCT	

Engine: KUBOTA

The lighting tower with KUBOTA Engine high quality configuration.

HYDRAULIC MAST HIGH STRENGTH

Features:

Metal halide lamps as standard and LED lamps as options.

- Powerful hydraulic lifting system.
- Safety protection system to raise up and bring down the mast.
- Sound alarm and warning lights for possible wrong operation .
- Push-type emergency stop button.
- The rear flip hood providing convenient service access
- Supporting safe lifting from top of the canopy.
- User-friendly operation interface.
- Optional earth leakage protection system.
- Reliable grounding system.
- All-welded base frame proofing fuel leakage.
- Large capacity fuel tank.
- Mast 355°rotation and lights 75°vertical adjustment.
- Various lights installation available.
- Individual breaker switch for each light assembly.



Details:

- 1 Convenient clamshell design overhaul
- 2 Strong support leg configuration
- 3 Built-in big fuel tank
- 4 Sewage draining exit

MAST
UP TO
9 M

The on road trailer speed

≤ **80KM/H.**

LHS-1400

THE LIGHTING TOWER IS EQUIPPED WITH **4*350W LED (AC)** LAMPS.

With extended run times and service intervals, innovative engine technologies and programmable controls, More robust compared to traditional metal halide lighting.

Noise Level

63dB(A) at 7m away

LED AC
LIGHTING TOWER



Technical data

Model	MLT 4 KME-1400LHS		
Type of lights	LED 4x350W		
Light coverage (m ²) (≥5 lux)	3725		
Lamps Rotation	Allow electric rotation of 90°		
Pack Dimension (LxWxH)	2836x1350x2536mm		
Outside Dimension (LxWxH)	2836x2070x9000mm		
Weight (net)	1130kg		
Tank Capacity	100L		
Running Hr. (Fuel tank poerating)	134h		
Engine Brand	Kubota		
Engine Model	Z482-B	Z482-B	Z482-D2-EF07e (Tier4)
Speed (rpm)	1500	1800	1800
Frequency(Hz)	50	60	60
Rated Power(kW)	2.8	3.5	3.3
Alternator Model	LT3N-75/4		

Engine: KUBOTA

The glass lens of the metal halide floodlights have been replaced on the LED heads by robust polycarbonate lens.

MPMC HYDRAULIC TYPE

Diesel Standard type Lighting towers

50 Hz AC 230 1500 rpm

60 Hz AC 240 1800 rpm

DC 48V

LIGHTING TOWER

LS-1400

THE LIGHTING TOWER IS EQUIPPED WITH 4*350W LED LAMPS.

Durable LED modules are long-lasting and consume minimal power, for low total operating costs.

Noise Level
63dB(A) at 7m away



LED
LIGHTING TOWER

HYDRAULIC MAST HIGH STRENGTH

MAST UP TO 8.5M



Features:

The LS portable lighting tower for easy mobile. AC LED as standard and DC LED as options.

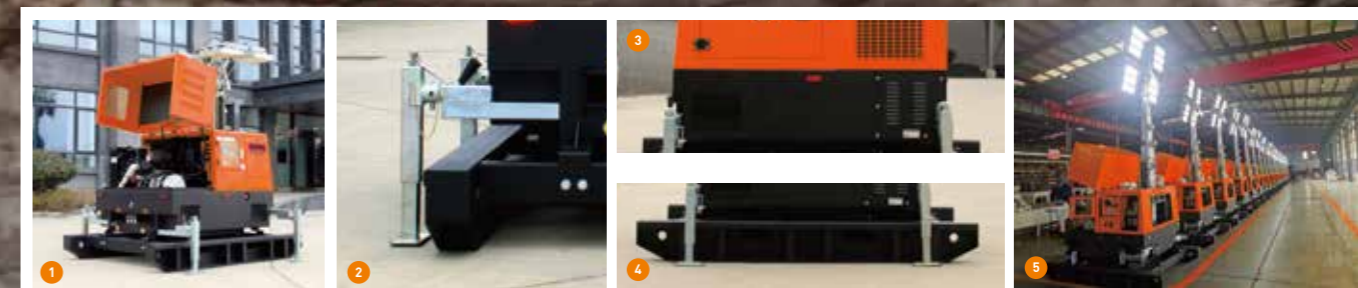
- Powerful hydraulic lifting system.
- Safety protection system to raise up and bring down the mast.
- Sound alarm and warning lights for possible wrong operation.
- Push-type emergency stop button.
- The rear flip hood providing convenient service access.
- Supporting safe lifting from top of the canopy.
- User-friendly operation interface.
- Optional earth leakage protection system.
- Reliable grounding system.
- Robust sled type chassis made of stainless steel.
- All-welded base frame proofing fuel leakage.
- Large capacity fuel tank.
- Mast 355°rotation and lights 75°vertical adjustment.
- Various lights installation available.

Technical data

Model	MLT4KD-4000LS	MLT4KSC-4000LS	MLT 4 KME-1400LS	MLT4KSC-1400DLS
Type of lights	Metal Halide Floodlight 4x1000w		LED 4x350W	
Light coverage (m ²) (≥ 5 lux.)	3834		3725	
Lamps Rotation	Allow electric rotation of 90 °		Allow electric rotation of 90 °	
Pack Dimension (LxWxH)	2278x1510x2421mm		2278x1510x2421mm	
Outside Dimension (LxWxH)	2278x2353x8500mm		2278x2353x8500mm	
Weight (net)	1160kg	1130kg	1130kg	
Tank Capacity (L)	100L		100L	
Running Hr. (Fuel tank poerating)	55h	51h	134h	139h
Engine Brand	Kubota		Kubota	
Engine Model	D1105	Z482-E3B	Z482-E4B (Tier4)	Z482-E4B (Tier4)
Speed (rpm)	1500	1800	3000	3600
Frequency(Hz)	50	60	50	60
Rated Power(kW)	6.0	6.0	6.0	7.0
Alternator Model	DP06	EK2MCT	LT3N-75/4	FB 4-48/100

Details:

- 1 Convenient clamshell design overhaul
- 2 Strong support leg configuration
- 3 Built-in auxiliary big fuel tank
- 4 Robust chassis with forklift hole.
- 5 Heavy duty hydraulic lifting system robust.



Engine: KUBOTA

The lighting tower with KUBOTA Engine high quality configuration.

LIGHTING TOWER

DLHS-1400

THE LIGHTING TOWER IS EQUIPPED WITH 4*350W LED (DC) LAMPS.

Durable LED modules are long-lasting and consume minimal power, for low total operating costs.

Noise Level
63dB(A) at 7m away



LED^{DC}
LIGHTING TOWER

HYDRAULIC MAST HIGH STRENGTH

MAST UP TO 9 M



SAFE & EFFICIENT

Features of standard type:

- Low voltage cords are safer for handling.
- Extremely Low Fuel Consumption.
- Efficient LED modules consume minimal power.
- Instant-on LED lights allow for faster startups.

Options (With extra charge)

- Standard design and personalized modification ensure delivery to the project at the earliest time.
- Remote Monitoring and Control can be up fitted, Telemetry options enable remote monitoring and recovery assistance.
- The standard Power Zone Autolight Controller allows for automated operation, including timed start / stop and dusk-to-dawn settings.
- Level Sensor Switch that will lower mast if machine is not set up correctly.
- Customizable audible alarm.
- Tank (leak) will touch off the panel alarm or indicator light, but the machine does not stop.
- Fit 2 Pole pad lockable battery isolator.
- Mast will be lowered by switch when hand brake is released.
- Meet specific requirements in different regions.

Technical data

Model	MLT4KME-1400DLHS		MLT4KSC-1400DLHS	
Type of lights	LED 4x350W			
Light coverage (m²) (>5 lux)	3725			
Lamps Rotation	Allow electric rotation of 90°			
Pack Dimension (LxWxH)	2836x1350x2536mm			
Outside Dimension (LxWxH)	2836x2070x9000mm			
Weight (net)	1130kg			
Tank Capacity	100L			
Running Hr. (Fuel tank poerating)	139h			
Engine Brand	Kubota			
Engine Model	Z482-B	Z482-D2-EF07e (Tier4)	Z482-B	Z482-D2-EF07e (Tier4)
Speed (rpm)	1800			
Frequency(Hz)	/			
Rated Power(kW)	3.5	3.3	3.5	3.3
Alternator Model	AL3A-15/4		FB 4-48/100	

The on road trailer speed

≤ 80KM/H.



Engine: KUBOTA

The lighting tower with KUBOTA Engine high quality configuration.

HYDRAULIC TYPE

 Diesel Standard type Lighting towers

50 Hz AC 230 1500 rpm

LIGHTING TOWER

LHSA

THE LIGHTING TOWER IS EQUIPPED WITH **4*1000W METAL HALIDE LAMPS / 4*350W LED LAMPS**

This wide-body light tower is built for rugged terrain, four operated independently hydraulic legs can support stably and reliably even on rough ground. This make it to be able to withstand a force of 8 wind.

▼ Noise Level
63dB(A) at 7m away



METAL HALIDE
LIGHTING TOWER

LED
LIGHTING TOWER

Technical data

Model	MLT4KD-4000LHSA	MLT4KSC-4000LHSA	MLT 4 KME-1400LHSA	MLT4KME-1400DLHSA	MLT4KSC-1400DLHSA
Type of lights	Metal Halide Floodlight 4x1000w			LED 4x350W	
Light coverage (m ²) (≥ 5 lux)	3834			3725	
Lamps Rotation	Allow electric rotation of 90 °			Allow electric rotation of 90 °	
Pack Dimension (LxWxH)	2700x1651x2567mm			2700x1651x2567mm	
Outside Dimension (LxWxH)	3900x2651x9000mm			3900x2651x9000mm	
Weight (net)	1416kg	1380kg	1380kg		
Tank Capacity (L)	100L			100L	
Running Hr. (Fuel tank operating)	55h	51h	134h	139h	
Engine Brand	Kubota		Kubota		Kubota
Engine Model	D1105	Z482-ET03	Z482-B	Z482-B	Z482-B
Speed (rpm)	1500	1800	3000	3600	1500
Frequency(Hz)	50	60	50	60	60
Rated Power(kW)	6.0	6.0	6.0	7.0	2.8
Alternator Model	DP06	EK2MCT	LT3N-75/4	AL3A-1S/4	FB 4-48/100

HYDRAULIC LEG HIGH STRENGTH

MAST UP TO 9/10 M



Features:
Powerful & Easy to use, Set up in one minute.

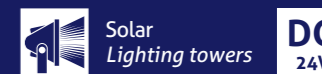
- Powerful hydraulic lifting system to left and lower the mast.
- Mast 355° rotation and lights 75° vertical adjustment.
- Four operated independently hydraulic legs.
- Sound alarms and warning lights for wrong operation .
- Push-type emergency stop button.
- Supporting safe lifting from top of the canopy.
- User-friendly operation interface.
- Main breaker with leakage protection.
- Reliable grounding system.
- All-welded base frame proofing fuel leakage.
- Large capacity fuel tank.
- Individual breaker switch for each light assembly.
- Robust trailer meeting the standards of different markets.

The on road trailer speed
≤ 80KM/H.

Engine: KUBOTA

The glass lens of the metal halide floodlights have been replaced on the LED heads by robust polycarbonate lens.

HYBRID POWER



LIGHTING TOWER

HSL HYBRID

THE FULL AUTOMATIC SOLAR LIGHTING TOWERS IS EQUIPPED WITH 4×80W ~250W LED LAMPS.

ECO Friendly & Low Emission



Technical data

MODEL	HSL-1000A	HSL-1500A	HSL-2500A
Rated Power(LED Lamp)	80W×4pcs	100W×4pcs	150W×4pcs
System Voltage	24VDC	24VDC	24VDC
PV Panel	335W×3pcs	500W×3pcs	500W×5pcs
Vertical Rotation Angle(PV Panel)	Fixed 22°	Fixed 22°	Fixed 22°
Battery Type	AGM	AGM	AGM
Battery Module	6-GFM-150	6-GFM-200	6-GFM-250
Battery Quantity	2pcs	4pcs	4pcs
Mast Driver	Manual	Manual	Manual
Maximum Lifting Height	7.5m	7.5m	7.5m
Horizontal Rotation Angle	0°~355°	0°~355°	0°~355°
Standby Generator (Option)	1000W / 220Vac 1P	2000W / 220Vac 1P	2000W / 220Vac 1P
AC Output (Option)	2000W	2000W	3000W
Solar Charger	24V35A	24V50A	24V100A
AC Charger (Option)	24V35A	24V50A	24V80A
Solar System Charge Time	6h	7h	7h
Standby Generator Charge Time	6h	7h	9h
Lighting Discharge Time	8h	8h	8h
Trailer Speed	≤25km/h	≤25km/h	≤25km/h
Loading Dimensions(LxWxH)	2384×1150×2458mm	2650×1150×2458m	2860×1150×2458m
Expanding Dimensions(LxWxH)	3400×2950×7500mm	3550×3280×7500m	3750×5410×7500m
Net Weight	740kg	765kg	1180kg
Loading Units of 40'HQ	10pcs	8pcs	8pcs

ELECTRIC MAST HIGH STRENGTH

MAST UP TO 75/9M



Features:

Powerful design, Safe and reliable low-voltage operation system. These towable solar light towers can be used for any application where a diesel, gas or electric generator-powered light tower is needed.

- Can meet no mains and battery shortage environment.
- High performance LED lighting.
- Slided and folded solar panels, compact and green.
- The solar panel is controlled by the electric push rod.
- Convenient mains input and gasoline generator input interfaces.
- Off road trailer speed ≤25km/h.

Options (With extra charge)

- Electric winch, vertical telescopic mast.
- Output plug is optional according to voltage, which can load a variety of electric equipment.
- Standby gasoline / diesel generator charge the battery when shortage.
- Equipped with 4G router and web camera, supporting the function of road monitoring.
- Settable Load Model (a. 24 hours working b. Working hours setting c. 8 hours working at night only)
- On-road trailer speed ≤80km/h.



ECO Friendly & Low Emission, just great light, complete silence and fresh air.

The solar light towers take the advantages of solar renewable energy and LED light systems on the road.

MPMC provides customers in-time, professional, and point to point after sales service with technically qualified team and wide service network.



- ★ Head office in Shanghai
- ★ Manufacturing base in Jiangsu

- ★ USA Branch
- ★ UAE Office
- ★ UK Office
- ★ ZA Office

Strong and wide service network makes customers more satisfied

MPMC has numbers of senior technicians with over 12 years' experience on average, and qualified staff responsible for before and after sales service.



Consultation customer service



Maintenance Free



Super Quality, fully trusted by 14 applications in more than 120 countries all over the world