

GROUP OF COMPANIES



Expert For RENTAL

GENERATOR SETS & LIGHTING TOWERS

Global Leader In Distributed Solar Hybrid Solutions & Off Grid Systems



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



120 Countries

Products are exported to 120 countries



52 Types

Three categories of 52 types of products



12000 Sets

Annual production capacity



50 Specialists

50 solution experts focused on different applications



107 Patents

6 invention patents, 91 utility model patents, 8 software copyrights and 2 appearance patents.

With lower carbon, greener, more reliable and more intelligent customized solutions .

SolarX POWERTECH CORP. (stock code: 832266) was established in Pudong New Area, Shanghai, 2008. As the global leader in distributed solar hybrid solutions & off-grid systems, SolarX focus on independent research & development, full process intelligent manufacturing, and global marketing & service, committed to high quality development and high-end brand positioning. SolarX produces and sells intelligent emergency generator sets, mobile hybrid energy lighting towers, hybrid energy power stations and lithium-ion battery energy storage solutions. Currently, SolarX's products have been exported to more than 120 countries and regions, and it has in-depth cooperation with more than 60 dealers which covers the Americas, Europe, Oceania, Africa, the Middle East, Southeast Asia and the Commonwealth of Independent States. In addition, SolarX has established holding subsidiaries or offices in overseas countries such as US, UAE and South Africa. SolarX has a professional team composed of industry experts and senior engineers, and has established a joint laboratory of distributed hybrid energy cloud technology in cooperation with Tongji University. By using the independently developed intelligent energy management cloud platform "More Power Cloud", the laboratory is committed to conducting technical research on global hybrid energy micro grid cloud management. SolarX aims to become the global leader in hybrid energy power solutions and provide customers around the world with lower carbon, greener, more reliable and more intelligent customized solutions .

SolarX has been developed wind, solar, diesel generator and battery powered hybrid energy products since 2019, and established the holding and wholly-owned subsidiaries, SEMOOKII BESS CO., LTD. and SolarX Energy Jiangsu in 2021. By optimizing the combination of multiple energy and storage systems, SolarX provides customers with distributed hybrid energy solutions, which cover a wide range of application areas, including mining, rental, telecom, oil and gas field, and construction site, etc. The new energy products include residential energy storage and charging, on&off grid industrial & commercial energy storage, solar, battery and diesel genset micro grid, off-grid systems and lithium iron battery packs' OEM/ODM, etc. SolarX currently has more than 280 employees and is accelerating its global industrial layout to continuously improving its digital intelligent manufacturing capability, innovative application of cutting-edge technologies in the industry and customer service experience. In the past five years, SolarX's business areas have continued to expand, started as the diesel generator sets supplier and now has become a group company providing diversified solutions, including wind, solar, diesel genset and hydrogen energy power units, energy storage systems and hybrid energy management, etc. With the expansion of business, SolarX's demand for digital and intelligent production facilities and equipment is also increasing. Currently, SolarX is building SolarX Energy Jiangsu in Yangzhong, Jiangsu Province and plans to start production in the fourth quarter of 2024.



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

- Factory covers an area of nearly 22000+23000+4000m²
 - Most advanced manufacturing equipments
 - Excellent product inspection system
 - 5S LEAN philosophy running through the whole manufacturing process
 - SolarX Digitization: CRM, ERP, PLM, MES, OA and management system
- Stock availability can be checked and managed through QR codes.
- The whole production process is visualize and traceable.
- All the data is easy to access on PC or Wechat applet.
- Equipment Management is also integrated.



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



Assembling lines ▲

Automatic powder coating lines



CNC laser cutting machine



Shot blasting machine



CNC bending machine



Perfect testing rooms



Engine storage area (upto 600 stocks)



SolarX boasts of perfect quality control system

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 SolarX 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 tp test noise level and electrical safety.inall 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.



CE certificate



TLC certificate



ARCADIS certificate

ISO9001
Quality system certifiedISO14001
Quality system certifiedISO45001
Quality system certified

ISO8528

Test content in line with
ISO8528 international standard
requirements

2500KW

Testing standards can be achieved
2500kw per unitHigh and low
temperature
environmental testing
systemNoise measurement
systemSafe electrical test
system

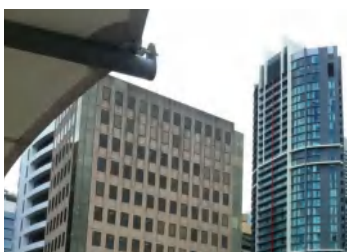
provide financial support to customers in order to solve their financial problem,for example, unable to obtain the timely loan from bank due to restrictions on the conditions or long approval time. So that,customers can easily get the right to use the power equipment .



Power Plant



Outdoor Standby



Commercial Building



Data Center



Communications



Mining And Oil Fields



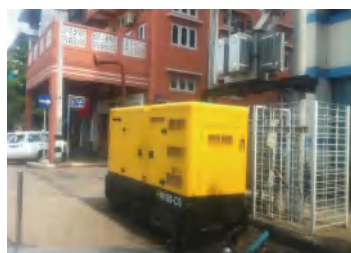
Hospital



Railway System



Military



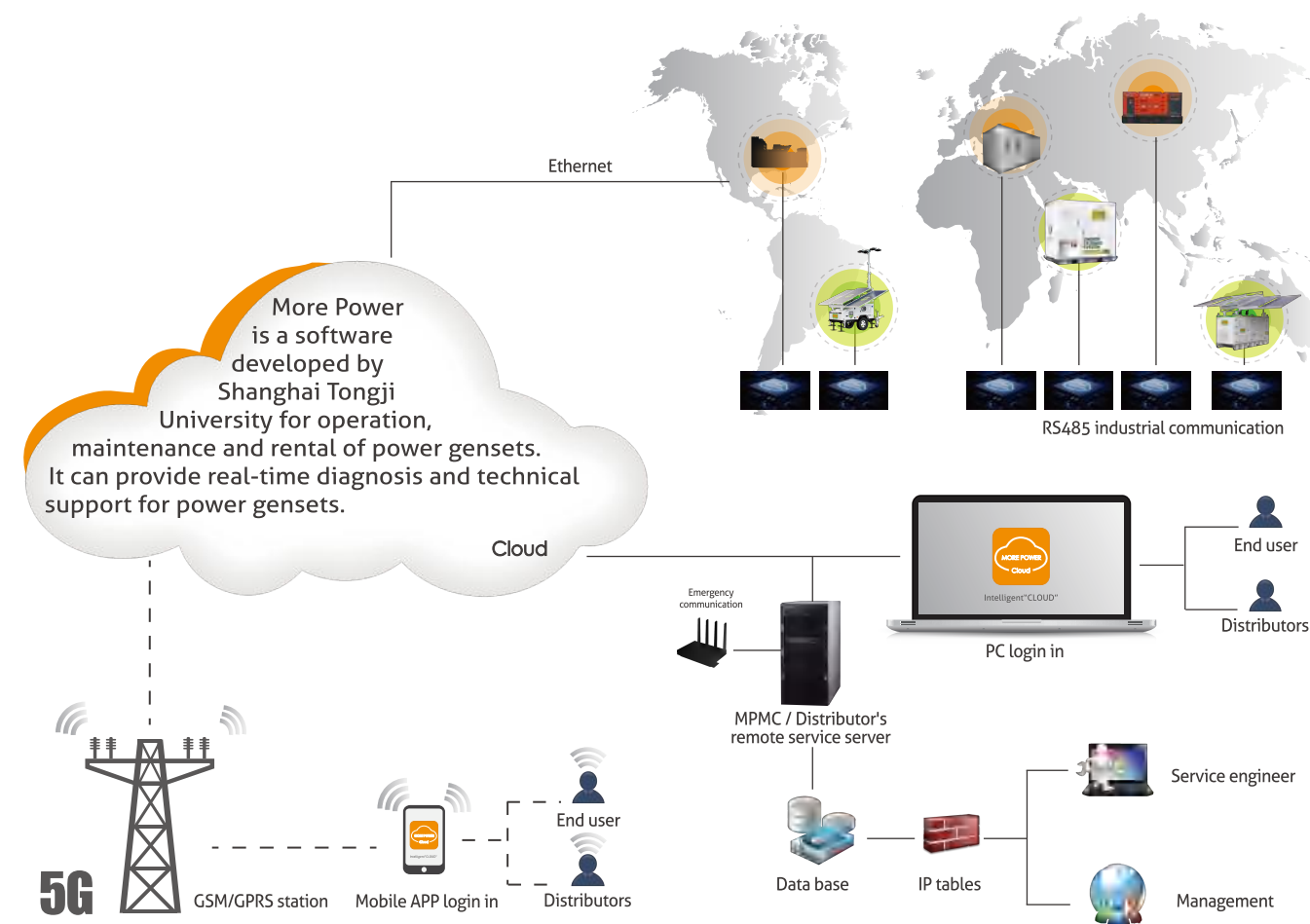
Banking System



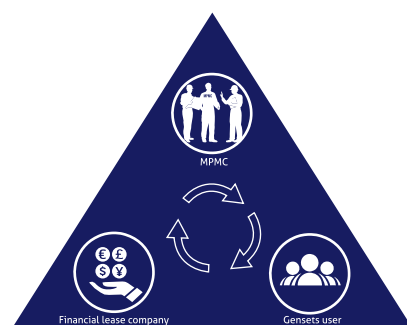
Leasing Industry

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 !



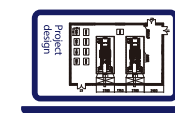
Gensets rental company

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

Cases-Diesel Generators



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



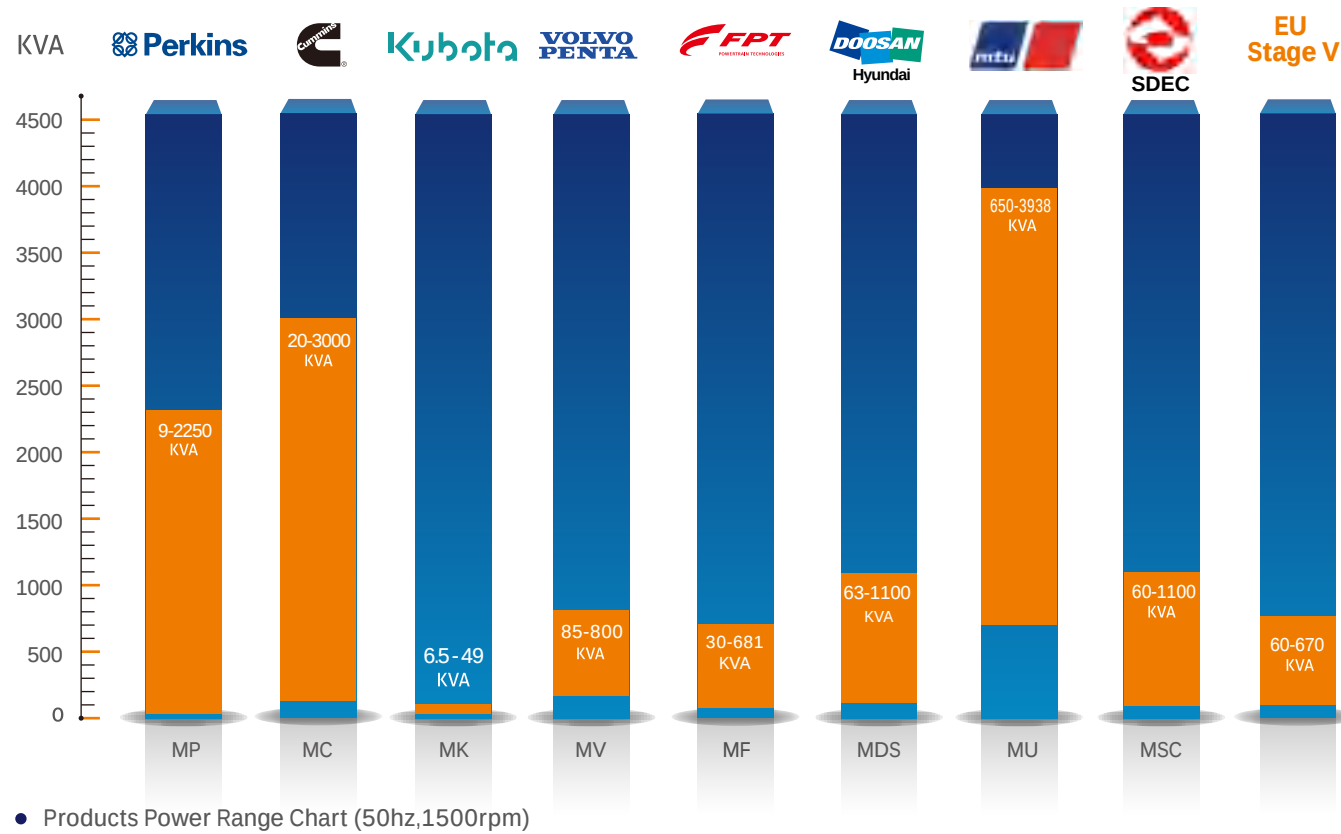
Jakarta, Exhibition



Chile, Military

Partners

One of the reasons why SolarX made such achievement is the close cooperation with the world-leading partners. SolarX 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

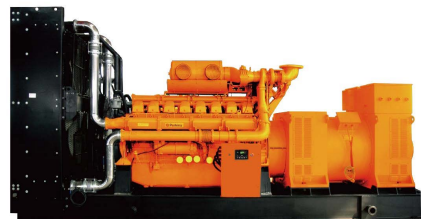
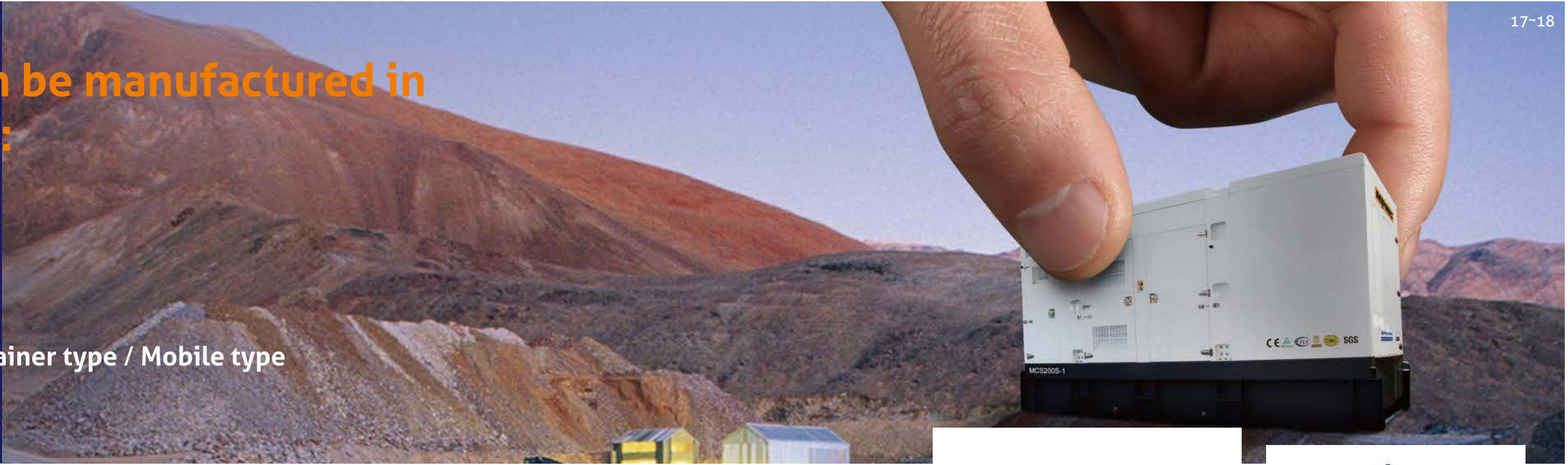


Power and productivity for a better world™

The Generator can be manufactured in different versions:

GENERATOR SETS

Open type / Silent type / Container type / Mobile type



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



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



Silent type (SR2、 SE)
Power range: 6~1000kVA



Container (SC)
Power range: >650kVA



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



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



Hybrid lighting tower (HBL)
with generator & battery
Mast Height: 9m / 10m / 12m



Mast Height: 7.5m



Hydraulic type (LHS)
Mast Height: 9m



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



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



Silent type (SR1)
Power range: 6~80kVA



Reefer Container Generators
(CCT)



POWER PACK For Reefer Container
(CCG)

LIGHTING TOWERS

Manual type / Hydraulic type

OPEN TYPE (OE / OS)

 Generating sets

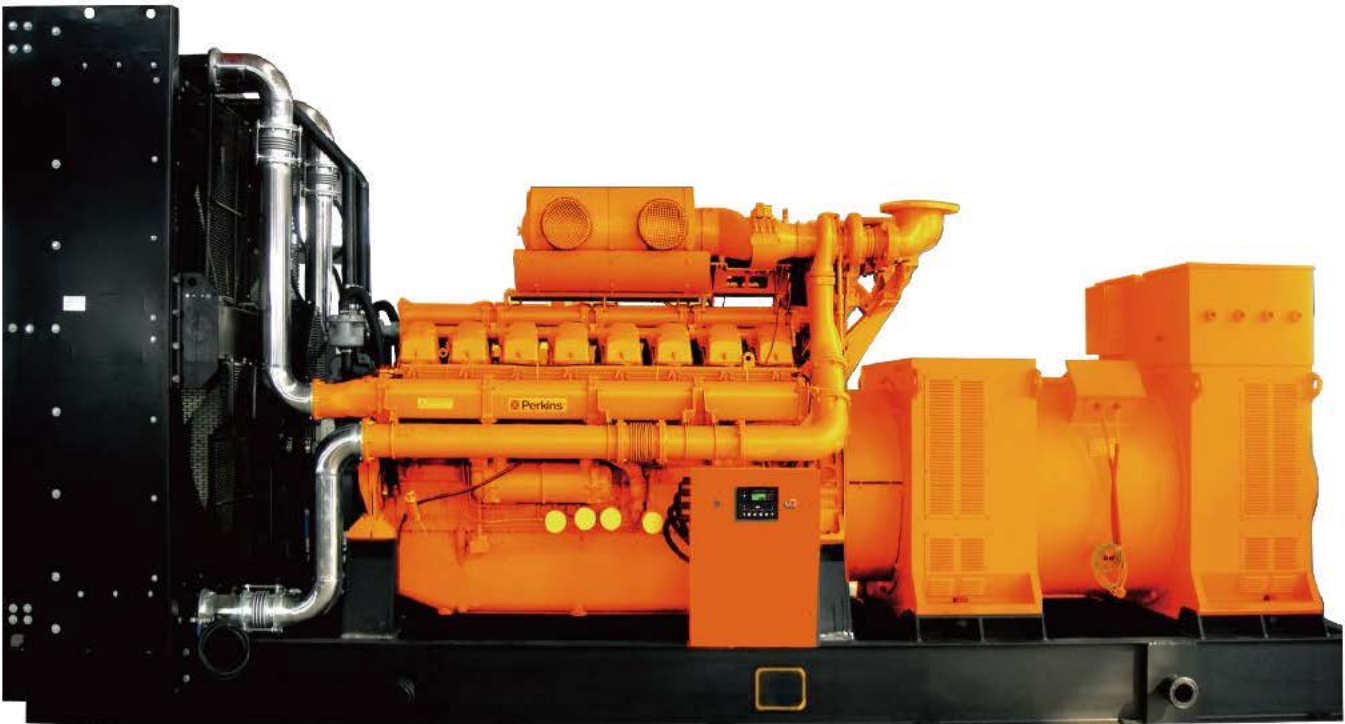
 Standard Open type gensets

 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

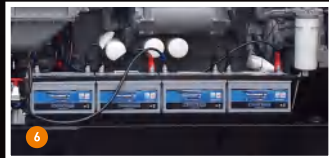
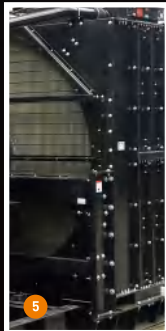
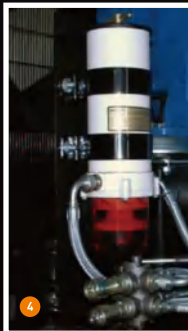
Advantages

SolarX 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.



SILENT TYPE (SR)



Generating Sets

Soundproof
Genset

Diesel

50
Hz60
Hz

Images shown are from the
SR MPS100S-1 model



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 bundled 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

SILENT TYPE (SR2、SE)



Generating Sets

Standard
Soundproof
Genset

Diesel

50
Hz60
Hz

▲ 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.

SILENT TYPE (SRAU)



Generating Sets

Standard
Soundproof
Genset

Diesel

50
Hz

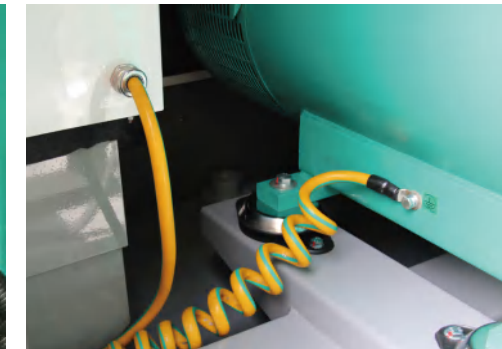
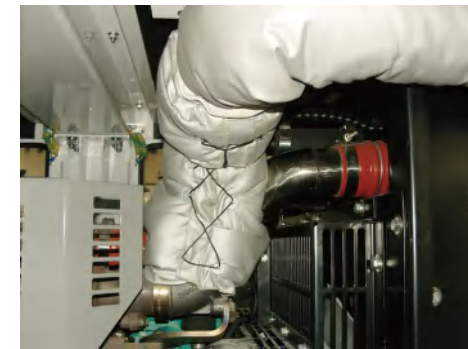
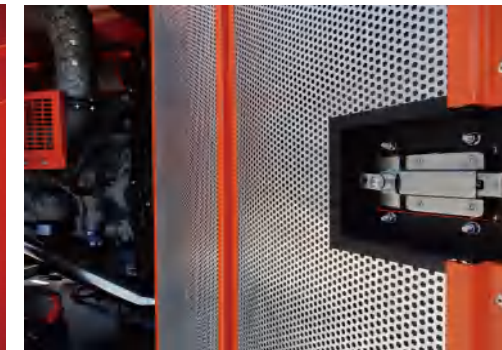
Features:

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



SILENT TYPE (SC)


Generating Sets


Standard Container Genset


Diesel

50 Hz

60 Hz


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.

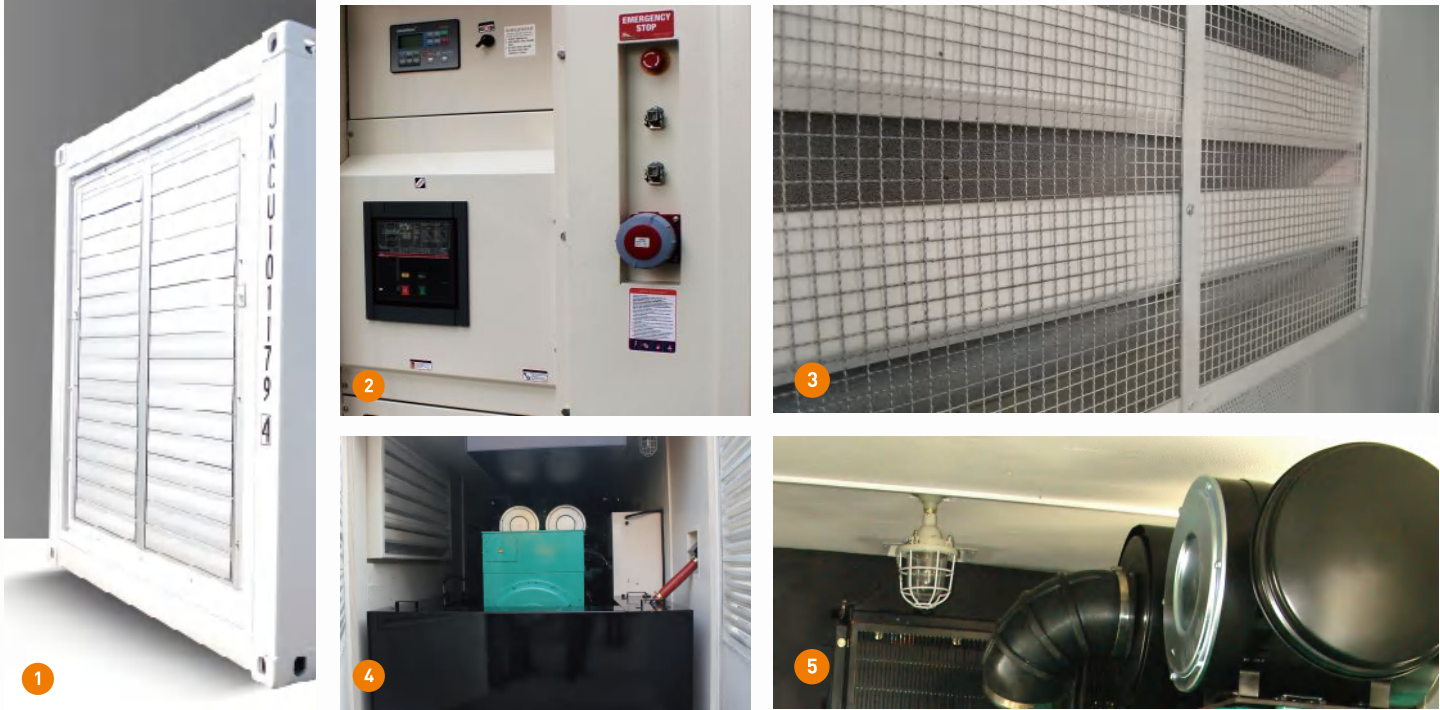
Optional

- Minimum operating noise level of 70dBA@7m
- Rental Type: Super silent of 80dBA @1m, 75% load

Engine: PERKINS / CUMMINS / MTU / VOLVO / DOOSAN

Some details:

- Stainless steel locks
- Easy outlet
- Steel net cover
- Big fuel tank
- Explosion proof lamps



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



Generating Sets



Trailer



Diesel



50 Hz



60 Hz



Mining



Drilling



Construction



Island



Rental

Features

- all the silent type generators from SolarX 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

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

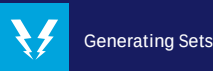
30-130kVA model

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 $\leq 25\text{km/h}$.

SILENT TYPE (SR1) 6-80kW



Features:

The compact silent diesel generator set (SR1) is an innovative product developed by SolarX to meet the demand of international market.

- Compact structure, smaller size and lower weight
- Stackable > More units can be stored in a container > Lower freight cost
- Front control cabinet and cable outlet
- Side air intake, direct exhaust design to reduce the length of units
- Sealed top cover for effective rain protection
- Single lifting point design on the top
- Equipped with a base fuel tank that can meet 75% load operation for 8 hours
- Standard controller, the DSE 4520 control module which is small in size and easy for operation and maintenance
- The controller comes standard with oil level display and low oil level alarm
- Shock-absorbing pad are installed between the feet and the base of engine and alternator
- Complying with domestic and international electrical safety standards

Engine: Kubota / Perkins / DCEC

Genset Model	Genset Standby Power		Genset Prime Power		Engine Model	Emissions Level	Displacement (L)	Fuel consumption (load at 100%) (L/H)	Dimensions L*W*H (mm)	Weight (kg)	Tank (L)
	kVA	kWe	kVA	kWe							
Powered by Perkins											
MP9-1	10.0	8.0	9.0	7.2	403D-11G	NA < 19KW	1.131	2.7	1350x750x1020	470	40
MP9-1	10.0	8.0	9.0	7.2	403A-11G1	N	1.131	2.6	1350x750x1020	470	40
MP9-1	10.0	8.0	9.0	7.2	403D-11G	N/A<19KW	1.131	2.7	1350x750x1020	470	40
MP13-1	14.5	11.6	13.0	10.4	403D-15G L	NA < 19KW	1.496	3.7	1350x750x1020	580	40
MP13-1	14.5	11.6	13.0	10.4	403A-15G1	N	1.496	3.7	1350x750x1020	580	40
MP13-1	14.5	11.6	13.0	10.4	403D-15G	N	1.496	3.7	1350x750x1020	580	40
MP15-1	16.5	13.2	15.0	12.0	403A-15G2	N	1.496	4.3	1350x750x1020	665	40
MP15-1	16.5	13.2	15.0	12.0	403A-15G2	N	1.496	4.3	1350x750x1020	665	40
MP20-1	22.0	17.6	20.0	16.0	404D-22G L	Stage IIIA	2.216	5.3	1540x830x1120	680	40
MP20-1	22.0	17.6	20.0	16.0	404A-22G1	N	2.216	5.3	1540x830x1120	680	40
MP20-1	22.0	17.6	20.0	16.0	404D-22G	Stage IIIA	2.216	5.3	1540x830x1120	680	40
MP27-1	30.0	24.0	27.0	21.6	404D-22TG	Stage IIIA	2.216	7.1	1540x830x1120	750	40
MP30-1	33.0	26.4	30.0	24.0	1103A-33G	N	3.300	7.2	1640x900x1120	880	80
MP30-1	33.0	26.4	30.0	24.0	1103A-33G	N	3.300	7.2	1640x900x1130	880	80
MP45-1	50.0	40.0	45.0	36.0	1103A-33TG1	N	3.300	10.5	1740x1050x1270	920	100
MP45-1	50.0	40.0	45.0	36.0	1103A-33TG1	N	3.300	10.5	1740x1050x1270	920	100
MP60-1	66.0	52.8	60.0	48.0	1103A-33TG2	N	3.300	14.6	1740x1050x1270	920	100
MP60-1	66.0	52.8	60.0	48.0	1103A-33TG2	N	3.300	14.6	1740x1050x1270	920	100
MP60-1	66.0	52.8	60.0	48.0	1104D-44TG2	Stage IIIA	4.400	16.5	2000x1050x1270	1050	100
MP65-1	71.5	57.2	65.0	52.0	1104A-44TG1	N	4.400	14.8	2000x1050x1270	1050	100
MP65-1	71.5	57.2	65.0	52.0	1104A-44TG1	N	4.400	14.8	2000x1050x1270	1050	100
MP80-1	88.0	70.4	80.0	64.0	1104A-44TG2	N	4.400	18.7	2000x1050x1270	1050	100
MP80-1	88.0	70.4	80.0	64.0	1104D-E44TAG1	Stage IIIA	4.400	20.6	2150x1050x1270	1180	100
MP80-1	88.0	70.4	80.0	64.0	1104A-44TG2	N	4.410	18.7	2000x1050x1270	1050	100
MP100-1	110.0	88.0	100.0	80.0	1104C-44TAG2	N	4.410	22.6	2150x1050x1270	1180	100
MP100-1	110.0	88.0	100.0	80.0	1104C-44TAG2	N	4.400	22.6	2150x1050x1270	1180	100
MP100-1	110.0	88.0	100.0	80.0	1104D-E44TAG2	Stage IIIA	4.410	23.5	2150x1050x1270	1180	100
Powered by KUBOTA											
MK7-1	7.2	5.7	6.5	5.2	D905-BG-ES01	NA	0.898	2.1	1290x750x1020	520	40
MK9-1	10.0	8.0	9.0	7.2	D1105-BG-ES01	NA	1.123	2.6	1290x750x1020	\$520	\$40
MK13-1	13.8	11.0	12.5	10.0	V1505-BG-ES01	NA	1.498	3.2	1420x830x1120	620	30
MK15-1	16.5	13.2	15.0	12.0	D1803-M-DI-BG-CHN-1T	NA	1.647	3.7	1420x830x1120	\$780	\$30
MK20-1	22.0	17.6	20.0	16.0	V2403-M-DI-BG-CHN-1T	NA	1.999	5.0	1540x830x1120	850	40
MK30-1	33.0	26.4	30.0	24.0	V3300-BG-EU1	NA	3.318	7.1	1640x900x1120	\$900	\$100
MK37-1	40.7	32.6	37.0	29.6	V3300-T-BG-ES02	NA	3.318	8.4	1640x900x1270	950	100
MK8-1	8.3	6.6	7.5	6.0	Z482-ET03 (3000rpm)	China T3	0.479	2.5	1250x750x920	450	30
MK11-1	12.1	9.7	11.0	8.8	D722-ET09 (3000rpm)	China T3	0.719	3.1	1250x750x920	\$480	\$30
Powered by Cummins											
MC20-1	22.5	18.0	20.0	16.0	4B3.9-G11	NA	3.9	5.7	1740x1050x1270	1050	60
MC25-1	27.5	22.0	25.0	20.0	4B3.9-G1	NA	3.9	7.1	1740x1050x1270	1070	60
MC25-1	27.5	22.0	25.0	20.0	4B3.9-G2	NA	3.9	6.7	1740x1050x1270	1070	60
MC25-1	27.5	22.0	25.0	20.0	QSB3.9-G31	China T3	3.9	6.1	1740x1050x1270	1070	60
MC30-1	32.5	26.0	30.0	24.0	4B3.9-G12	NA	3.9	7.4	1740x1050x1270	1050	60
MC38-1	41.3	33.0	37.5	30.0	QSB3.9-G33	China T3	3.9	8.8	1850x1050x1270	1100	60
MC40-1	44.0	35.2	40.0	32.0	4BT3.9-G1	NA	3.9	10.0	1850x1050x1270	1100	60
MC40-1	44.0	35.2	40.0	32.0	4BT3.9-G2	NA	3.9	9.3	1850x1050x1270	1100	60
MC55-1	60.0	48.0	55.0	44.0	4BTA3.9-G2	NA	3.9	14.9	2000*1050*1270	1350	100
MC60-1	66.0	52.8	60.0	48.0	QSB3.9-G2	China T3	3.9	14.0	2150x1050x1270	1450	100
MC63-1	68.8	55.0	62.5	50.0	QSB3.9-G35	China T3	3.9	14.2	2150x1050x1270	1450	100
MC80-1	90.0	72.0	80.0	64.0	4BTA3.9-G11	NA	3.9	17.6	2150x1050x1270	1350	100

INTERCHANGEABLE TYPE (SO)

10-800kVA



50
Hz

60
Hz

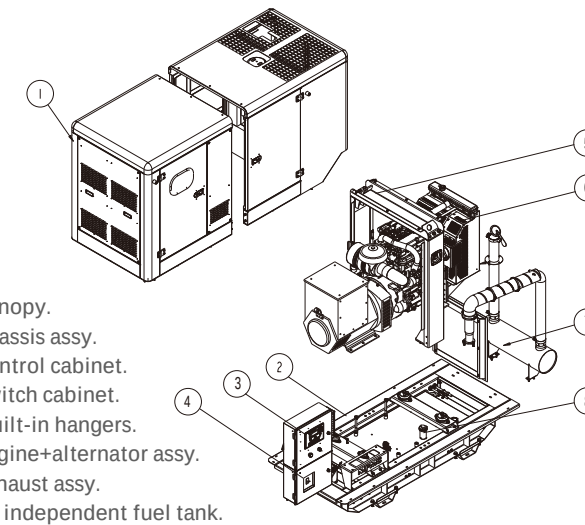


Features:

The universal design of the open type and silent type generator can meets the requirements for preparing the warehouse and improving the delivery time; it can be made according to the open type generator, and the canopy can be installed directly according to the customer's demand, which improves the planning execution of the production and improves the delivery rate.

- **Save effort:** No welding at all, easy to dismantle and assemble.
- **Economical:** More loading quantity after dismantlement.
- **No leakage:** Integrated full bunded fuel tank.
- **Low material cost:** The structure of the generator is economical and compact.
- **Durable:** Powder coating, 3 years warranty.
- **Optimized design:** Noise level less than 70dB@ 7m.
- **Safe:** With earth leakage protection.

Engine: Perkins / Cummins



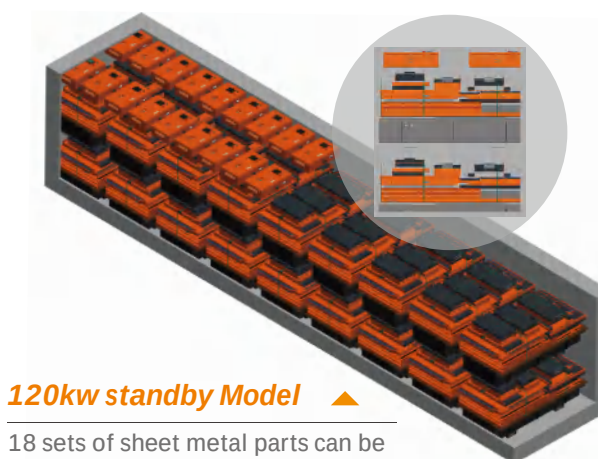
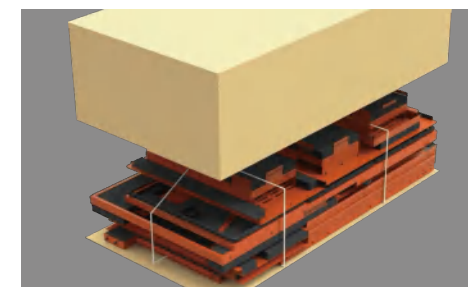
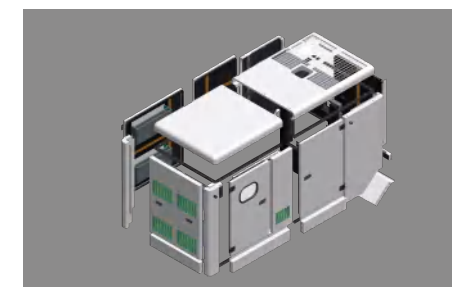
1. Canopy.
2. Chassis assy.
3. Control cabinet.
4. Switch cabinet.
5. built-in hangers.
6. Engine+alternator assy.
7. Exhaust assy.
8. 8h independent fuel tank.

*Open type / silent type are interchangeable.
Much easier for stock*

MODULAR DESIGN, the model can be used in different brand of engine and alternator with similar power range, the aggregate on the generator is highly versatile.

Separate canopies available

Package drawing



120kw standby Model ▲

18 sets of sheet metal parts can be loaded in 40'GP

SEPARATE CANOPY AND BASE AVAILABLE

Different parts in flat packages to save transportation fee

REEFER CONTAINER GENERATORS (CCT)



-40~55 °C



Diesel

60 Hz

15kw
460V
1800r/min

Rear-Cab



Under-slung



Side-Mount



Clip-On / Pin-Mount



The high-strength canopy and anti-lean installation of SolarX generator sets for ISO reefer container highlight reliability and stability of power supply for thermal containers on over-the-road transportation.

Features:

- Ensuring powerful starting performance and continuous steady power supply to refrigerated containers.
- Collision-resistant as the generator set is completely welded steel structural assembly designed to take $\geq 5g$'s acceleration forces in all directions.
- Fuel duration: 10+ days.
- Cycle run system to lower fuel consumption by 30%-40%
- Cloud monitoring system for remote monitoring, diagnose and maintenance.
- Fire-proof system.

Emission regulation:

U.S. Tier 3 / U.S. Tier 4 Final / EU Stage III / EU Stage V / China Off-Road Stage 3 etc.

SolarX Gensets for ISO Reefer Containers



Stable Power

Rated output: 15kW, 60Hz, 3 Phases
Reefer container measured power:
6.5 ~ 7.5kW
Standard compliants & Certified:
ISO 1496-2(GB/T7392), CE, ISO9001



Weather Resistance

Startup temperature: -20°C ~ +50°C
Operation temperature: -40°C ~ +50°C
Relative humidity: $\leq 100\%$
Altitude: $\leq 4000m$
Resistance: Wind, Sand, Snow, Haze,
Salt-spray, Acid rain, Sandstorm etc.



X-Y-Z Vibration Tests

Under the circumstances of vehicle vibration,

Vertical vibration acceleration $\leq 2g$
Horizontal vibration acceleration $\leq 2g$
Longitudinal vibration acceleration $\leq 3g$

Engine: SolarX / Perkins / Kubota / Yanmar

POWER PACK For Reefer Container (CCG)

 -40~55 C

 Diesel

60 Hz

250~900kw
460V



POWER PACK For Reefer Container are specifically designed for railway /freight and refrigerated yard at docks. The power pack supplies electrical power for Iso container refrigeration systems.

Features:

- The power pack is powered by water-cooled, heavy-duty, industrial type CUMMINS diesel engine that is closed couple via SAE flexible disk/flange coupling to the LEROY SOMER brush-less, synchronous, self-regulated alternator.
- The generator set frame is insulated from the container floor by anti-vibration mountings.
- The safety shutdown system and the electricity measuring data are provided by SolarX 6110 controller. Anti-corrosion treatments for the island and port applications. Providing a stable power source for your reefer container.
- The power pack is manufactured and rated according to continuous power output as outlined in ISO-8528, overload power in accordance with ISO-3046.

Socket for ISO reefer container

The generator set is provided with an output socket, which is located outside the container and can be connected with an external input plug.

- IP 57
- CEE-17 standard
- 32 A with 3P3W

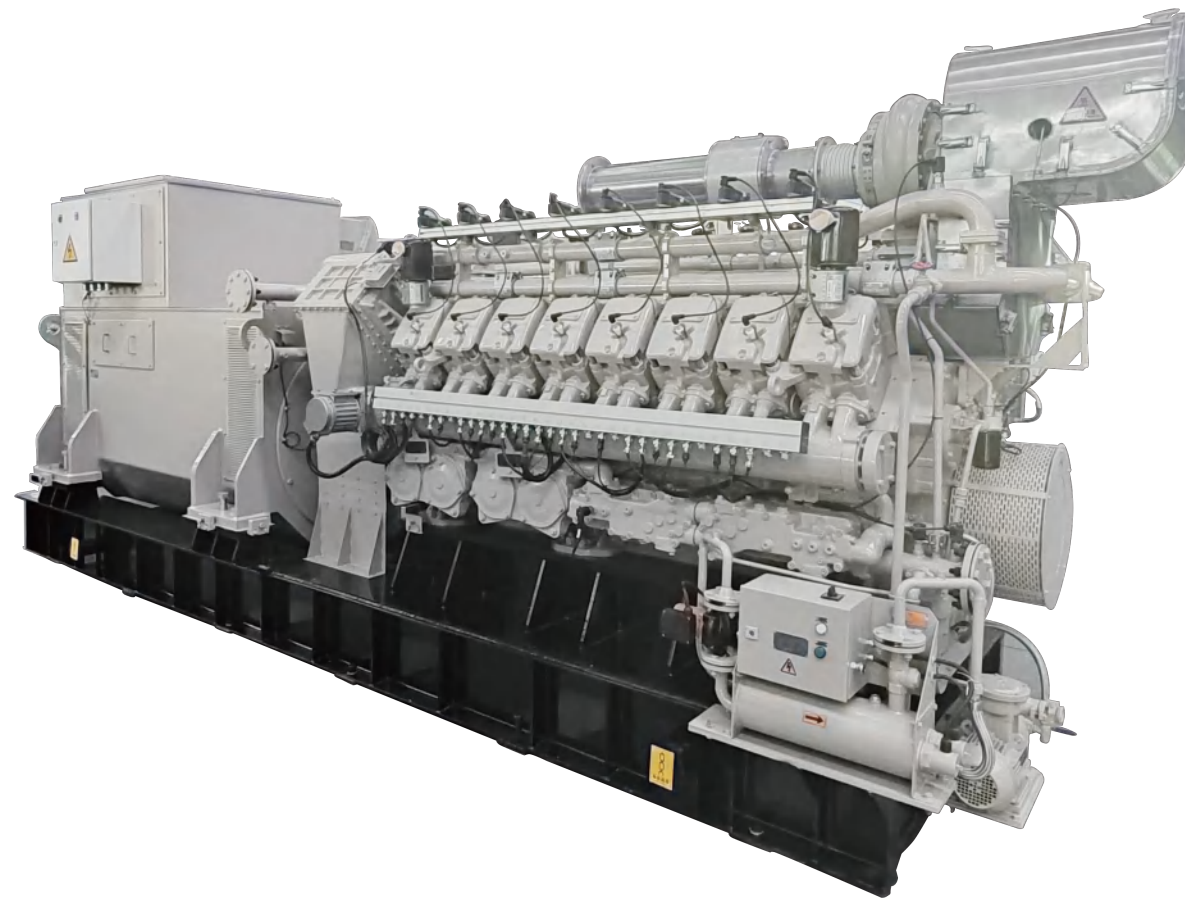
Specification

Model	Rated Power		Freq.	Voltage	Engine	Current	Fuel Tank	Socket	Dimension	
	kW	kVA	Hz	V		A	L (hrs@full load)	Main+Standby	ISO Container	Net.Weight
MCCG-C250H	250	313	60	460	NTA855-G1	392.23	2500 (45hrs)	24+4	20GP	8000kG
MCCG-C275H	275	344	60	460	NTA855-G1B	431.46	2500 (41hrs)	28+4	20GP	8000kG
MCCG-C315H	315	394	60	460	NTA855-G3	494.21	2500 (39hrs)	30+4	20GP	8000kG
MCCG-C350H	350	438	60	460	KTA19-G2	549.13	2500 (34hrs)	34+4	20GP	9000kG
MCCG-C400H	400	500	60	460	KTA19-G3	627.57	2500 (31hrs)	40+4	20GP	9000kG
MCCG-C450H	450	563	60	460	KTA19-G4	706.02	2500 (28hrs)	44+4	20GP	9000kG
MCCG-C470H	470	588	60	460	KTAA19-G5	737.40	2500 (25hrs)	46+4	20GP	9000kG
MCCG-C500H	500	625	60	460	QSK19-G4	784.47	2500 (24hrs)	50+4	20GP	9000kG
MCCG-C550H	550	688	60	460	QSK19-G5	862.91	2500 (22hrs)	54+4	20GP	9000kG
MCCG-C620H	620	775	60	460	KT38-G	972.74	10000 (86hrs)	60+4	40HC	16000kG
MCCG-C700H	700	875	60	460	KTA38-G1	1098.25	10000 (68hrs)	70+4	40HC	16000kG
MCCG-C750H	750	938	60	460	KTA38-G2B	1176.70	10000 (66hrs)	74+4	40HC	16000kG
MCCG-C800H	800	1000	60	460	KTA38-G2A	1255.15	10000 (60hrs)	80+4	40HC	16000kG
MCCG-C900H	900	1125	60	460	KTA38-G4	1412.04	10000 (55hrs)	90+4	40HC	16000kG

- Remarks:
1. The controller is SolarX 6110 for AMF and single GENSET's operations;
 2. The container is ISO standard;
 3. The product is designed for marine terminal.

Engine: Cummins as standard

GAS TYPE (GP) 1MW-2MW



Smarter Energy Solutions



Commercial
& Industrial
Facilities

Reducing operating costs,
reduces carbon emissions.



Mining

To improve mining safety
& reduce carbon emissions.



Public Grid

To meet ongoing grid
support and peak power
demand.

SolarX natural gas generator sets Application

- Facilities such as manufacturing plants, resorts, shopping malls, office or residential towers, universities, data centers and hospitals can use SolarX natural gas generator sets.
- Mining operators use gas to generate electricity to improve mining safety and reduce carbon emissions, while many other mining operations take advantage of on-site gas power generation to support development of new areas.
- SolarX leads innovations to provide stationary and containerized gas power generation equipment for utility grids and district energy facilities around the world to meet ongoing grid support and peak power demand.

Engine: HND / CUMMINS / CAT

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 swith 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)	SolarX		SOCOME C		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		NA		800x800x2200
4000A			ATYS d H-4000A/4P				1200x1000x2200
5000A			ATYS d H-5000A/4P				1200x1000x2200
6300A			ATYS d H-6300A/4P				1200x1000x2200

PARALLEL SYSTEM

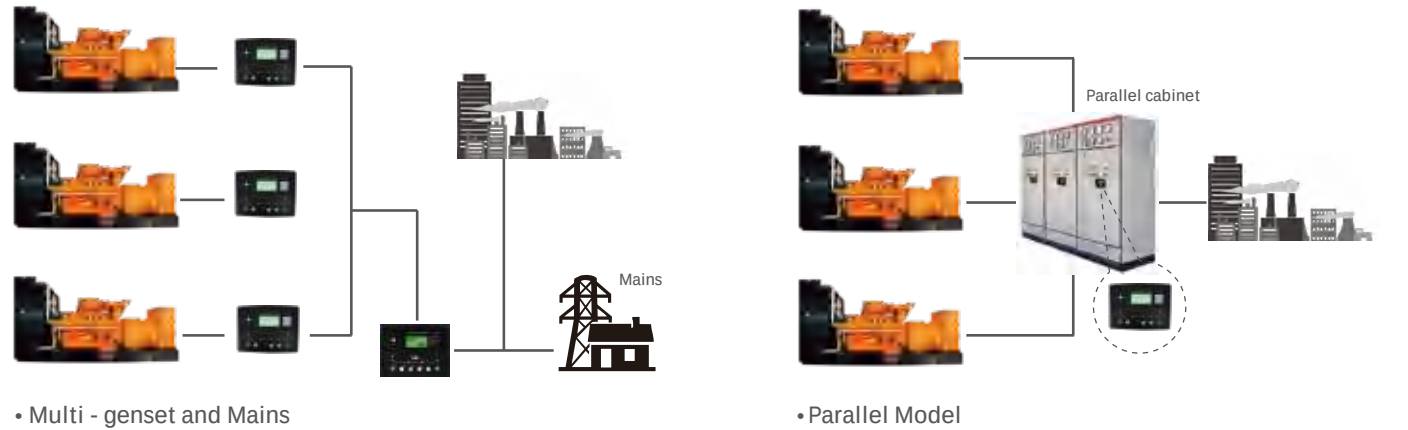
Genuine import parallel control module
Meeting the needs of complex and diverse load distribution



- 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.



GENUINE PARTS

SolarX 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



ACCESSORIES

As an experience solution provider, SolarX 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



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

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.



Model	MLT 4 KSC-4000LD	
Type of lights	Metal Halide Floodlight 4×1000w	
Light coverage (m²) (≥ 5 lux)	3330	
Lamps Rotation	Manual / Electric 90°	
Pack Dimension (L×W×H)	2990×1100×2450mm	
Outside Dimension (L×W×H)	2990×2310×7500 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

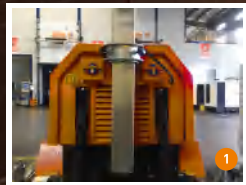
The lighting tower with KUBOTA Engine high quality configuration.

HANDWINCH,
VERTICAL
TELESCOPIC
MAST

Features:

Standardized design and customized
refit provides most timely solution.

- Compact design for versatility.
- Telescopic, mechanical, 5 stages mast up to 7.2/8.5m.
- 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.

MAST
UP TO
7.2/8.5M

THE OFF ROAD TRAILER SPEED

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

≤ 25KM / H.



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

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

72dB(A) at 7m away

LED

LIGHTING TOWER



Technical data

Model	MLT 4 KME-1400LD		
Type of lights	AC LED 4×350W		
Light coverage (m²) (≥ 5 lux)	3725		
Lamps Rotation	Manual / Electric 90°		
Pack Dimension (L×W×H)	2990×1100×2450mm		
Outside Dimension (L×W×H)	2990×2310×7500 mm		
Weight (net)	700kg		
Tank Capacity	100L		
Running Hr. (Fuel tank poerating)	134h		
Engine Brand	Kubota		
Engine Model	Z482-B	Z482-D2-EF07e (Tier4)	
Speed (rpm)	1500	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.

HYDRAULIC TYPE

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
72dB(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 4×1000w			
Light coverage (m ²) (≥5 lux)	3834			
Lamps Rotation	Electric 90 °			
Pack Dimension (L×W×H)	2130×1350×2536mm			
Outside Dimension (L×W×H)	2836×2070×9000mm			
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	3600
Frequency(Hz)	50	60	50	60
Rated Power(kW)	6.0	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 90°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.

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

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
72dB(A) at 7m



AC
LED
LIGHTING TOWER

Techincal

Model	MLT 4 KME-1400LHS		
Type of lights	LED 4x350W		
Light coverage (m ²) (≥5 lux)	3725		
Lamps Rotation	Electric 90 °		
Pack Dimension (L×W×H)	2836×1350×2536mm		
Outside Dimension (L×W×H)	2836×2070×9000mm		
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.

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

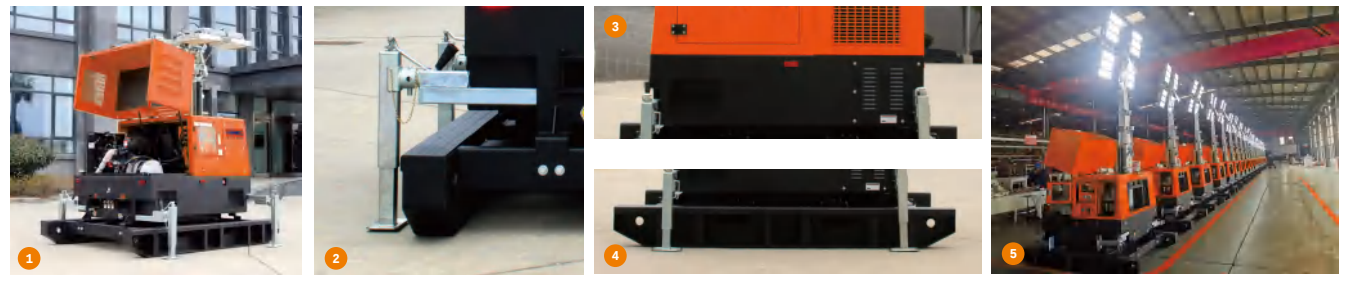
**MAST
UP TO
8.5M**



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.

- 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.



Technical data

Model	MLT4KD-4000LS	MLT4KSC-4000LS	MLT 4 KME-1400LS	MLT4KSC-1400DLS
Type of lights	Metal Halide Floodlight 4×1000w			LED 4×350W
Light coverage (m²) (≥ 5 lux)	3834			3725
Lamps Rotation	Allow electric rotation of 90 °			Allow electric rotation of 90 °
Pack Dimension (L×W×H)	2278×1510×2421mm			2278×1510×2421mm
Outside Dimension (L×W×H)	2278×2353×8500mm			2278×2353×8500mm
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-B
Speed (rpm)	1500	1800	3000	1800
Frequency(Hz)	50	60	50	/
Rated Power(kW)	6.0	6.0	7.0	3.3
Alternator Model	DP06	EK2MCT	LT3N-75/4	FB 4-48/100

Engine: KUBOTA

The lighting tower with KUBOTA Engine high quality configuration.

HYBRID POWER

LIGHTING TOWER

HBL SERIES

THE HYBRID LIGHTING TOWER IS EQUIPPED WITH
4*150W LED LAMPS / 4*250W LED LAMPS / 4*350W LED LAMPS.



DC
LED
LIGHTING TOWER

Model		MLT4KL-1400DHBL	MLT4YL-1400DHBL	MLT4KL-1000DHBL	MLT4YL-1000DHBL	MLT4KL-600DHBL		MLT4YL-600DHBL	
Discharge Duration	hr.	9.0		12.0		15.0			
Charge Duration	hr.	3.0				6.0			
Pack Dimension	mm	2234*1477*2557							
Net Weight	kg	1540				1500			
Fuel Capacity	L	100							
Control System		Automatic control (Lamp / Genset / battery)							
Lamp Power	W	350		250		150			
Luminous Efficiency	Lm/W	160		155		150			
Luminous Flux	Lm	56000		38750		22500			
Lamp Qty.	pcs	4		4		4			
Total Irradiation Area (Min.25lux,9m Mast)	m²	3780		3159		2578			
Total Irradiation Area (Average±20lux,9m Mast)	m²	6400		4624		2352			
Battery Model		MF51300							
Nominal Capacity	kWh	15.36							
	Ah	300							
Nominal Voltage	VDC	51.2							
Battery Qty.	pcs	1							
Engine Model		Z482-ET03 (3000rpm)	2TNV70-HGE (3000rpm)	Z482-ET03 (3000rpm)	2TNV70-HGE (3000rpm)	Z482-B-CHN-1(1500/1800rpm) Z482-D2-EF07e (1800rpm)		2TNV70HE(1500/1800rpm)	
Alternator Model		MD6.0-48				MD3.0-48			
Genset Rated Power	KW	6				3			
Genset Voltage Range	VDC	50-60							
Mast Lifting Type		Vertical							
Lifting Height	m	9							
Driving Type		Hydraulic							
Horizontal Rotation Angle	deg.	349							
Vertical Rotation Angle	deg.	90							
Trailer Loading Capacity	kg	1600							
Alex Type		Single alex							
Tire Size		185R14							
Braking Mode		Parking hand break + Overrun device							
Running Speed	km/h	80							



Mining



Rail way



Construction



Highway



Construction Field



Rental

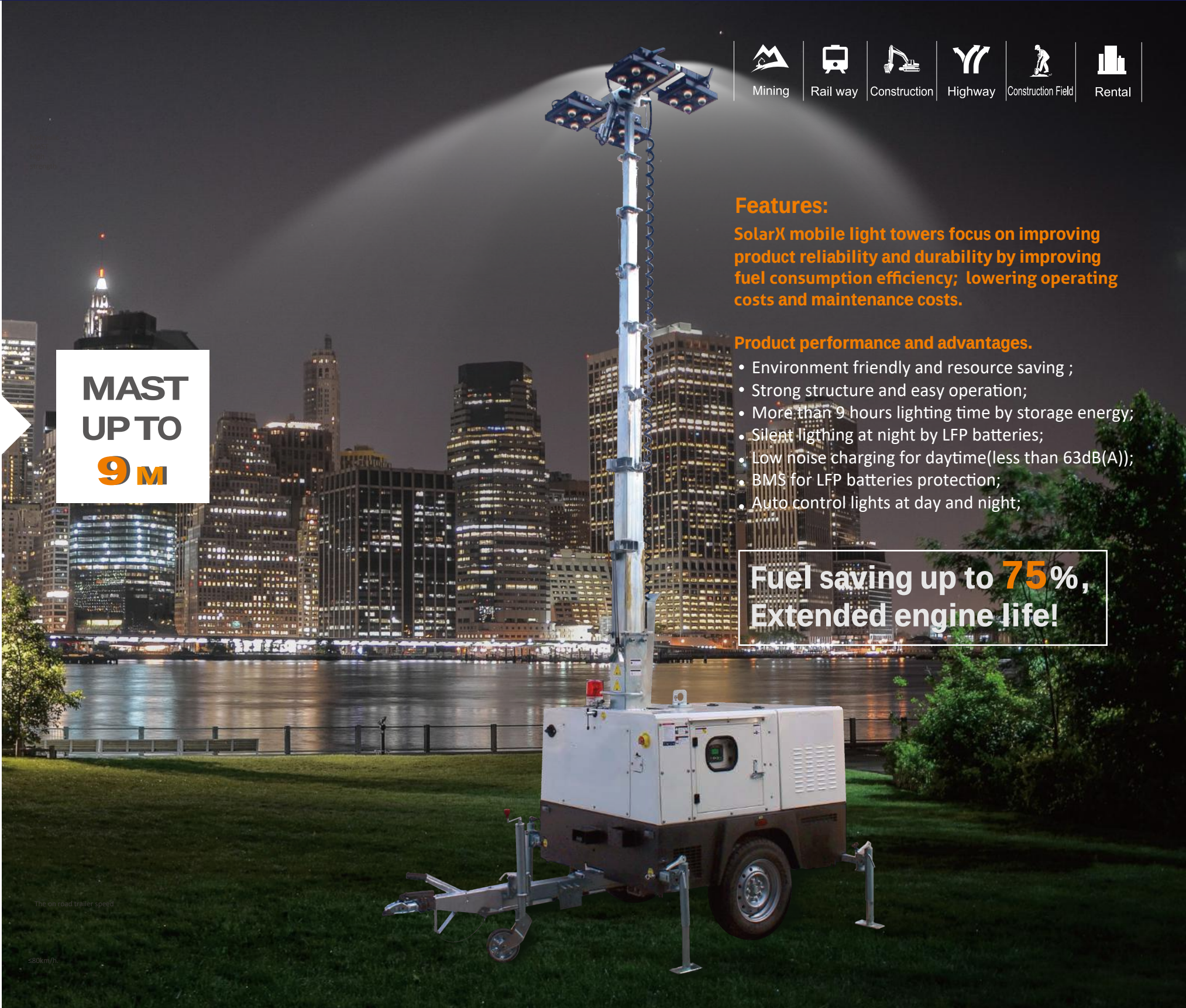
Features:

SolarX mobile light towers focus on improving product reliability and durability by improving fuel consumption efficiency; lowering operating costs and maintenance costs.

Product performance and advantages.

- Environment friendly and resource saving ;
- Strong structure and easy operation;
- More than 9 hours lighting time by storage energy;
- Silent lighting at night by LFP batteries;
- Low noise charging for daytime(less than 63dB(A));
- BMS for LFP batteries protection;
- Auto control lights at day and night;

Fuel saving up to **75%**,
Extended engine life!



BATTERY + DIESEL



HYBRID POWER

LIGHTING TOWER

HSL SERIES

THE FULL AUTOMATIC SOLAR LIGHTING TOWERS IS EQUIPPED WITH 4×75W LAMPS / 4×112W LAMPS / 4×150W LAMPS.

▼
ECO Friendly
& Low Emission



DC
LED
LIGHTING TOWER

Technical data

Model		HSL-1380	HSL-1840	HSL-2760	HSL-3680
Discharge Duration	hr.	30.0			
Self Charge Duration	hr.	7.5	5.5	5.5	5.5
Solar Panel	Wp	460			
	pcs	3	4	6	8
Control System		Automatic Control (Lamp / Solar / Battery)			
Lamp Power	W	75		112	150
Luminous Efficiency	Lm/W	>200			
Lamp Qty.	pcs	4			
Luminous Flux of Lamp Array	Lm	62000		92000	124000
Total Irradiation Area (Min.≥5lux,7.2m Mast)	m²	2000		3000	4000
Battery Model		LFP MF51100			
Nominal Capacity	kWh	5.12			
	Ah	100			
Nominal Voltage	VDC	51.2			
Battery Qty. (PACK)	pcs	2		3	4
Mast Lifting Type		Vertical			
Lifting Height	m	7.2			
Driving Type		Hydraulic			
Horizontal Rotation Angle	deg.	0~355			
Vertical Rotation Angle	deg.	22~90			
Alex Type		Single alex			
Braking Mode		Parking hand break + Overrun device			
Maximal Moving Speed	km/h	80			
Loading Dimensions(LxWxH)	mm	2300*1150*2500	2300*2300*2500	2500*2300*2500	2500*2300*2500
Expanding Dimensions(LxWxH)	mm	3400*3080*7200	3400*5280*7200	3400*6480*7200	4900*6480*7200
Net Weight	kg	900	1000	1200	1450
Loading Units	40HQ	10pcs	5pcs	5pcs	5pcs

HYDRAULIC
MAST
HIGH
STRENGTH

MAST
UP TO
7.2M



Venue Rental Highway Field Construction

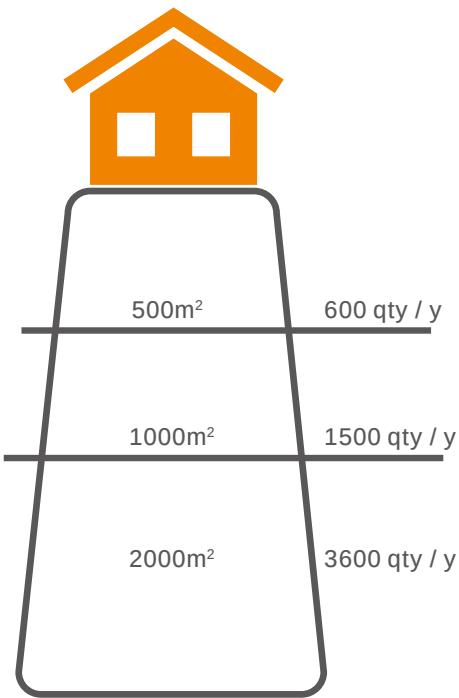
- Features:**
- Powerful design, Safe and reliable low-voltage operation system. These towable solar light towers can be used for any application where a diesel, gas or electric generator-powered light tower is needed.
- Can meet no mains and battery shortage environment.
 - High performance LED lighting.
 - 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.
 - On-road trailer speed ≤80km/h.
 - The mast could be rotated horizontally by 0 - 355 degrees.
- 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) .

◀ Solar panels can be adjustable tilt angle/fixed angle (Option)
◀ Solar panels can be slided and expanded

Battery type: LFP

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

SolarX 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 SolarX standard products and personalized custom products;
- Train your staff regularly ,improve product quality and production technology level;
- Use SolarX's brand influence to help you achieve your business goals;
- Using the most favorable SolarX supply chain system to achieve win-win cooperation and achieve progressive profitability.

Flexible Plant in sizes.

Capable of producing and processing

With SolarX 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.



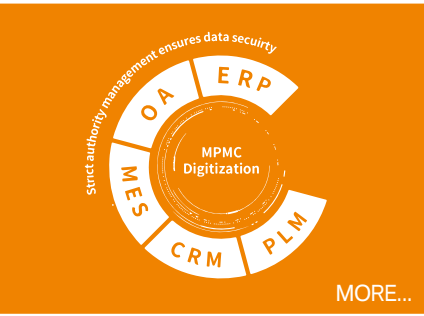
Right Software ensure Best Hardware.



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 SolarX World®

Factory Incubation

Technology Support

Brand Input

SolarX 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
- ★ Manufacturing base in Fuzhou
- ★ USA Branch
- ★ UAE Office
- ★ SA Office

Strong and wide service network makes customers more satisfied

SolarX 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



1500 hours

Maintenance Free



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