

## Branch Offices & Warehouses

### UNITED KINGDOM

Vickers Building,Hurricane Close,Sherburn Enterprise  
Park,Sherburn in Elmet,Leeds LS25 6PB,United Kingdom  
Tel: +44 1977 689 100  
Fax: +44 1977 681 990  
Email: info.uk@powerlinkworld.com

### AUSTRALIA

Unit 9, 8 Gladstone Road, Castle Hill NSW 2154, Australia  
Tel: +61 2 8858 9688  
Fax: +61 2 9680 8686  
Email: info.au@powerlinkworld.com

### AMERICA

2315 NW 107th Ave Unit 1M07 Doral, Miami, FL33172  
Tel: 001 786 507 5318  
Fax: 001 786 507 5321  
Email: info.us@powerlinkworld.com

## Factories

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Vickers Building,Hurricane Close,Sherburn Enterprise  
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Tel: +44 1977 689 100  
Fax: +44 1977 681 990  
Email: info.uk@powerlinkworld.com

### CHINA

No.576 Guanghua Road, Songjiang Science &  
Technology Park, Shanghai,China  
Tel: +86 21 57850867  
Fax: +86 21 57850870  
Email: info@powerlinkworld.com

### INDONESIA

Jl. Angkasa Kav. B6, Kota Baru Bandar Kemayoran  
Blok B No.11, Jakarta Pusat 10610  
Tel: 62-21-29371056  
Fax: 62-21-29371056  
Email: info.indo@powerlinkworld.com

## After-sales Service

### UNITED KINGDOM

Vickers Building,Hurricane Close,Sherburn Enterprise  
Park,Sherburn in Elmet,Leeds LS25 6PB,United Kingdom  
Tel: +44 1977 689 100  
Fax: +44 1977 681 990  
Email: service.uk@powerlinkworld.com

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No.576 Guanghua Road, Songjiang Science &  
Technology Park, Shanghai,China  
Tel: +86 21 57850867  
Fax: +86 21 57850870  
Email: service@powerlinkworld.com



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**POWERink**  
Power Systems

Your Partner for Power...

# DIESEL GENERATOR SETS

## EC SERIES

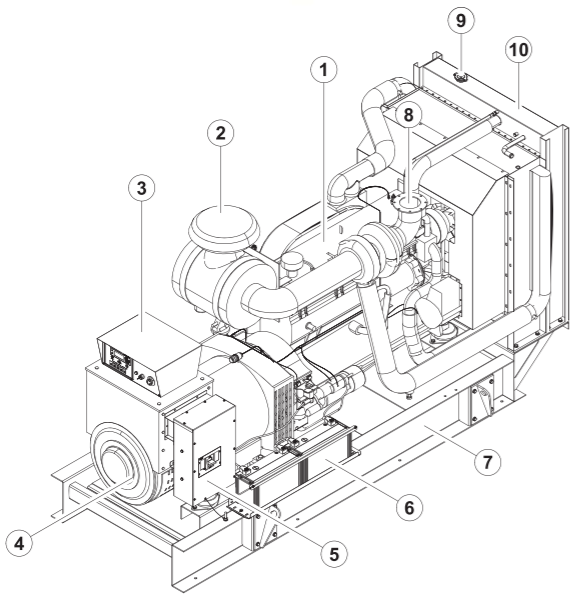
Powered by Cummins Engines



50 Hz 60 Hz  
22-1560 kVA

# OPEN SETS

## 22-650kVA



- Standard Features
1. Engine

2. Air cleaner

3. Control cabinet

4. Alternator

5. Switch cabinet

6. Battery

7. Base frame

8. Mounting flange of vent-pipe

9. Water inlet

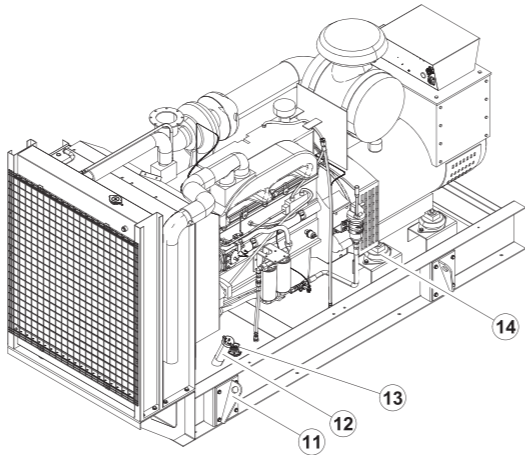
10. Radiator

11. Lifting lug

12. Fuel inlet

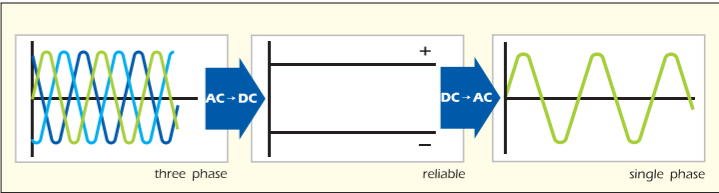
13. Fuel lever meter

14. Vibration isolator



### RELIABLE AND SAFE

- Powered by world famous engines, such as Cummins, Perkins, Kobota and so on.
- Load from 0-100%, frequency vibration within  $\pm 0.25\%$
- No load wire volts max undulation ratio within 0.5%
- The fully covered load centre houses all the outlets, compression terminals, and circuit breakers.
- Fully PC or front panel configuration, automatic shutdown when fault condition occurs.



Control System	AMF	Low oil pressure	speed	freq.	Emergency stop	temp.	current	Fail to start	volts
PLC-920	×	STD	STD	STD	STD	STD	STD	STD	STD
PLC-7420	STD	STD	STD	STD	STD	STD	STD	STD	STD
PLC-8610	STD	STD	STD	STD	STD	STD	STD	STD	STD

× : impossible    ○ : optional    STD: standard

Notes:  
1. A PLC-7420 or a PLC-920 is the standard configuration, while PLC-8610 is optional and is used for automatic parallel operation.  
2. Applicable voltmeter, ampere meter and some other meters are indispensable for the PLC-920 system.

### GOOD COOLING SYSTEM

- Exhaust silencing system totally enclosed for operator safety.
- 50 °C radiator as standard, oil cooler, drain tap.

### AUTOMATIC AIR-BLEEDING

- Every time the engine key is turned ON air is automatically purged from the fuel system.

PowerLink open generator sets cover a power range from 30kVA to 2500kVA :

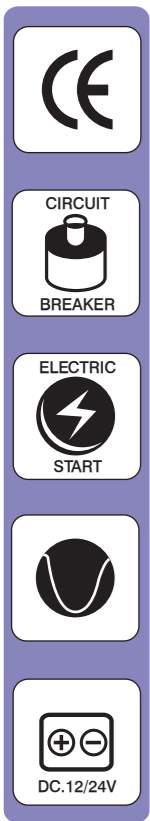
#### A-type: 30-2500kVA

- The control cabinet and wiring cabinet are designed separately and placed onto the alternator;
- Compact structure and easy transportation;
- Stable performance and long service life;
- Strong power, large output power, suitable for heavy duty.



# SOUNDPROOF SETS

## 22-650kVA



### High Reliability and Safety

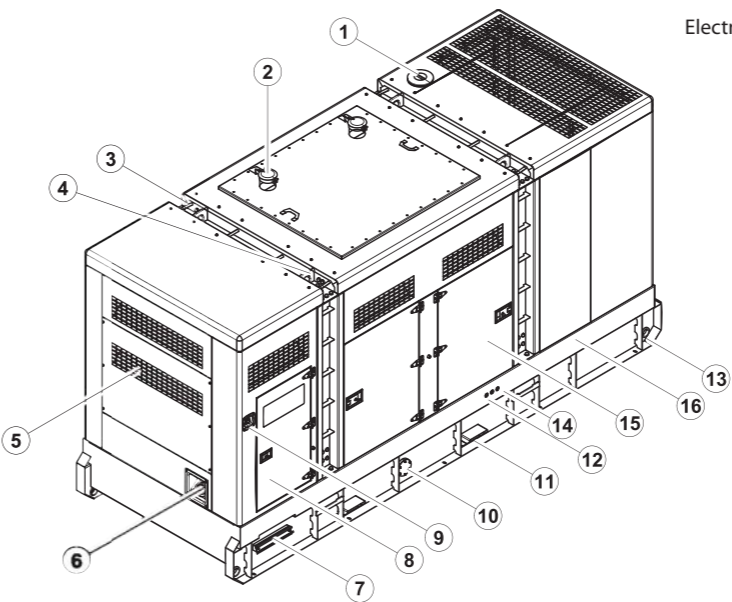
#### SAFETY

Design, production and testing of the generator sets comply with EU CE safety standard;  
Equipped with circuit breaker when engine stops in emergency for avoiding possible electric shock risk when re-start;  
The controller has a historical operation recording function for troubleshooting and inspection.

#### RELIABLE

Excellent engines and alternators featured with strong power, high torque, quick start, easy maintenance and operation.

The canopies are made of high quality steel and powder coated. The paint is highly endurable against erosion and scratch, and strongly rustproof.



Reliable alternator



Reliable engine powered by perkins, Cummins, Kubota engine.



Electric safety



Excellent anti-vibration devices



Operation safety



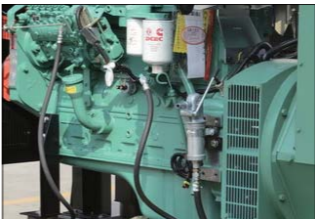
Information safety

#### Standard Features

- |                       |   |
|-----------------------|---|
| 1. Coolant inlet      | 9. Emergency stop switch                    |
| 2. Exhaust gas outlet | 10. Fuel drain                              |
| 3. Roping lug         | 11. Fork lift channel                       |
| 4. Lifting lug        | 12. External fuel inlet/return hose fitting |
| 5. Air inlet          | 13. Tie down                                |
| 6. Fuel inlet         | 14. Coolant/Oil drain hose fitting          |
| 7. Cable trench       | 15. Access door                             |
| 8. Control cabinet    | 16. Base frame                              |



Enclosed power outlet, terminal and sockets



Superior engine



Control switch for easy maintenance



Radiator protection cover



Forklift channel



Control panel



Double-layer fuel tank



Fuel inlet

# SOUNDPROOF SETS



## Environmentally Friendly

The noise level can be reduced by 15-35dB(A) through multiple noise control devices, which ensure quiet operations, thus having no effect on daily activities. This feature makes our diesel generators ideal for use at night in residential areas, offices and other environments which are sensitive to noise..

Cleaner exhaust, less effect on the environment, even in outdoor applications.

### POWERFUL ENGINES

- Adopts world-famous engines, with low noise and low emission.
- Rugged structure ensures lowest vibration.
- Common rail system: (for some models) significantly lowers the combustion temperature, and also leads to cleaner exhaust.
- For the turbocharged machines, the carbon dioxide (CO<sub>2</sub>) emission is reduced.

### EXCELLENT SILENCERS

Silencer and muffler pipe system effectively reduce the noise during operation, allowing for uninterrupted operations.

### FULLY-CLOSED NOISE REDUCTION

Besides applying airproof rubber around the doors, the concept of noise reduction has also been fully integrated into the inlet/outlet and all other components.

### HIGH QUALITY SOUND ABSORBING MATERIAL

The interior is lined with new type fire retardant and sound absorbing cotton, and the door is air proof with rubber that is designed for car doors use only, which helps absorb noise and heat during operation.

## Easy to Operate

### CONTROL SYSTEM

- Micro-processor cored digital system.
- Multiple languages, automatic control.
- Connected with the mains through ATS, which can help realize automatic transfer between the mains and the generators. Also, multiple generators can be paralleled for bigger power needs.

### CONVENIENT REFUELING AND WATERING INSTALLATIONS

- Outer filling fuel port.
- 8-12 hours base fuel tank in soundproof generator sets prevents against leakage and fuel spray when cleaning the interior. The fuel tank abides by European environment protection standards.
- Drainage outlet.
- Water feeder is located on top of the canopy.

### HUMANIZED DESIGN

- The oil drainage pump is located in the side door for easy operation.
- New type waterproof door lock is easy to lock and open.
- Clear labeling in visible positions, providing adequate information, safety presentation and convenience for operators. The labels are made of advanced materials, featured with excellent high-temperature resistance, rainproof and weatherproof performance.

### CONVENIENT CONNECTION

- Terminal connection lugs (L1, L2, L3, and LN) make connection and wiring more simple and well-ordered.
- Emergency stop provides convenient operation in emergent situation and when servicing.

### EASY TO TRANSPORT

- The machines below 500kVA have forklift holes and dragging points in the base for easy transport.
- Lifting eyes located on top of canopy make the machine easier to move by cranes.

### EASY TO MAINTAIN

- The daily maintenance work can be performed on both sides of the machine, and the wide doors allow easy access to all areas of the machine.
- An integrated waste drainage outlet located at the bottom of the machine makes it easier for regular maintenance.
- For generators above 300kVA, a ladder for climbing is equipped, making the machine easier to monitor and service.



# CONTAINERISED GENERATOR SETS

## 750-1500kVA



### Safe, Simple and Convenient

#### CONVENIENT REFUELING AND WATERING INSTALLATIONS

- Outer fuel inlet and coolant inlet .
- The genset is equipped with daily-used double-deck fuel tank with automatic fuel injection system.
- Fuel outlet at the base and drainage device.

#### EASY TO MAINTAIN

- The daily maintenance work can be performed on two sides of the machine, and wide doors allow you to easily access to the machine.
- Equipped with a climbing ladder, making it easier for regular maintenance and servicing.

#### EASY TO TRANSPORT

- Transportation holes for forklift designed in the base of some sets make it easier to move and transport, thus quite helpful for rental applications.

#### CONTROL SYSTEM

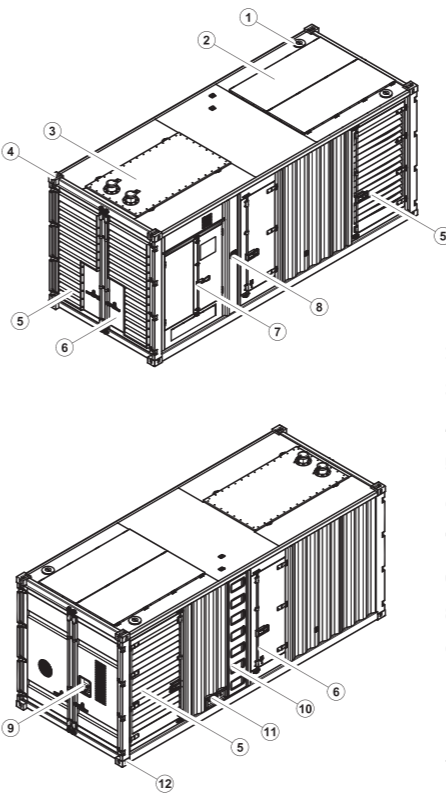
- Micro-processor cored digital system.
- Multiple languages for option, automatic control.

#### CONVENIENT CONNECTION

- An optional external quick connection panel can aid in the monitoring of mains, ATS transfer, and remote start.

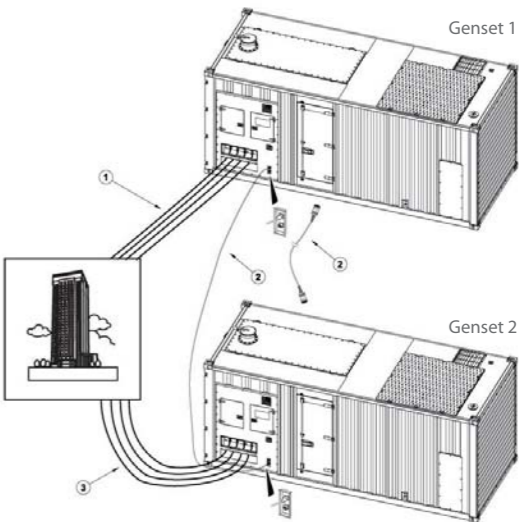
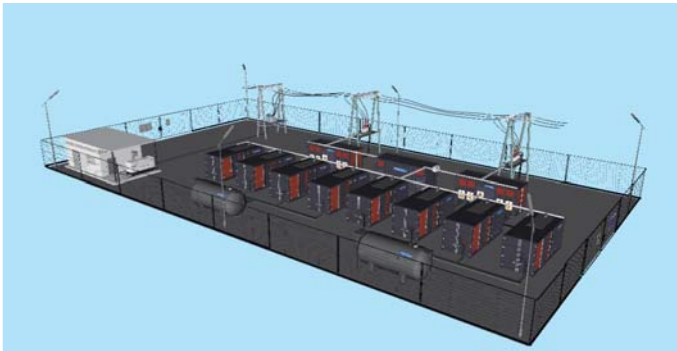
### Safe and Practical Design

- Quiet and suitable for using at night and in areas of residences and offices which are sensitive to noise.
- The attack of rain and dust is prevented even in harsh environments such as mines, deserts, building sites, etc.



1. Coolant inlet
2. Cooling fan plate
3. Exhaust gas outlet
4. Lifting lug
5. Air inlet
6. Access door
7. Control & field wiring cabinet
8. Emergency stop switch
9. Fuel inlet
10. Ladder
11. Water/oil drain hose fitting
12. Fixing lug

### EASY TO BE PARALLELED



- ① Output Cables (Genset 1)
- ② Telecommunication Cable for Paralleling
- ③ Output Cables (Genset 2)



Fan and fan motor



Superior engine



Ventilating fan



Fuel loading system ( Manual/Automatic, Standard configuration)



Interior of the genset



Control panel



Sieve for air inlet and outlet



Built-in sound absorbing cotton

CONTROL SYSTEM



PLC-7420

Powerlink PLC-7420 generator controllers integrating digital, intelligent and network techniques are used as the automatic control systems for diesel generators. It can carry out functions including automatic start/stop, data measure and alarming.

Upon detection of a mains (utility) failure the module automatically starts the generating set. Once the mains (utility) power has been restored it instructs the generator set to stop.

FEATURES

- Microprocessor control, with high stability and credibility .
- Mains supply and generator operation monitoring.
- Indicating operation status and fault conditions.
- Multiple protections; multiple parameters display, such as pressure, temperature.
- Manual and automatic work mode selectable.
- Real time clock for time and date display, overall runtime display, 99 log entries.
- Overall power output display.
- Integral speed/frequency detecting, telling status of start, rated operation, overspeed.
- Communication with PC via RS485 or RS232 interface, using MODBUS protocol.
- Engine ECU is available.
- Common USB cable is usable for parameter configuration.
- Multi languages are available.



PLC-920

PowerLink PLC-920 generator controllers integrating digital, intelligent and network techniques are used as the automatic control systems for diesel generators. It can carry out functions including pre-alarm, warning & electrical trip, fail monitoring and controls etc.

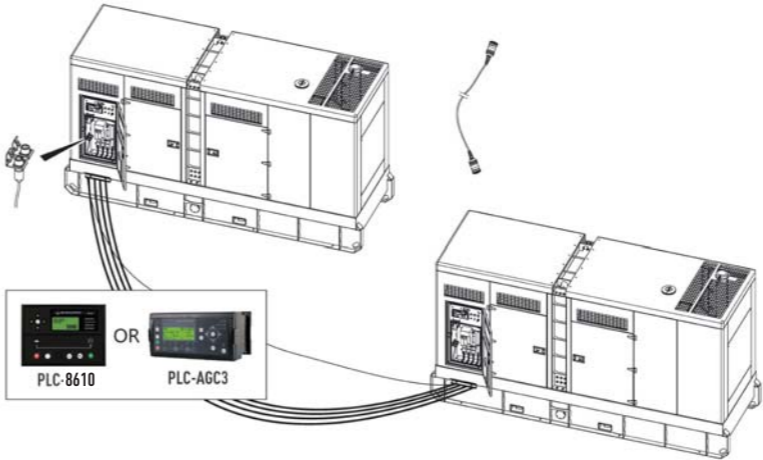
FEATURES

- Parameter configuration via RS-232 serial communication;
- Log last 50 events & alarm information with measured values;
- Statistics records;
- Remote start/stop;
- Speed sensing from alternator voltage or magnetic pickup;
- Configurable 3 inputs and 6 outputs;
- ECU powers, ECU stop, STOP or fuel solenoid selection;
- Automatic transfer switching control and engine control;
- Adjustable start, load and stop timers.



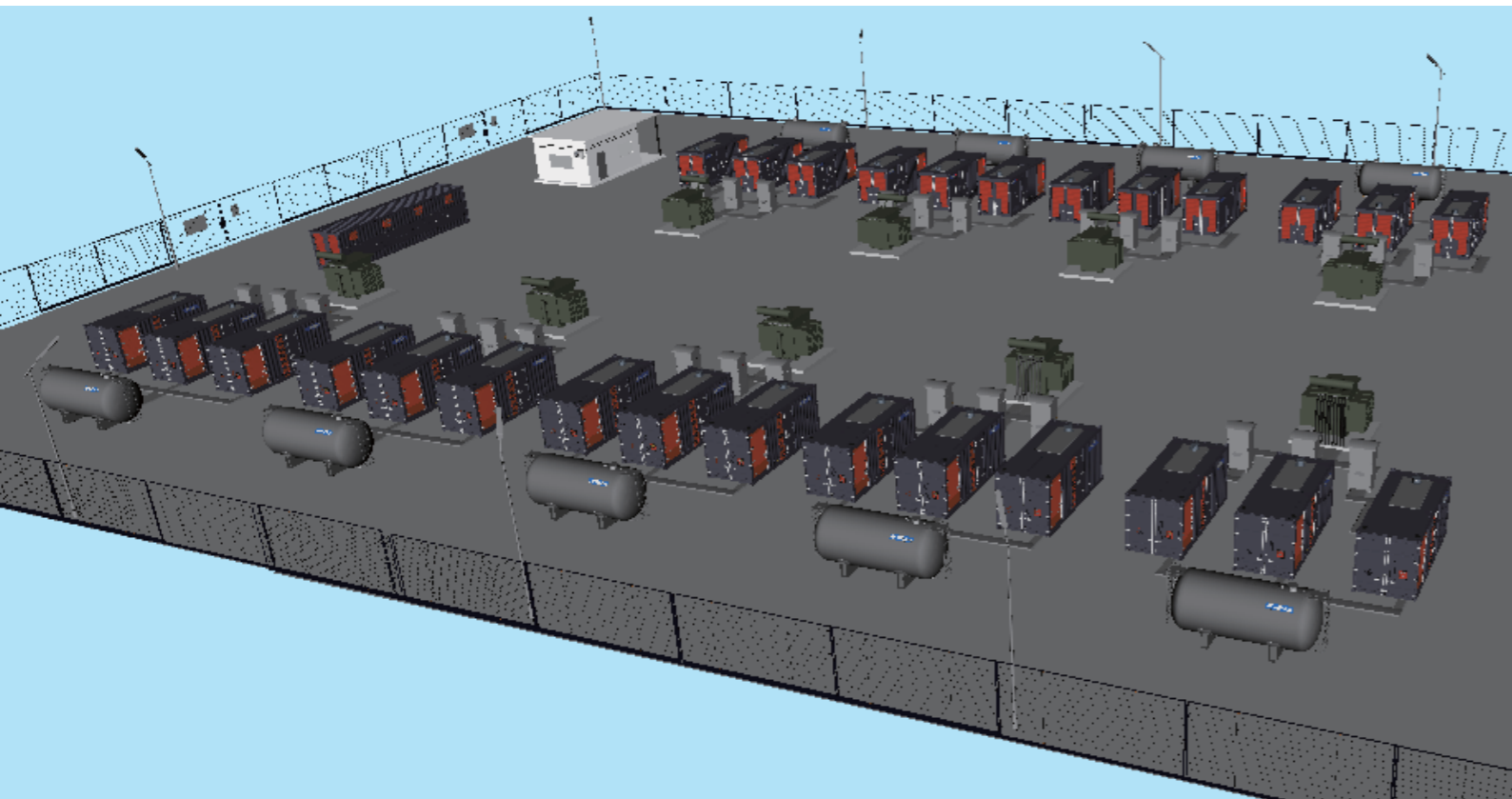
Available for the paralleled control modules (PLC-AGC3 and PLC-8610 optional)

The method is shown as below:



Control System function list				
	MODEL	PLC-7420	PLC-8610	PLC-920
General accessory	Electronic Governing	×	●	×
	Glow plug control	●	●	●
	Cycle Cranking	●	●	●
	(MODBUS) Networking	●	●	×
	Fault History	●	●	●
	manual start/stop	●	●	●
Operator Interface	Auto/remote start	●	●	●
	Regular Test	●	●	●
	Auto operation LED	●	●	●
	Manual operation LED	●	●	●
	Common Shutdown LED	●	●	●
	Common warning LED	●	●	●
	Fail to start LED	●	●	●
	Emergency stop(local)	●	●	●
	Alphanumeric screen	●	●	×
	Remote start input active LED	●	●	×
Measurement and Instrumentation	Alarm reset	●	●	●
	Oil pressure	●	●	●
	Water Temperature	●	●	●
	Engine Speed	●	●	●
	Hours Run	●	●	●
	Number of Starts	●	●	●
	Battery Voltage	●	●	●
	Coolant Temperature	●	●	●
	3Phase-L Voltage&Frequency	●	●	●
	3phase Current	●	●	●
	Frequency	●	●	●
	kWh	●	●	●
	Apparent Power	●	●	●
	Active Power and Reactive Power	●	●	●
	Power Factor	●	●	●
	Per PhasekW, kWh	●	●	●
	Per Phase kVA	●	●	●
	Phase Voltage	●	●	×
	Output Power	●	●	×
	Grid Line Voltage	●	●	×
Shutdown Protection and Indication	Grid Phase Voltage	●	●	×
	Grid Frequency	●	●	×
	Low Fuel Level	●	●	●
	High Fuel Level	○	○	×
	Low Oil Pressure	●	●	●
	High Water Temperature	●	●	●
	Failure to Stop	●	●	●
	Failure to Start	●	●	●
	Controllable start circles/times	●	●	×
	Overspeed	●	●	●
Threshold Warning&Indication	Under&Over Voltage	●	●	●
	Under&Over Frequency	●	●	●
	Overcurrent	●	●	●
	Earth Leakage	○	○	○
	Reverse Power	×	×	×
	Reverse kWh	×	×	×
	Low Oil Pressure	●	●	●
	Low Water Temperature	○	○	○
	High Water Temperature	●	●	●
	Low Water Level	●	●	●
Paralleling capability	Low/High Battery Voltage	●	●	●
	Failure to Charge	●	●	●
	Overcurrent	●	●	●
	Overload	●	●	●
	Genset Under/Over Voltage	●	●	●
	Genset Under/Over Frequency	●	●	●
	under/over Speed	●	●	●
	High Engine Temperature	●	●	●
	Earth Leakage	●	●	○
	Synchroscope(Independent Bus)	×	×	×
Power Transfer Function	Active and Reactive Power Control	×	●	×
	Synchroscope(Shared Bus)	×	●	×
	Synchronization Detector	×	●	×
	Peak Lopping	×	○	×
	Automatic Transfer	●	●	○
	Hard Closed Transition	●	●	●
	Soft Closed Transition	×	×	×
	Gen/Mains Breaker	●	×	×
	Gen/Mains Breaker Status Protection	●	×	×
	Speed/Voltage Control	×	×	×
Monitoring Function	Power Indication	●	●	×
	Fuel&Solenoid Valve Control	●	●	●
	Starter Control	●	●	○
	Preheating	○	○	○
	Mains Transfer Switch (Standard)	●	●	×
	Mains Transfer Switch (Emergency)	●	●	×
	Operating Temperature (-40℃~70℃)	●	●	●
	Ambient Temperature (-25℃~45℃)	●	●	●
	Humidity<=80%	●	●	●
	Grid Over/Under Voltage Control	●	●	×
Environment	Grid Over/Under Frequency Control	●	●	×
	Remote Start Output(Load/No-load)	●	●	●
	Optional Relay Output	●	●	●
	Remote Telecom Control with All Functions	●	●	×
	Engine Instrument Monitoring	●	●	●
	Alternator Output Instrument Monitoring	●	●	●
	Connection Point with All-around Setting For 6 Users	●	●	●
	3 Users Input Connection Point	●	●	●
	LCD Light Control of Low Light Operation Environment	●	●	●
	Safe PIN Code	●	●	●
Monitoring Function	RS232/485 Interface	●	●	×
	Language Selection	●	●	●
	Multi-Language Function	●	●	●
		●	●	●

# PARALLELING SWITCHGEAR



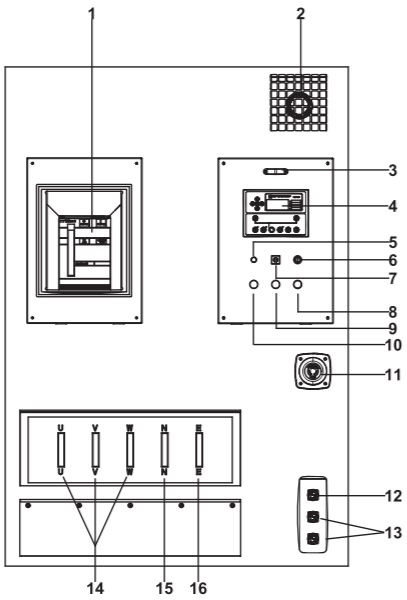
## DESCRIPTION

By using inbuilt device with synchronization, power matching and paralleling functions, the controller can be synchronized with the mains, uninterruptedly returning when reaching the peak;

Can parallel up to 32 generator sets as a group.

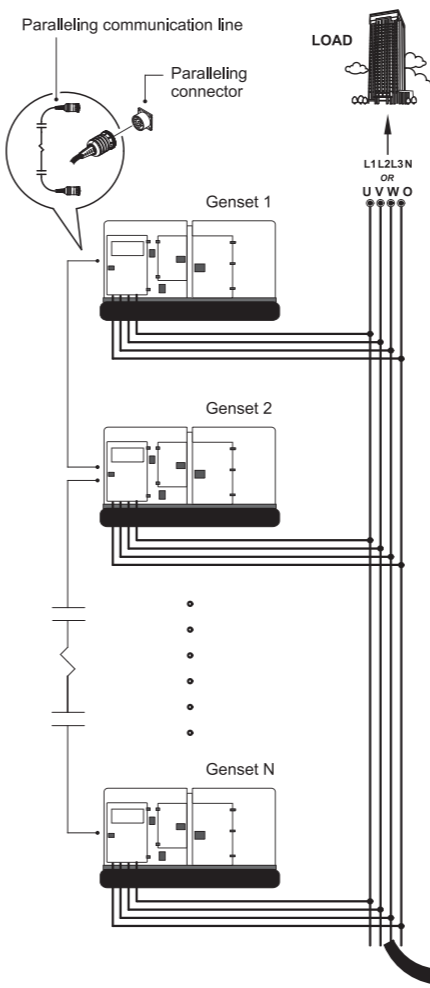
## FEATURES

- Multiple languages display;
- Root mean square value voltage measurement;
- Optional power measurement device;
- Optional communication ability function, automatic synchronization indication function;
- Inbuilt or expansion relay outputs.



Control & Field Wiring Cabinet

Ref.	Description
1	Main circuit breaker
2	Alarm indicator
3	Control panel lamp
4	PLC-8610 control module
5	Charge indicator
6	Key switch
7	Control panel lamp switch
8	Alarm reset button
9	Genset close indicator
10	Genset open indicator
11	Emergency stop button
12	Mains input/ remote communication connector
13	2xparalleling communication connectors
14	Live wire terminals
15	Neutral wire terminal
16	Ground wire terminals



## NOTE:

Each genset is equipped with two paralleling communication connectors, and the user can parallel two or more gensets by using the paralleling communication line.

### 1. Load Connecting

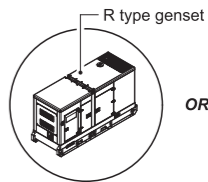
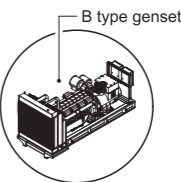
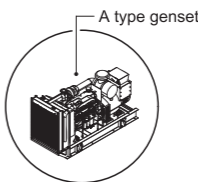
- 1) Use appropriate cables to connect the corresponding power terminals (L1,L2,L3,LN) on gensets to the busbar.
- 2) Connect the busbar to the load.

### 2. Paralleling Communication Connecting

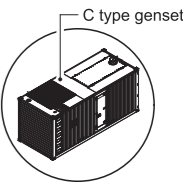
- 1) Use the paralleling communication line to connect the two paralleling connectors on genset 1 and genset 2.
- 2) In the same way connect paralleling connectors between every two gensets form genset 2 to last.

Number of paralleling gensets is different according to control module used in the genset.

Control Module	PLC-8610	PLC-AGC3
Max. number of paralleling units	32	256



OR



## HUMANIZED OPERATION: DIGITAL HUMAN OPERATION INTERFACE

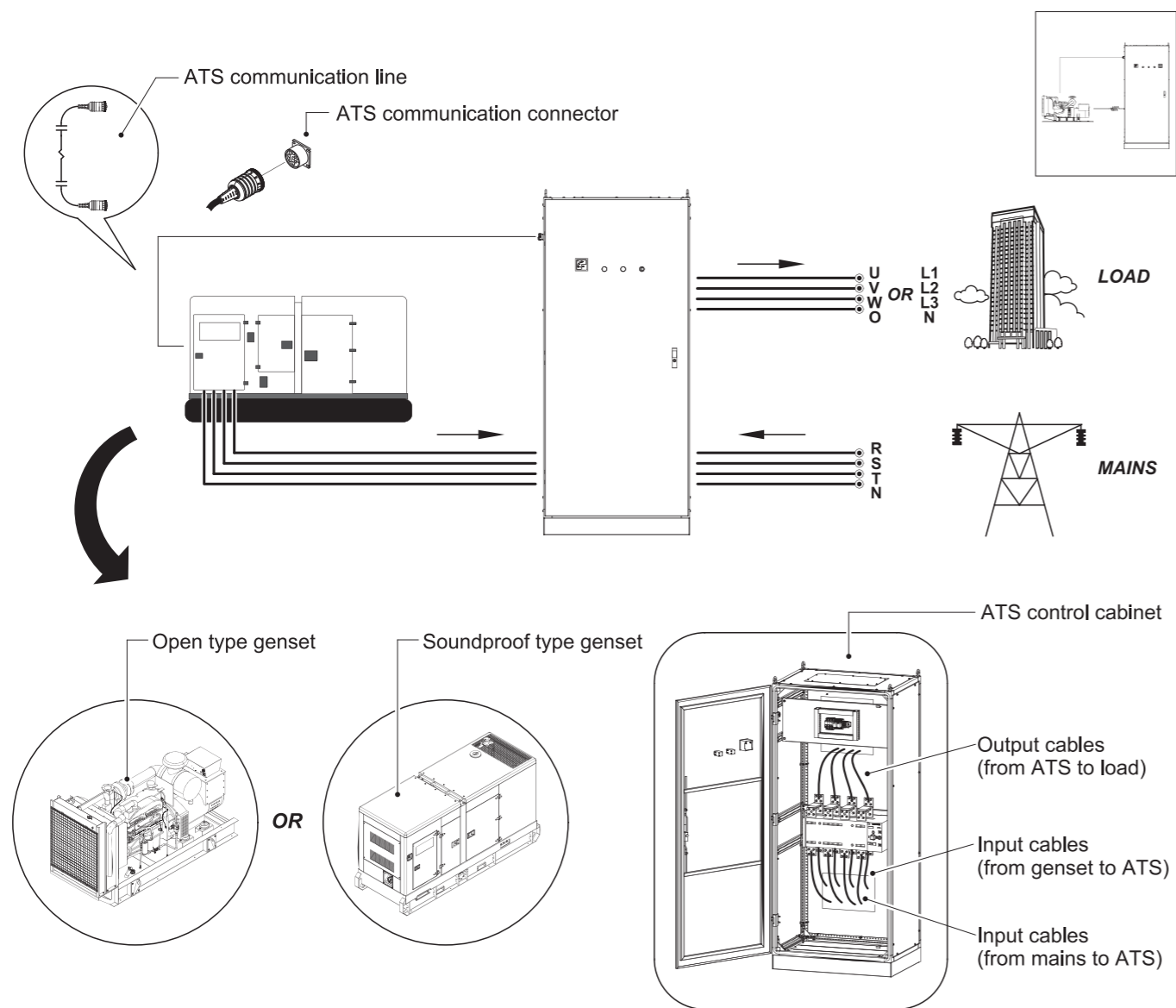
LED/LCD display	Functions and protections	
<ul style="list-style-type: none"><li>• Voltage</li><li>• Amperage</li><li>• Frequency</li><li>• kw</li><li>• kVAr</li><li>• Power factor</li><li>• Synchroscope</li></ul>	<ul style="list-style-type: none"><li>• Reverse power</li><li>• Dead bus sensing</li><li>• Voltage matching</li><li>• Frequency matching</li><li>• Phase angle matching</li></ul>	<ul style="list-style-type: none"><li>• Ramp control</li><li>• Blend control</li><li>• Circuit breaker closing ontract</li><li>• Engine speed control</li></ul>

\* For more information, please refer to relevant information about Control System and Module.

Containerized Paralleling Control System Switch Cabinet				
Current (A)	Speed Type	Control Voltage	Paralleling Control (Quantity : 1 units/cabinet)	Poles
			Control Systems	
2000	E	24V	PLC-8610	3P
2000	EFI	24V	PLC-8610	3P
2500	E	24V	PLC-8610	3P
2500	EFI	24V	PLC-8610	3P
3200	E	24V	PLC-8610	3P
3200	EFI	24V	PLC-8610	3P

Silent R Paralleling Control System Switch Cabinet				
Current (A)	Speed Type	Control Voltage	Paralleling Control (Quantity : 1 units/cabinet)	Poles
			Control System	
400	E	24V	PLC-8610	3P
400	EFI	24V	PLC-8610	3P
500	E	24V	PLC-8610	3P
500	EFI	24V	PLC-8610	3P
630	E	24V	PLC-8610	3P
630	EFI	24V	PLC-8610	3P
800	E	24V	PLC-8610	3P
800	EFI	24V	PLC-8610	3P
1000	E	24V	PLC-8610	3P
1000	EFI	24V	PLC-8610	3P
1250	E	24V	PLC-8610	3P
1250	EFI	24V	PLC-8610	3P
1600	E	24V	PLC-8610	3P
1600	EFI	24V	PLC-8610	3P

# AUTO TRANSFER SWITCH (ATS)



## FEATURES

- Sheet steel lockable enclosure with hinged door
- Finished in RAL7035 textured powder-coat
- Removable base gland plate for cable entry/exit on all ratings
- Additional top gland plate on all ratings of 160A and above
- Control segregation and secondary screening on all ratings of 160A and above
- Voltmeter (0-500) across L1-L2 on load output
- Load transfer push buttons
- 22.5mm multi-head LED indicators for "mains on load" and "generator on load"
- Interface to PowerLink generator control panel
- Suitably rated earth bar



## 50/60 Hz, 20-3200 Amps

Model		P20A	P40A	P63A	P80A	P100A	P125A	P160A	P250A	P400A	P630A	P800A	P1000A	P1250A	P1600A	P2000A	P2500A	P3200A
Rated Thermal Current Ith		20A	40A	63A	80A	100A	125A	160A	250A	400A	630A	800A	1000A	1250A	1600A	2000A	2500A	3200A
Rated Isolation Voltage Ui		750V	750V	750V	750V	750V	750V	750V	750V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
Rated Impulse Withstand Voltage Uimp		8KV	8KV	8KV	8KV	8KV	8KV	8KV	8KV	12KV	12KV	12KV	12KV	12KV	12KV	12KV	12KV	12KV
Rated Operating Voltage Ue		AC440V	AC440V	AC440V	AC440V	AC440V	AC440V	AC440V	AC440V	AC440V	AC440V	AC440V	AC440V	AC440V	AC440V	AC440V	AC440V	AC440V
Rated Operating Current Ie	AC-31A	20	40	63	80	100	125	160	250	400	630	800	1000	1250	1600	2000	2500	3200
	AC-35A	20	40	63	80	100	125	160	250	400	630	800	1000	1250	1600	2000	2500	3200
	AC-33A	20	40	63	80	100	125	160	250	400	630	800	1000	1250	1600	2000	2500	3200
Rated Ability to Connect		10Ie	10Ie	10Ie	10Ie	10Ie	10Ie	10Ie	10Ie	10Ie	10Ie	10Ie	10Ie	10Ie	10Ie	10Ie	10Ie	10Ie
Breaking Capacity of Rated Limit Short-Circuit		8Ie	8Ie	8Ie	8Ie	8Ie	8Ie	8Ie	8Ie	8Ie	8Ie	8Ie	8Ie	8Ie	8Ie	8Ie	8Ie	8Ie
Rated Limit Short-Circuit Current		100KA	100KA	100KA	100KA	100KA	100KA	100KA	100KA	100KA	100KA	100KA	70KA	100KA	120KA	80KA	80KA	80KA
Short-Time With Stand Current IS		7KA	7KA	7KA	7KA	7KA	7KA	9KA	9KA	9KA	9KA	9KA	13KA	26KA	50KA	55KA	55KA	55KA
Switch Time I-II or II-I		0.45S	0.45S	0.45S	0.45S	0.45S	0.45S	0.45S	0.45S	0.45S	0.45S	0.45S	0.6S	0.6S	0.6S	0.6S	0.6S	0.6S
Control Input Voltage		AC220V	AC220V	AC220V	AC220V	AC220V	AC220V	AC220V	AC220V	AC220V	AC220V	AC220V	AC220V	AC220V	AC220V	AC220V	AC220V	AC220V
Dimension （mm）	L	645.2	645.2	645.2	645.2	645.2	645.2	645.2	645.2	725.2	725.2	905.2	905.2	905.2	1000	1000	1000	1000
	W	325.5	325.5	325.5	325.5	325.5	325.5	325.5	325.5	502	502	631.5	631.5	631.5	800	800	800	800
	H	580	580	580	580	580	580	580	580	580	1649	1649	2026	2026	2026	1927	1927	1927
Rated Control Voltage	Start	300W	300W	300W	300W	300W	300W	300W	300W	300W	300W	325W	355W	400W	440W	600W	600W	600W
	Normal	55W	55W	55W	55W	55W	55W	55W	55W	55W	55W	62W	74W	90W	98W	120W	120W	120W
Weight (kg)	SYK14 Poles	7	7.2	7.2	7.2	7.5	7.5	8.8	9	16.5	17	32	36	40	49	95	98	135

# Specification and Configuration

Powered by Cummins Engines

50Hz



CIRCUIT BREAKER

ELECTRIC START

DC.12/24V

Features:

- Excitation system: self-excited (AREP and PMG are optional)
  - ATS (automatic transfer switch) receptacle
  - Lockable battery isolator switch
  - Stainless galvanized zinc plates with strong corrosion resistance
  - PLC920 or PLC7420 for remote control
  - Vibration isolators between the engine/alternator and base frame
  - Integrated wiring design
  - Noise level: 55-70 dBA@7m (for soundproof type)
- Base fuel tank for at least 8 hours running
  - Equipped with an industrial muffler
  - Engine oil pump
  - 50 °C radiator
  - Top lifting and steel base frame with forklift holes
  - Drainage for fuel tank
  - Complete protection functions and safety labels
  - IP54 (soundproof sets), IP56 (control system)
  - Water jacket preheater, oil heater and double air cleaner, etc. are available.

22-30kVA

Single-phase 50Hz, 1500RPM

Model	Prime Power		Standby Power		Engine	Alternator	Open sets			Soundproof sets			ATS
	kVA	kW	kVA	kW			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	
PC22/S	24	19.2	26	21	4B3.9-G1	PI144J	1895*696*1400	697	120	2338*1080*1560	1198	190	P125A
PC30/S	30	24	33	26	4B3.9-G1	PI144K	2023*790*1425	813	250	2688*1081*1710	1457	240	P160A

Three-phase 50Hz, 1500RPM

GMS22C/S	23	18	25	20	4B3.9-G1	PI144E	1895*696*1400	697	120	2338*1100*1560	1201	240	P40A
GMS30C/S	30	24	33	26	4B3.9-G1	PI144G	1906*704*1401	730	120	2338*1100*1560	1226	240	P63A

42-100kVA

Single-phase 50Hz, 1500RPM

Model	Prime Power		Standby Power		Engine	Alternator	Open sets			Soundproof sets			ATS
	kVA	kW	kVA	kW			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	
PC42/S	43	34	47	37	4BT3.9-G1	UCI224E	1720*742*1305	856	220	2688*1112*1759	1573	360	P250A
PC60/S	60	48	66	53	4BTA3.9-G2	UCI224C	1770*742*1427	899	220	2688*1100*1757	1570	360	P400A

Three-phase 50Hz, 1500RPM

GMS42C/S	43	34	47	37	4BT3.9-G1	PI144K	2002*7998*1365	806	250	2688*1100*1708	1423	280	P80A
GMS60C/S	60	48	66	53	4BTA3.9-G2	UCI224E	1842*797*1437	918	226	2688*1112*1749	1563	360	P125A
GMS80C/S	80	64	88	70	6BT5.9-G1	UCI224G	2156*881*1495	1201	208	3162*1172*1971	2121	530	P160A
GMS100C/S	100	80	110	88	6BT5.9-G1	UCI274C	2110*891*1530	1221	380	3038*1197*1797	1995	250	P250A
GMS100C/S	100	80	110	88	6BT5.9-G2	UCI274C	2110*891*1530	1231	380	3162*1122*1834	2056	280	P250A

x: Impossible

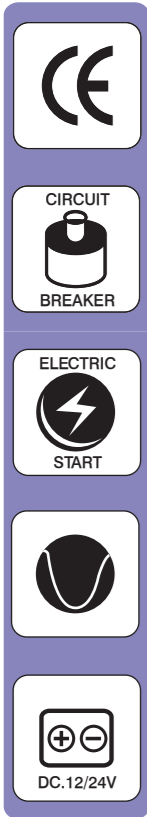
Notes:

- All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.
- All ratings data is based on operation under ISO 8528, ISO 3046, DIN6271 conditions using typical fan sizes and drive ratios. Performance tolerance quoted by PowerLink is ±5%.
- Prime Power = Power at available load in lieu of main power network. An overload of 10% permitted for one hour in every twelve hours of operation.
- Standby Power = Power available at a variable load in the event of a main power network failure up to a maximum of 500 hours per year. No over load is permitted.
- Rated power factor: 0.80.
- The ATS is based on the following standards: three phase gensets (380-480V), single phase gensets (220-240V).
- Also available in the following voltages: 1P 220V/230V/240V; 3P 380V/220V, 400V/230V, 415V/240V/, 440V/254V.

# Specification and Configuration

Powered by Cummins Engines

50Hz



### Features:

- ◆ Excitation system: self-excited (AREP and PMG are optional)
- ◆ ATS (automatic transfer switch) receptacle
- ◆ Lockable battery isolator switch
- ◆ Stainless galvanized zinc plates with strong corrosion resistance
- ◆ PLC920 or PLC7420 for remote control
- ◆ Vibration isolators between the engine/alternator and base frame
- ◆ Integrated wiring design
- ◆ Noise level: 65-78 dBA@7m (for soundproof type)
- ◆ Base fuel tank for at least 8 hours running
- ◆ Equipped with an industrial muffler
- ◆ Engine oil pump
- ◆ 50 °C radiator
- ◆ Top lifting and steel base frame with forklift holes
- ◆ Drainage for fuel tank
- ◆ Complete protection functions and safety labels
- ◆ IP54 (soundproof sets), IP56 (control system)
- ◆ Water jacket preheater, oil heater and double air cleaner, etc. are available.

## 130-250kVA

Three-phase 50Hz, 1500RPM

Model	Prime Power		Standby Power		Engine	Alternator	Open sets			Soundproof sets			ATS
	kVA	kW	kVA	kW			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	
GMS130C/S	130	104	143	114	6BTAA5.9-G2	UCI274E	2316*820*1540	1310	260	3312*1212*1974	2248	620	P250A
GMS175C/S	175	140	193	154	6CTA8.3-G2	UCI274G	2353*921*1675	1709	290	3442*1300*1851	2618	500	P400A
GMS200C/S	200	160	220	176	6CTAA8.3-G2	UCI274H	2290*810*1656	1799	335	3592*1300*1840	2699	510	P400A
GMS250CL/S	250	200	275	220	6LTAA8.9-G2	UCDI274K	2562*1046*1861	1991	540	3662*1362*1958	2884	500	P630A
GMS250C/S	250	200	275	220	NT855-GA	UCDI274K	2932*1277*1828	2712	410	4242*1456*2270	4213	661	P630A

## 312-650kVA

Three-phase 50Hz, 1500RPM

Model	Prime Power		Standby Power		Engine	Alternator	Open sets			Soundproof sets			ATS
	kVA	kW	kVA	kW			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	
GMS312C/S	312	250	344	275	NTA855-G1B	HCI444ES	3030*1276*1830	3042	410	4242*1400*2280	4546	661	P630A
GMS350C/S	350	280	385	308	NTA855-G2A	HCI444E	3031*1278*1830	3040	410	4242*1400*2312	4586	880	P630A
GMS350C/S	350	280	385	308	NTA855-G4	HCI444E	3031*1278*1830	3040	410	4242*1400*2286	4840	826	P630A
GMS375C/S	375	300	413	330	NTAA855-G7	HCI444FS	3233*1278*1831	3060	410	4422*1450*2410	4749	800	P630A
GMS450C/S	N/A	N/A	450	360	NTAA855-G7A	HCI544C	3350*1458*2194	4040	940	4250*1470*2310	4688.5	900	P800A
GMS450C/S	450	360	495	396	KTA19-G3	HCI544C	3233*1278*1826	3053	410	4512*1500*2559	6104	1016	P800A
GMS500C/S	500	400	550	440	KTA19-G4	HCI544D	3385*1460*2194	4243	940	4512*1500*2560	6208	1016	P1000A
GMS575C/S	575	460	633	506	KTAA19-G6	HCI544E	3565*1690*2363	4582	940	4792*1950*2546	7392	945	P1000A
GMS650C/S	N/A	N/A	650	520	KTA19-G8	HCI544FS	3385*1460*2200	4245	940	4842*2010*2686	7228	1020	P1000A
GMS650C/S	650	520	715	572	QSKTAA19-G3 NR2	HCI544F	3385*1460*2200	4250	950	4512*1500*2560	6088	970	P1250A

x: Impossible

Notes:

- All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.
- All ratings data is based on operation under ISO 8528, ISO 3046, DIN6271 conditions using typical fan sizes and drive ratios. Performance tolerance quoted by PowerLink is ±5%.
- Prime Power = Power at available load in lieu of main power network. An overload of 10% permitted for one hour in every twelve hours of operation.
- Standby Power = Power available at a variable load in the event of a main power network failure up to a maximum of 500 hours per year. No over load is permitted.
- Rated power factor: 0.80.
- The ATS is based on the following standards: three phase gensets (380-480V), single phase gensets (220-240V).
- Also available in the following voltages: 1P 220V/230V/240V; 3P 380V/220V, 400V/230V, 415V/240V, 440V/254V.

# Specification and Configuration

Powered by Cummins Engines

50Hz



CIRCUIT  
BREAKER

ELECTRIC  
START

DC.12/24V

### Features:

- Excitation system: self-excited (AREP and PMG are optional)
- ATS (automatic transfer switch) receptacle
- Lockable battery isolator switch
- Stainless galvanized zinc plates with strong corrosion resistance
- PLC920 or PLC7420 for remote control
- Vibration isolators between the engine/alternator and base frame
- Integrated wiring design
- Noise level: 70-85 dBA@7m (for soundproof type)
- Base fuel tank for at least 8 hours running
- Equipped with an industrial muffler
- Engine oil pump
- 50 °C radiator
- Top lifting and steel base frame with forklift holes
- Drainage for fuel tank
- Complete protection functions and safety labels
- IP54 (soundproof sets), IP56 (control system)
- Water jacket preheater, oil heater and double air cleaner, etc. are available.

## 750-1000kVA

Three-phase 50Hz, 1500RPM

Model	Prime Power		Standby Power		Engine	Alternator	Open sets			Soundproof sets			ATS
	kVA	kW	kVA	kW			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	
GMS750C/S	750	600	825	660	KTA38-G2	LVI634B	3950*1350*2382	7077	1250	6058*2438*2730	12100	1150	P1600A
GMS800C/S	800	640	880	704	KTA38-G2B	LVI634C	4440*1720*2425	6607	/	6058*2438*2725	12085	1150	P1600A
GMS900C/S	900	720	990	792	KTA38G2A	LVI634D	4450*1720*2425	6618	/	6058*2438*2725	12120	1150	P1600A
GMS1000C/S	1000	800	1100	880	KTA38-G5	LVI634E	4650*2060*2410	7638	5500	6058*2338*2790	12465	1150	P2000A

## 1250-1500kVA

Three-phase 50Hz, 1500RPM

Model	Prime Power		Standby Power		Engine	Alternator	Open sets			Soundproof sets			ATS
	kVA	kW	kVA	kW			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	
GMS1250C/S	N/A	N/A	1250	1000	KTA38-G9	LVI634G	5088*2110*2230	9660	/	6058*2438*2830	15308	1500	P2000A
GMS1250C/S	1250	1000	1375	1100	KTA50-G3	LVI634G	5280*2200*2480	10800	/	6058*2438*2795	15310	1500	P2500A
GMS1400C/S	1400	1120	1540	1232	KTA50-G8	PI734B	5362*2110*2556	9832	/	6058*2438*2795	15310	1500	P2500A
GMS1500C/S	1500	1200	1650	1320	KTA50-GS8	PI734C	5362*2110*2556	9832	/	6058*2438*2801	16468	900	P3200A

x: Impossible

- Notes:
- All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.
  - All ratings data is based on operation under ISO 8528, ISO 3046, DIN6271 conditions using typical fan sizes and drive ratios. Performance tolerance quoted by PowerLink is ±5%.
  - Prime Power = Power at available load in lieu of main power network. An overload of 10% permitted for one hour in every twelve hours of operation.
  - Standby Power = Power available at a variable load in the event of a main power network failure up to a maximum of 500 hours per year. No over load is permitted.
  - Rated power factor: 0.80.
  - The ATS is based on the following standards: three phase gensets (380-480V), single phase gensets (220-240V).
  - Also available in the following voltages: 1P 220V/230V/240V; 3P 380V/220V, 400V/230V, 415V/240V, 440V/254V.

# Specification and Configuration

Powered by Cummins Engines

60Hz



### Features:

- ◆ Excitation system: self-excited (AREP and PMG are optional)
  - ◆ ATS (automatic transfer switch) receptacle
  - ◆ Lockable battery isolator switch
  - ◆ Stainless galvanized zinc plates with strong corrosion resistance
  - ◆ PLC920 or PLC7420 for remote control
  - ◆ Vibration isolators between the engine/alternator and base frame
  - ◆ Integrated wiring design
  - ◆ Noise level: 55-70 dBA@7m (for soundproof type)
- ◆ Base fuel tank for at least 8 hours running
  - ◆ Equipped with an industrial muffler
  - ◆ Engine oil pump
  - ◆ 50 °C radiator
  - ◆ Top lifting and steel base frame with forklift holes
  - ◆ Drainage for fuel tank
  - ◆ Complete protection functions and safety labels
  - ◆ IP54 (soundproof sets), IP56 (control system)
  - ◆ Water jacket preheater, oil heater and double air cleaner, etc. are available.

## 26-31kVA

Single-phase 60Hz, 1800RPM

Model	Standby Power		Prime Power		Engine	Alternator	Open sets			Soundproof sets			ATS	
	kW	kVA	kW	kVA			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	208V*	220V*
PC26S6/S	25	32	23	29	4B3.9-G1	PI144K	1895*696*1400	697	120	2558*1081*1708	1408	270	x	P160A
PC30S6/S	31	39	28	35	4B3.9-G1	UCI224D	2023*790*1425	813	250	2688*1081*1710	1457	240	x	P250A

Three-phase 60Hz, 1800RPM

GMS26C6/S	25	32	23	29	4B3.9-G1	PI144E	1895*696*1400	707	120	2588*1050*1709	1367	270	P100A	x
GMS31C6/S	31	39	28	35	4B3.9-G1	PI144G	1894*699*1400	723	120	2588*1050*1709	1367	270	P125A	x

## 45-105kVA

Single-phase 60Hz, 1800RPM

Model	Standby Power		Prime Power		Engine	Alternator	Open sets			Soundproof sets			ATS	
	kW	kVA	kW	kVA			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	208V*	220V*
PC45S6/S	44	55	40	50	4BT3.9-G1	UCI224F	1720*742*1305	856	220	2688*1112*1758	1545	360	x	P250A
PC66S6/S	64	80	58	73	4BTA3.9-G2	UCI274D	1720*742*1305	856	220	2942*1212*1768	2013	485	x	P400A
PC105S6/S	97	121	88	110	6BT5.9-G2	UCI274G	2106*884*1540	1241	213	3312*1150*1831	2250	300	x	P630A

Three-phase 60Hz, 1800RPM

GMS45C6/S	44	55	40	50	4BT3.9-G1	PI144K	2012*796*1366	814	250	2688*1050*1708	1425	280	P160A	x
GMS66C6/S	64	80	58	73	4BTA3.9-G2	UCI224E	1842*797*1437	907	226	2688*1081*1758	1568	360	P250A	x
GMS95C6/S	97	121	88	110	6BT5.9-G2	UCI274C	2106*884*1540	1241	213	3312*1205*1834	2081	300	P400A	x

x: Impossible

Notes:

- All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.
- All ratings data is based on operation under ISO 8528, ISO 3046, DIN6271 conditions using typical fan sizes and drive ratios. Performance tolerance quoted by PowerLink is ±5%.
- Prime Power = Power at available load in lieu of main power network. An overload of 10% permitted for one hour in every twelve hours of operation.
- Standby Power = Power available at a variable load in the event of a main power network failure up to a maximum of 500 hours per year. No over load is permitted.
- Rated power factor: 0.80.
- The ATS is based on the following standards: three phase gensets (380-480V), single phase gensets (220-240V).
- Also available in the following voltages: 1P 220V/230V/240V; 3P 380V/220V, 400V/230V, 415V/240V/, 440V/254V.

# Specification and Configuration

Powered by Cummins Engines

60Hz



CIRCUIT BREAKER

ELECTRIC START

DC.12/24V

Features:

- ◆ Excitation system: self-excited (AREP and PMG are optional)
  - ◆ ATS (automatic transfer switch) receptacle
  - ◆ Lockable battery isolator switch
  - ◆ Stainless galvanized zinc plates with strong corrosion resistance
  - ◆ PLC920 or PLC7420 for remote control
  - ◆ Vibration isolators between the engine/alternator and base frame
  - ◆ Integrated wiring design
  - ◆ Noise level: 65-78 dBA@7m (for soundproof type)
- ◆ Base fuel tank for at least 8 hours running
  - ◆ Equipped with an industrial muffler
  - ◆ Engine oil pump
  - ◆ 50 ℃ radiator
  - ◆ Top lifting and steel base frame with forklift holes
  - ◆ Drainage for fuel tank
  - ◆ Complete protection functions and safety labels
  - ◆ IP54 (soundproof sets), IP56 (control system)
  - ◆ Water jacket preheater, oil heater and double air cleaner, etc. are available.

125-220kVA

Three-phase 60Hz, 1800RPM

Model	Standby Power		Prime Power		Engine	Alternator	Open sets			Soundproof sets			ATS	
	kW	kVA	kW	kVA			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	208V*	480V*
GMS125C6/S	123	154	112	140	6BTAA5.9-G2	UCI274D	2204*949*1540	1253	225	3312*1150*1831	2078	300	P400A	x
GMS165C6/S	165	206	150	188	6CTA8.3-G2	UCI274F	2305*935*1675	1663	290	3442*1300*1850	2568	500	P630A	x
GMS200C6/S	198	248	180	225	6CTAA8.3-G2	UCI274G	2450*999*1667	1760	335	3592*1300*1841	2648	510	P630A	x
GMS240C6/S	242	303	220	275	6LTAA8.9-G2	UCDI274J	2560*999*1767	1926	350	3662*1367*1960	2862	500	P800A P400A	
GMS220C6/S	220	275	N/A	N/A	NT855-GA	UCDI274J	2932*1277*1828	2712	410	4242*1456*2270	4213	661	P800A P400A	

300-500kVA

Three-phase 60Hz, 1800RPM

Model	Standby Power		Prime Power		Engine	Alternator	Open sets			Soundproof sets			ATS	
	kW	kVA	kW	kVA			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	208V*	480V*
GMS300C6/S	308	385	280	350	NTA855-G1B	HCI444D	3031*1280*1830	2973	410	4242*1400*2270	4785	661	P1250A P630A	
GMS350C6/S	352	440	320	400	NTA855-G3	HCI444ES	3031*1278*1830	3059	410	4422*1508*2312	4658	800	P1250A P630A	
GMS400C6/S	386	483	351	439	KTA19-G2	HCI444E	3350*1458*2194	4040	940	4512*1556*2555	5604	1020	P1600A P630A	
GMS450C6/S	451	564	410	512	KTA19-G3	HCI444F	3350*1458*2194	4040	940	4512*1556*2555	5604	1020	P1600A P800A	
GMS500C6/S	495	619	450	563	KTA19-G4	HCI544C	3384*1458*2194	4250	940	4512*1500*2553	6129	1020	P2000A P800A	

x: Impossible

Notes:

- All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.
- All ratings data is based on operation under ISO 8528, ISO 3046, DIN6271 conditions using typical fan sizes and drive ratios. Performance tolerance quoted by PowerLink is ±5%.
- Prime Power = Power at available load in lieu of main power network. An overload of 10% permitted for one hour in every twelve hours of operation.
- Standby Power = Power available at a variable load in the event of a main power network failure up to a maximum of 500 hours per year. No over load is permitted.
- Rated power factor: 0.80.
- The ATS is based on the following standards: three phase gensets (380-480V), single phase gensets (220-240V).
- Also available in the following voltages: 1P 220V/230V/240V; 3P 380V/220V, 400V/230V, 415V/240V/, 440V/254V.

# Specification and Configuration

Powered by Cummins Engines

60Hz



CIRCUIT BREAKER

ELECTRIC START

DC.12/24V

### Features:

- Excitation system: self-excited (AREP and PMG are optional)
  - ATS (automatic transfer switch) receptacle
  - Lockable battery isolator switch
  - Stainless galvanized zinc plates with strong corrosion resistance
  - PLC920 or PLC7420 for remote control
  - Vibration isolators between the engine/alternator and base frame
  - Integrated wiring design
  - Noise level: 70-85 dBA@7m (for soundproof type)
- Base fuel tank for at least 8 hours running
  - Equipped with an industrial muffler
  - Engine oil pump
  - 50 °C radiator
  - Top lifting and steel base frame with forklift holes
  - Drainage for fuel tank
  - Complete protection functions and safety labels
  - IP54 (soundproof sets), IP56 (control system)
  - Water jacket preheater, oil heater and double air cleaner, etc. are available.

## 680-1020kVA

Three-phase 60Hz, 1800RPM

Model	Standby Power		Prime Power		Engine	Alternator	Open sets			Soundproof sets			ATS	
	kW	kVA	kW	kVA			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	416V*	480V*
GMS680C6/S	682	852.5	620	775	KT38-G	HCI544F	4146*1720*2424	6320	/	6060*2400*2600	12192	1150	P1250A	P1250A
GMS800C6/S	797.5	996.9	725	906	KTA38-G2	LVI634C	4330*1750*2537	7176	1300	6058*2438*2725	12192	1150	P1600A	P1250A
GMS880C6/S	880	1100	800	1000	KTA38-G2A	LVI634D	4333*2060*2424	6707	/	6060*2400*2600	12192	1150	P1600A	P1600A
GMS1020C6/S	1020	1275	927	1159	KTA38-G4	LVI634E	4412*2060*2404	7411	1300	6060*2400*2600	12804	1250	P2000A	P1600A

## 680-1020kVA

Three-phase 60Hz, 1800RPM

Model	Standby Power		Prime Power		Engine	Alternator	Open sets			Soundproof sets			ATS	
	kW	kVA	kW	kVA			L*W*H(mm)	Weight(kg)	Tank(L)	L*W*H(mm)	Weight(kg)	Tank(L)	416V*	480V*
GMS1100C6/S	1100	1375	N/A	N/A	KTA38-G9	LVI634G	4412*2060*2404	7411	1300	6060*2400*2600	15039	1500	P2000A	P2000A
GMS1100C6/S	1100	1375	1000	1250	KTA50-G3	LVI634F	5362*2110*2556	9812	/	6060*2400*2600	15039	1500	P2000A	P2000A
GMS1375C6/S	1375	1719	1250	1562.5	KTA50-G9	PI734B	5362*2110*2556	9812	/	6060*2400*2600	15500	1350	P2500A	P2500A

x: Impossible

- Notes:
- All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.
  - All ratings data is based on operation under ISO 8528, ISO 3046, DIN6271 conditions using typical fan sizes and drive ratios. Performance tolerance quoted by PowerLink is ±5%.
  - Prime Power = Power at available load in lieu of main power network. An overload of 10% permitted for one hour in every twelve hours of operation.
  - Standby Power = Power available at a variable load in the event of a main power network failure up to a maximum of 500 hours per year. No over load is permitted.
  - Rated power factor: 0.80.
  - The ATS is based on the following standards: three phase gensets (380-480V), single phase gensets (220-240V).
  - Also available in the following voltages: 1P 220V/230V/240V; 3P 380V/220V, 400V/230V, 415V/240V/, 440V/254V.

TRAILER



TRAILER CONFIGURATION

Trailer Type	Configuration
Running speed ≤ 80(km/h)	Including taillight, taillight connector, taillight wiring harness and outrigger.
Running speed ≤ 30(km/h)	Including reflector, rubber sealing plug, outrigger, fender, block and fixed bolt.

PARKING BRaking

- No service braking for below 0.75T, mechanical braking for trailer from 0.75T to 3.5T;
- No hand brake for below 0.75T, as for above 0.75T, hanging and semi-hanging trailers are equipped with Parking braking and chock.
- Braking device must ensure reliable braking from up and down when trailer is on the 26% (15°) slope.
- Off-road standard trailer has no service braking.

GROUND CLEARANCE

- Regarding intensive trailer, within 1m range between front and back of axle, ground clearance is larger than 100mm.
- As for discrete trailer, with respect to over 1m distance between centers of two nearby axles, 33.33mm ground clearance should be increased for each exceeded 1m.

WHEEL ADN TYRE

Adopt vacuum tyre



TRAFFICABILITY

- Distance between base and floor is greater than 250mm;
- The angle between axle's front and rear parts and tangent surface and floor is larger than 19°.

DRAW BAR SAFETY CHAIN LINKAGE

- The chain won't link with trailer forever through hook;
- Radial drawing force—1.5x9.81xATM (N);
- Vertical drawing force—0.5x9.81xATM (N);
- ATM—total weight of trailer and tractor when overloading.
- Safety chain linkage can independently bear the following external forces without causing transformation,flaw or breakage:



EXCELLENT ANTI-VIBRATION PERFORMANCE

When driving, the rocking arm will move up and down to press rubber stick with max deflection value of 130mm, which will make auto stable and cozy.The driving will be more steady without the clashing among metals.

SAFE CHAIN

Weight	Qty. of Safety Chain	Specification
ATM > 2.5T	1	
2.5T < ATM < 3.5T	2	
3.5 < ATM < 4.3 T	2	Diameter of the chain shall be equal or greater 7.1mm, the load of chain scission shall be equal or greater than 6.4T;
4.3 < ATM < 4.5 T	2	Diameter of the chain shall be equal or greater 9.5mm, the load of chain scission shall be equal or greater than 11.6T;

INERTIA BRAKING SYSTEM

Unique inertia brake equipment will produce pushing force on towing shaft at the joint when overcoming sensitivity limit, wheel brake is tightened by transmission equipment of operating lever.



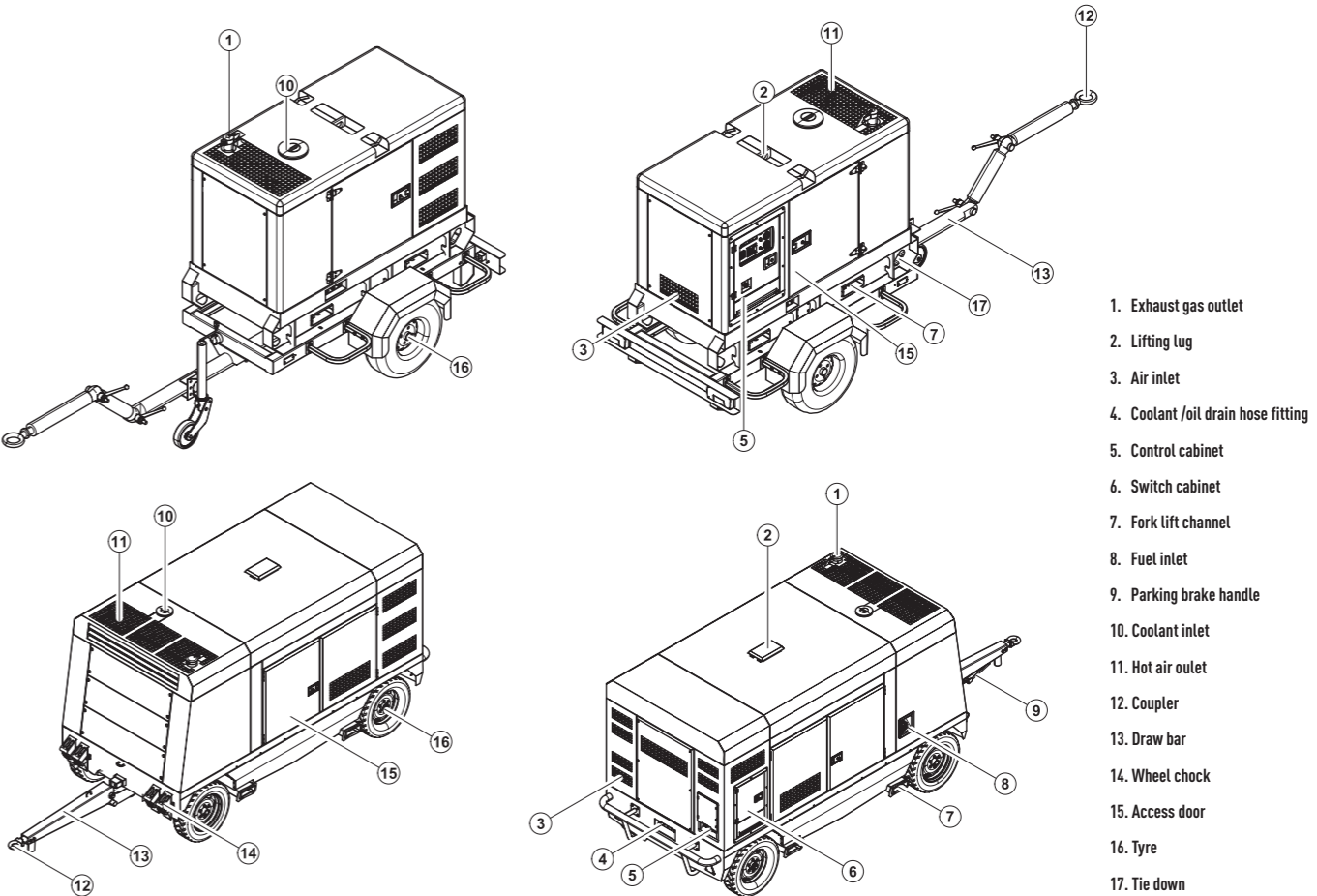
SAFETY

Insurance brake wire rope is linked with the main vehicle, ensuring reliable braking of trailer when accidentally unhooking.

Service life of axle surpasses 20 years without maintenance.



SKETCH MAP OF TRAILER



TRAILER

Trailer Selection Guide

50Hz

Trailer Type	Genset Model	Running speed (km/h)
EA1200	WPS10S,WPS13S,GMS10KS	≤ 80
EA1500	WPS20S,GMS15KS,GMS20KS	≤ 80
EA1800	WPS30S,WPS45S,WPS60S,GMS22CS,GMS30CS,GMS42CS,GMS30KS	≤ 80
TA2500	WPS80S,GMS60CS	≤ 80
EA3000	WPS100S,WPS100S,WPS137S,GMS80CS,GMS100CS,GMS100CS,GMS130CS	≤ 80
YEA1200	WPS10S,WPS13S,GMS10KS	≤ 30
YEA1500	WPS20S,GMS15KS,GMS20KS	≤ 30
YEA1800	WPS30S,WPS45S,WPS60S,GMS22CS,GMS30CS,GMS42CS,GMS30KS	≤ 30
YTA2500	WPS80S,GMS60CS	≤ 30
YEA3000	WPS100S,WPS100S,WPS137S,WPS150S,GMS80CS,GMS100CS,GMS100CS,GMS130CS	≤ 30
YEA3500	WPS180S,GMS175CS	≤ 30
YTA4500	WPS200S-T,WPS225S-T,WPS250S-T,GMS200CS-T,GMS250CLS-T,GMS250CLS-T	≤ 30
YTA6000	WPS350S-T,WPS400S-T,GMS312CS-T,GMS350CS-T,GMS350CS-T, GMS450CS-T	≤ 30
YTA7000	WPS450S-T,WPS500S-T,GMS450CS-T,GMS500CS-T	≤ 30



60Hz

Trailer Type	Genset Model	Running speed (km/h)
EA1200	WPS10D6S,WPS14D6S,GMS10K6S	≤ 80
EA1500	WPS21D6S,GMS15K6S,GMS22K6S	≤ 80
EA1800	WPS31D6S,WPS47D6S,WPS60D6S,GMS26C6S,GMS31C6S,GMS45C6S,GMS30K6S	≤ 80
TA2500	GMS66C6S	≤ 80
EA3000	WPS80D6S,WPS100D6S,WPS130D6S,GMS95C6S,GMS125C6S	≤ 80
YEA1200	WPS10D6S,WPS14D6S,GMS10K6S	≤ 30
YEA1500	WPS21D6S,GMS15K6S,GMS22K6S	≤ 30
YEA1800	WPS31D6S,WPS47D6S,WPS60D6S,GMS26C6S,GMS31C6S,GMS45C6S,GMS30K6S	≤ 30
YTA2500	GMS66C6S	≤ 30
YEA3000	WPS80D6S,WPS100D6S,WPS130D6S,GMS95C6S,GMS125C6S	≤ 30
YEA3500	WPS180D6S,GMS165C6S	≤ 30
YTA4500	WPS205SD6S-T,WPS216D6S-T,GMS200C6S-T,GMS240C6S-T,GMS220C6S-T	≤ 30
YTA6000	WPS350D6S-T,GMS300C6S-T,GMS350C6S-T	≤ 30
YTA7000	WPS450D6S-T,WPS500D6S-T,GMS400C6S-T,GMS450C6S-T,GMS500C6S-T	≤ 30

The data is only for your reference but not for use of sales.

SOCKET BOX RATING BOOK

Combination Switched Sockets-EU-One Sockets

Model	Input Voltage / V	Input Current / A	Configuration					Dimension (W*L*H)/mm
			Circuit Breaker		RCD	Sockets		
			230V16A	400V32A	30mA	230V16A Three-hole 	500V32A Five-hole 	
CSS11-EU	AC230V	16A	1	0	1	1	0	197*197*128
CSS12-EU	AC400V	32A	0	1	1	0	1	197*197*128

Combination Switched Sockets-EU-Two Sockets

CSS21-EU	AC230V	32A	2	0	2	2	0	300*400*63
CSS22-EU	AC400V	63A	0	2	1	0	2	300*400*63
CSS23-EU	AC400V	50A	1	1	1	1	1	300*400*63

Combination Switched Sockets-EU-Three Sockets

CSS31-EU	AC230V	50A	3	0	3	3	0	400*400*63
CSS32-EU	AC400V	63A	1	2	1	1	2	400*400*63
CSS33-EU	AC400V	63A	2	1	1	2	1	400*400*63
CSS34-EU	AC400V	63A	0	3	1	0	3	400*400*63

Combination Switched Sockets-EU-Four Sockets

CSS41-EU	AC230V	63A	4	0	4	4	0	500*400*63
CSS42-EU	AC400V	63A	1	3	1	1	3	500*400*63
CSS43-EU	AC400V	63A	2	2	1	2	2	500*400*63
CSS44-EU	AC400V	63A	0	4	1	0	4	500*400*63

Combination Switched Sockets-EU-Five Sockets

CSS51-EU	AC230V	63A	5	0	5	5	0	600*400*63
CSS52-EU	AC400V	63A	3	2	1	3	2	600*400*63
CSS53-EU	AC400V	63A	2	3	1	2	3	600*400*63
CSS54-EU	AC400V	63A	4	1	1	1	4	600*400*63
CSS51Y-EU	AC230V	63A	5	0	5	5	0	400*800*63
CSS52Y-EU	AC400V	63A	3	2	1	3	2	400*800*63
CSS53Y-EU	AC400V	63A	2	3	1	2	3	400*800*63
CSS54Y-EU	AC400V	63A	4	1	1	1	4	400*800*63