



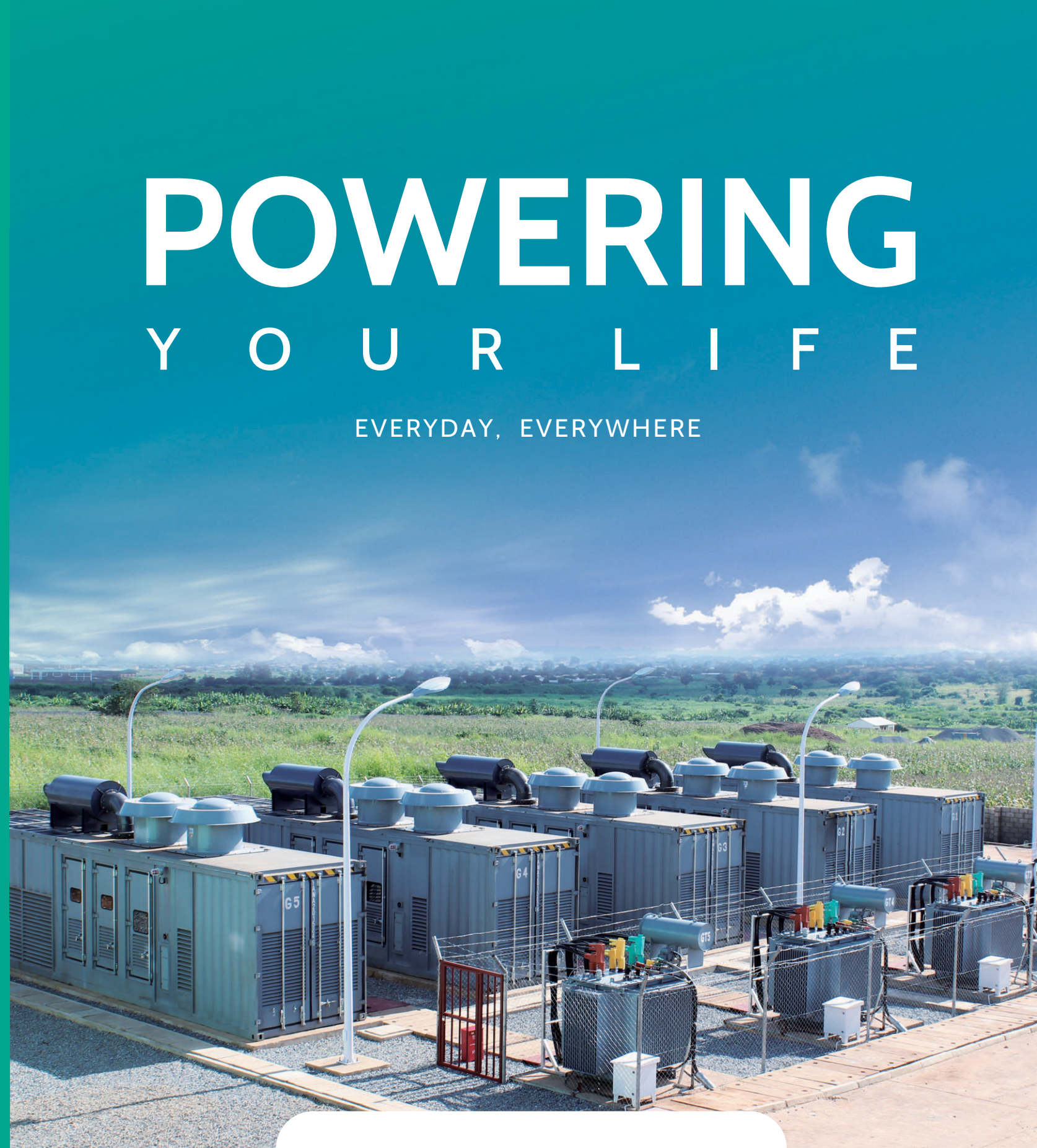
POWERING YOUR LIFE

EVERYDAY, EVERYWHERE

Yanan 亚南

FUJIAN YANAN POWER GROUP

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Yanan 亚南
FUJIAN YANAN POWER GROUP



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YES NOW! FOR POWER
GO FORWARD WITH YANAN FOR BRILLIANCE

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CHINA RELIABLE AND EFFICIENT POWER SOLUTION PROVIDER

Whenever you need reliable and efficient power you can depend on Yanan. With near 30 years of global expertise and backed up by a strong distribution network across 120 countries, we understand the customers' need and endeavour to serve our customers better.

About YANAN

For near 30 years, we have been the industry leader in power solution. We along with the world famous engine manufacturers and others provide brightness, warmth, protection and hope to thousands of people worldwide.

We are committed to satisfy your needs all over the world. Whether you need power in a harsh environments or under bad conditions, whether you need continuous or standby power, whether you need generators, (mobile) generator sets or complete power plants, you can depend on us. We can match yours with reliable, flexible and efficient solutions.

For a green world, we can provide environment-friendly power solutions for you. We are the specialist in sound-attenuated generator sets that generate clean, low-cost and high efficient power. In order to meet different kinds of applications, our products are available in sizes ranging from 3 to 3000 kW.



QUALITY POLICY

We make sure that our products can be made in compliance with international standards.
Our service can meet and exceed your expectations.
Our quality systems and processes implemented are continually being improved to meet your changing requirements.



CCC SON CECOC CCS CUL US TLC ISO9001 ISO14001 ISO45001



R&D Center

WE KNOW THAT

Everyone's need is different, so our research center, with a strong technical team and advanced electrical research facilities, is trying the best to design your products in full compliance with what you need and recommend.

WE BELIEVE THAT

YANAN pays attention to all details, and customizes each one of its generator set after a thorough evaluation of the installation conditions such as environment conditions, power demand, fuel supply... And the necessities of the customer, obtaining and optimal performance.



MANUFACTURING CENTER

With near 30 years of manufacturing experience, our manufacture center can provide you qualified products by or beyond international standards, with advanced productive software system, large electrical facilities and high-quality workers.

POWERING THE WORLD

POWERING YOUR LIFE

To find more about our service and support for your business, visit

WWW.YANAN-MOTOR.COM

WHEREVER YOU ARE IN THE WORLD, WE ARE ALWAYS WITH YOU.

With highly trained YANAN distributors across more than 120 countries, also sales support of our engine partners all over the world, you are never beyond product information, genuine parts, advanced technology and excellent service before, in, and after sales, for keeping your generator sets in good condition.

TIPS

- USA
- UK
- HongKong
- Saudi
- Germany
- Beijing
- ShangHai
- ChengDu
- WuHan
- XiAn
- XiaMen
- FuZhou
- GuangXi

Global Distributor Network

- BRANCHES
- DISTRIBUTION



POWER PROJECTS

YANAN 亚南

We are available for your power
Anytime, Anywhere.



THE LEADING SUPPLIER OF SYSTEMATIC POWER SOLUTION



OPEN TYPE GENSET



Simple

Secure

Strong



WE SIMPLY WORK WITH YOUR SPECIFICATIONS TO DELIVER CUSTOMIZED PRODUCT.

STANDARD FEATURES

- 40°C radiator as standard, 50°C radiator for option
- The compact base tank is designed for 8 hours running at full load in prime applications
- Providing lifting points as standard, aiding transportation and installation
- Protective shield for fan and moving parts
- AMF control panel
- $\leq 63A$: Micro Circuit Breaker(MCB); $> 63A < 1600A$: Moulded case circuit breaker(MCCB); $\geq 1600A$: Air circuit breaker(ACB)
- Battery with cables and mounting frame
- Industrial silencer
- Tool kit
- A full set of operation and maintenance manuals and electrical system diagrams

RELIABILITY AND SAFETY

- Designed, assembled and tested completely in-house
- Powered by famous brand engine, such as Cummins, MTU, Perkins etc
- The global service network with factory-trained expert
- Quality components from top brands, chosen with the performance and reliability of the complete system in mind
- On site testing procedures before leaving our factory
- Control units of YANAN genset offer a wide range of possibilities, from simplified running to the option of managing the most complex coupling operations, and can be adapted to suit every need



Coolant pre-heater



Electronically controlled injection pump



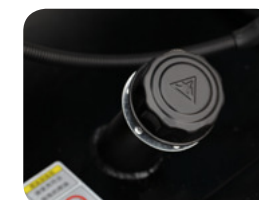
Starting motor



Turbocharger



Controller



Fuel filling port



Anti-vibration pad



Emission standard compliant ECU



Main circuit breaker



Starting battery

SOUNDPROOF GENSET



Environment
friendly

Secure

Easy
installation

ROBUST CORROSION RESISTANT CONSTRUCTION

- Constructed from high-graded, heavy-duty steel and further protected by powder coat painting
- Ensuring durability and maximum corrosion resistance

CONVENIENT ACCESS FOR MAINTENANCE AND SERVICE

- Large doors allow for easy access to operate and perform servicing procedures on the generator sets.
- Removable ducts provide maintenance access with enclosure in place
- Lube oil and coolant drain piped to base frame, exterior to the enclosure
- Climbing ladders make maintenance and servicing easier

EASY TO TRANSPORT

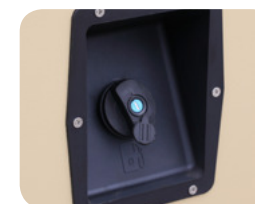
- Lifting points as standard, easier for transportation and installation
- Optional removable base feet block to aid forklift handling
- Optional built-in forklift pockets
- Optional heavy duty trailers

SECURITY AND SAFETY

- Control panel in lockable enclosure door
- Exhaust silencing system totally enclosed for operator safety
- Adequate ventilation for generator set cooling air requirement
- Fire radiant materials for absorbent insulating
- Specially designed anti-vibration pads to avoid the transfer vibration from generator set to enclosure



Pinout



Lockable fuel filling port



Top lifting rod



File holder



Controller



Motorized circuit breaker



Protective cover



Drip leak trays



Coolant overflow tank



Anti-vibration pad

PROFESSIONAL FOR RENTAL

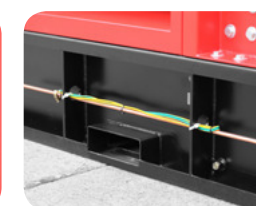


STANDARD FEATURES

- Covering full range of silent generator sets
- Attractive and weather-proof design can be used in harsh environments
- Multi-lifting at the top & bottom is designed for easy transfer
- Unique inlet and outlet duct design prevents debris and dust inhaled
- Perfect in and out of the wind system ensures the normal operation
- Large capacity fuel tank with double layer structure ensures the generator set to run at full load for 12 to 24 hours and no leakage
- IP65 Control box and distribution box design
- The electric leakage protection function in looping circuit ensures safety performance
- International standard plug connector and outer terminal guarantees quick, safe & convenient operation



Isolating protected output terminal



PE copper bar



IP65 control box



Battery isolator



Oil hand pump



Motorized circuit breaker



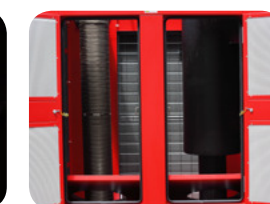
H.T. protection shelter



Fuel source switch valve



Absorber



Radiator maintenance access

CONTAINERISED GENERATOR SET

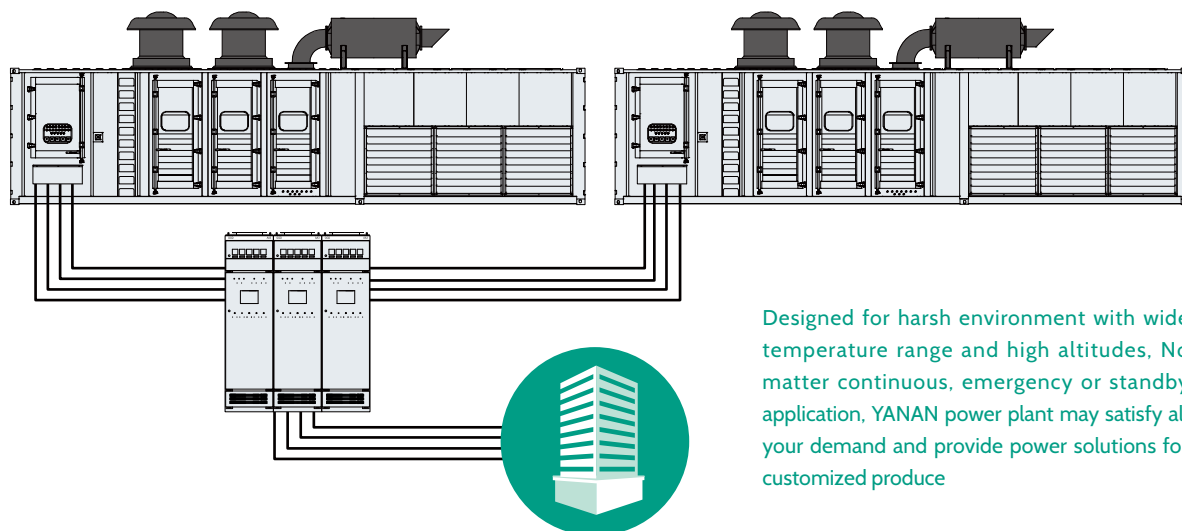
POWERFUL & RELIABLE, ANY WHERE ANY TIME.



STANDARD FEATURES

- ISO standard 20ft, 30ft, 40ft and 40HQ shipping container with COC from CCS
- Easy maintenance with access doors on each side
- Highly corrosion protection container painting
- Integrated radiator or separating radiator according to the design
- Large flux and quick charge cooling fan
- Automatic fuel fill system
- External fuel connections
- Heavy duty fuel filter with water separator
- Integrated AC and DC lighting
- Multiple cable entry access points
- Lifting capability for full weight via corner castings

HIGH VOLTAGE AVAILABLE: 50Hz :3.3kV, 6.3kV, 11kV etc
60Hz :4.16kV, 6.6kV, 13.8kV etc



Designed for harsh environment with wide temperature range and high altitudes, No matter continuous, emergency or standby application, YANAN power plant may satisfy all your demand and provide power solutions for customized produce



4pcs Standard shipping container lifting eyelets, applicable to world's all harbor cranes.



The well-protected ladder to the container top, and the guardrail, ensure the safety of the personnel when operate on the container top.



Container overhead or built-in exhaust silencer.



Fire detector



Large size maintenance & operation door.



Ventilation louver, to prevent rain in and reduce the noise.



Large audible & visual annunciator, in case of generator failure or fire accident.



Transparent control panel observation window.

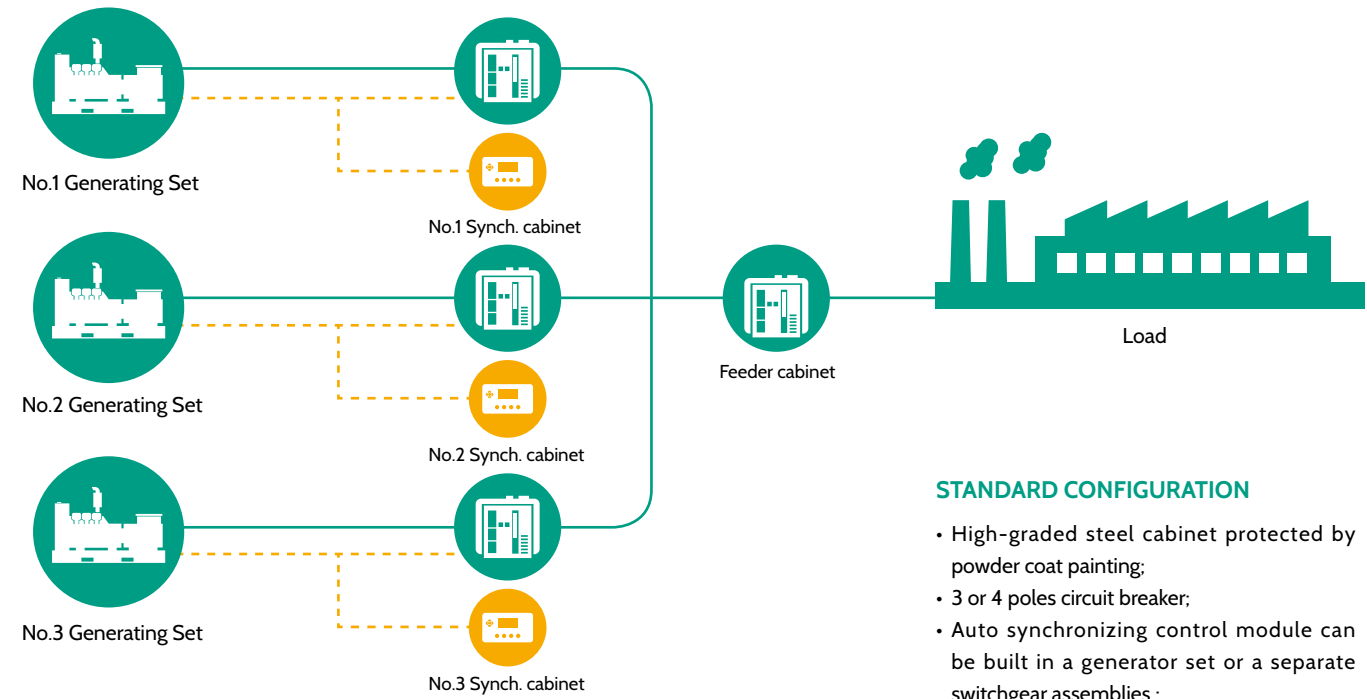


LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLIES

Our company provides all kinds of Low-voltage switchgear and controlgear assemblies which related with generator sets, including synchronizing cabinet, mains synchronizing cabinet and bus-tie cabinet. Suitable for various modes, such as multi-gensets synchronizing operation in island mode, synchronizing to grid etc., with the function of automatic/manual synchronous operation, active/reactive load share according to requirements, comprehensive generator monitoring, protection and fault diagnosis, meanwhile, forming a complete power supply unit through the integration of output (feeder) cabinet, ATS cabinet and reactive power compensation cabinet into the synchronous power distribution system according to customer's needs.

- Cabinets meet with international/national standard IEC60439, GB7251, BSEN60439 and AS4349
- System installation and cabling work comply with the standard IEC60364 and DIN VDE0105
- Rated voltage: $\leq 690V$
- Common busbar rated current: $\leq 6300A$
- Protection Class: IP30/40
- Famous brand circuit breaker: ABB, Schneider, Delixi
- High quality control module: DEIF, DEEP SEA, ComAp
- Optional center console, with touch screen or big size display screen HMI, and convenient IPC, to realize the comfortable remote control and quick response on the operation protection data.

TYPICAL APPLICATION



STANDARD CONFIGURATION

- High-graded steel cabinet protected by powder coat painting;
- 3 or 4 poles circuit breaker;
- Auto synchronizing control module can be built in a generator set or a separate switchgear assemblies ;
- Electrical parameters monitoring about generating set or load: voltage and current of 3 phase , frequency , active /reactive power etc;
- Mechanical parameter monitoring about diesel engine: oil pressure , coolant temperature , speed , fuel level etc;
- Working status indicator: generating set running status, synchronizing status, potential indicator, switch on/off,fault diagnosis and audio and visual alarms;
- Protection foundation: over/under voltage , over/under frequency , overload , over current, short current , reverse power , over speed, low oil pressure , high coolant temperature;
- Multi-protocol communication supporting ,
- remote monitoring is available.

FEATURES

-  Customization, flexible combination of feeder loop, ATS loop and reactive power compensation facility
-  Intelligent power management by providing intelligent load share for generators with different power rating and different operating hours.
-  Optional 4G, GPS, Ethernet and SNMP communication port can monitor generator sets from anywhere
-  Modular configuration to meet any application requirements of users
-  Easy PLC programming
-  Simple installation on-site

SPECIFICATION OF LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR ASSEMBLIES				
Model	Rated Current	Poles of CB	Control Module	Cabiner Type
YNSP-400	400A	3 or 4	DSE8610MKII	GGD
YNSP-630	630A	3 or 4	DSE8610MKII	GGD
YNSP-800	800A	3 or 4	DSE8610MKII	GGD
YNSP-1000	1000A	3 or 4	DSE8610MKII	GGD
YNSP-1250	1250A	3 or 4	DSE8610MKII	GGD
YNSP-1600	1600A	3 or 4	DSE8610MKII	GGD
YNSP-2000	2000A	3 or 4	DSE8610MKII	GGD
YNSP-2500	2500A	3 or 4	DSE8610MKII	GGD
YNSP-3200	3200A	3 or 4	DSE8610MKII	GGD
YNSP-4000	4000A	3 or 4	DSE8610MKII	GGD

Optional Configuration: ComAp & DEIF control module are available Cabinet type:GCK & GCS

CONTROLLER SELECTION TABLE



Model	DSE6120 MKII	DSE7320 MKII	DSE8610 MKII	DSE8620	DSE8660 MKII	IL-NT AMF20	IL3 AMF20	IL-NT AMF25	IL3 AMF25	IG200	IG-NTC GC
Brand	DEEP SEA					ComAp					
Timer	•	•	•	•	•	•	•	•	•	•	•
Communication Port	USB	RS232/485/USB	RS232/485/Ethernet/USB			RS232	RS232	RS232	RS232	RS485 USB	RS232/485/USB
Binary outputs	8/6	8/10	12/12	11/8	12/8	7/7	7/7	8/8	8/8	8/8+1	12/12
AMF	•	•	Auto Start	•	•	•	•	•	•	Auto Start	Auto Start
ECU	•	•	•	•	•	N/A	•	•	•	•	•
Main display	•	•	•	•	•	•	•	•	•	•	•
Alternator parameter	•	•	•	•	•	•	•	•	•	•	•
Engine parameter	•	•	•	•	•	•	•	•	•	•	•
Battery voltage	•	•	•	•	•	•	•	•	•	•	•
Fuel level display	•	•	•	•	•	•	•	•	•	•	•
Over-speed protection	•	•	•	•	•	•	•	•	•	•	•
Over-temperature protection	•	•	•	•	•	•	•	•	•	•	•
Low-oil protection	•	•	•	•	•	•	•	•	•	•	•
Over-current protection	•	•	•	•	•	•	•	•	•	•	•
Idle control	•	•	•	•	•	•	•	•	•	•	•
PLC programme	N/A	•	•	•	•	N/A	•	N/A	•	•	•
Event log	100 events	250 events	250 events	250 events	250 events	200 events	350 events	200 events	350 events	350 events	500 events
Display Language	large back-lit icon	Multiple Languages									
Application	AMF+ATS		Multiple Island or Single Parallel to Mains	Single Parallel to Mains	Auto Transfer Switch & Mains (Utility) Control	AMF+ATS		Multiple Island or Single Parallel to Mains			

AUTOMATIC TRANSFER SWITCH -ATS

Automatic Transfer Switch -ATS
For Emergency powering application, an Auto Transfer Switch(ATS)is essential. The ATS can automatically transfer load from grid power to emergency power without operator intevention when the grid power fails or voltage drop out out of the pre-set voltage range, the programmed controller will active the ATS to switching the power supply between emergency power and grid power base on the priority,YN series ATS system available size ranging from 20A to 400A. There is a switch suitable for every project's need.

* Optional Cabinet Type: GGD/GCK/GCS/MNS
* Optional Switch Brand: Aisikai / ABB / Schneider /Socomec/Smartgen
* Optional ATS Controller: ComAp/Deepsea/Smartgen
Remark: The above configuration is standard cabinet with cable inlet and outlet at the bottom.
If need other cable connection model, Please state it in the contract.



CABINET MODEL	CURRENT (A)	POLE	SWITCH BRAND	SWITCH MODEL	DIMENSION L×W×H(MM)
YNATS-20	20	4P	Aisikai	SKT2 20A 4P	500×600×330
YNATS-40	40	4P	Aisikai	SKT2 40A 4P	500×600×330
YNATS-63	63	4P	Aisikai	SKT2 63A 4P	500×600×330
YNATS-80	80	4P	Aisikai	SKT2 80A 4P	500×600×330
YNATS-100	100	4P	Aisikai	SKT2 100A 4P	500×600×330
YNATS-125	125	4P	Aisikai	SKT1 125A 4P	500×600×330
YNATS-160	160	4P	Aisikai	SKT1 160A 4P	500×600×330
YNATS-250	250	4P	Aisikai	SKT1 250A 4P	500×600×330
YNATS-400	400	4P	Aisikai	SKT1 400A 4P	550×700×400
YNATS-630	630	4P	Aisikai	SKT1 630A 4P	550×700×400
YNATS-800	800	4P	Aisikai	SKT1 800A 4P	800×1000×550
YNATS-1000	1000	4P	Aisikai	SKT1 1000A 4P	800×1000×550
YNATS-1250	1250	4P	Aisikai	SKT1 1250A 4P	800×1000×550
YNATS-1600	1600	4P	Aisikai	SKT1 1600A 4P	800×1000×550
YNATS-2000	2000	4P	Aisikai	SKT1 2000A 4P	800×1000×700
YNATS-2500	2500	4P	Aisikai	SKT1 2500A 4P	800×1000×700
YNATS-3200	3200	4P	Aisikai	SKT1 3200A 4P	800×1000×700

STANDARD AND OPTIONAL CONFIGURATIONS

● = Standard, □ = Optional

MECHANICAL STRUCTURE	
All weather and sound proof canopy (for soundproof type)	●
Corrosion resistant coating	●
Forklift holes on base frame or other removable lifting device	□
Built-in bottom fuel tank with fuel level sensor	●
CONTROL SYSTEM AND ELECTRICAL FACILITIES	
DEEP SEA DSE6120 AMF function control module	●
Synchronising and load share control module	□
Remote control or communication function	□
Standard 3P output circuit breaker	●
4P output circuit breaker or high protection grade switches socket kit	□
Integrated ATS	□
Starting Battery(ies) with connecting cables and mounting frame	●
Battery trickle type charger	●
Maintenance free batteries	□
DIESEL ENGINE	
4- strokes , water cooled ,direct injection diesel engine	●
starting motor and charging alternator	●
Standard dry type air filter with replaceable element	●
Air intake pre-filter for heavy duty and dusty environment application	□
Oil drain extension & shut off valve	●
AC ALTERNATOR	
Class H,single bearing,brushless,standard AVR and excitation system	●
Self-ventilated cooling system	●
4 poles, rotating field	●
Bearing and winding temperature detector (RTD)	□
Marine winding for salt-spray environment application	□
Anticondensation	□

FUEL SYSTEM	
Built-in fuel tank for 6-10 hours endurance	●
Fuel level sensor	●
Built-in fuel tank for 24 hours endurance	□
Free standing daily fuel tank	□
Leak-proof double wall fuel tank	□
Water / fuel separator	□
Automatic refueling device	□
LUBRICATING SYSTEM	
Used oil drain plug and shut off valve	●
Oil pressure monitoring and protection	●
Replacement, full flow, cartridge type oil filter	●
Oil level maintainer and new oil reservoir for long time endurance	□
Oil pre-heater	□
COOLING SYSTEM	
Vertical type radiator for 40°C environment temperature	●
Fan and moving parts protective shield	●
Coolant pre-heater	□
Horizontal type or other remote type radiator	□
Marine grade radiator for salt-spray environment application	□
50°C environment temperature radiator	□
Stainless steel plate heat exchanger with water circulating pump	□
EXHAUST SYSTEM	
Industrial muffler	●
Secondary muffler	□
Heat protection shield outside the exhaust manifold	●
Heat insulation clamp outside the exhaust pipe	●
Rainproof cover at exhaust pipe tail end	□
Stainless steel flexible joint, elbow joint	●
Catalytic particulate filter and catalytic purifier	□
OTHERS	
Maintenance and operation manual	●
Electrical diagram	●
Tool kit	●

GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 21-550kVA)											
Genset Model		Standby Power		Prime Power		Engine Model	NO. of Cylinder	Displacement	Rated Fuel Consumption @100% Load	Lub Oil Capacity	Alternator Model
Open Type	Soundproof	kVA	kW	kVA	kW			L	L/h	L	
YN24C	YNS24C	24	19	21	17	4B3.9-G11	4	3.9	5.7	10.9	SLG184E
YN30C	YNS30C	30	24	28	22	4B3.9-G1/G2	4	3.9	7.1/6.7	10.9	SLG184F
YN34C	YNS34C	34	27	31	25	4B3.9-G12	4	3.9	7.4	10.9	SLG184G
YN44C	YNS44C	44	35	40	32	4BT3.9-G1/G2	4	3.9	10	10.9	SLG184J
YN63C	YNS63C	63	50	56	45	4BTA3.9-G2(G45E1)	4	3.9	12.9	10.9	SLG224E
YN69C	YNS69C	69	55	63	50	4BTA3.9-G2(G52E1)	4	3.9	14.9	10.9	SLG224F
YN88C	YNS88C	88	70	80	64	4BTA3.9-G11	4	3.9	17.6	10.9	SLG224G
YN105C	YNS105C	105	84	95	76	4BTA3.9-G13	4	3.9	18.8	10.9	SLG274C
YN110C	YNS110C	110	88	100	80	4BTA3.9-G3	4	3.9	27.6	10.9	SLG274C
YN103C	YNS103C	103	82	94	75	6BT5.9-G1(G75M1)	6	5.9	22.3	16.4	SLG274C
YN103C	YNS103C	103	82	94	75	6BT5.9-G2(G75E1)	6	5.9	22.3	16.4	SLG274C
YN115C	YNS115C	115	92	105	84	6BT5.9-G2(G84E1)	6	5.9	24.2	16.4	SLG274D
YN125C	YNS125C	125	100	115	92	6BTA5.9-G2	6	5.9	27	16.4	SLG274D
YN143C	YNS143C	143	114	130	104	6BTA5.9-G2	6	5.9	30	16.4	SLG274E
YN165C	YNS165C	165	132	150	120	6BTA5.9-G12	6	5.9	34	16.4	SLG274F
YN200C	YNS200C	200	160	180	144	6CTA8.3-G1/G2	6	8.3	42	27.6	SLG274G
YN220C	YNS220C	220	176	200	160	6CTAA8.3-G2	6	8.3	45	23.8	SLG274H
YN250C	YNS250C	250	200	N/A	N/A	6CTAA8.3-G9	6	8.3	57	23.8	SLG274J
YN264C	YNS264C	264	211	250	200	6LTAA8.9-G2	6	8.9	53	27.6	SLG274K
YN275C	YNS275C	275	220	250	200	6LTAA8.9-G3	6	8.9	54	27.6	SLG274K
YN300C	YNS300C	300	240	270	216	6LTAA9.5-G3	6	9.5	58	27.6	SLG314D
YN350C	YNS350C	350	280	320	256	6LTAA9.5-G1	6	9.5	70	27.6	SLG314E
YN425C	YNS425C	425	340	388	310	6ZTAA13-G3	6	13	74.7	45.4	SLG354C
YN475C	YNS475C	475	380	438	350	6ZTAA13-G2	6	13	87.1	45.4	SLG354C
YN475C	YNS475C	475	380	438	350	6ZTAA13-G4	6	13	91.4	45.4	SLG354C
YN469C	YNS469C	469	375	438	350	QSZ13-G2	6	13	88.8	45.4	SLG354C
YN500C	YNS500C	500	400	450	360	QSZ13-G5	6	13	93.2	75.3	SLG354D
YN500C	YNS500C	500	400	475	380	QSZ13-G3	6	13	101	45.4	SLG354D
YN550C	YNS550C	550	440	500	400	QSZ13-G10	6	13	109	45.42	SLG354D
GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 25-450kVA)											
YN28C	YNS28C	28	22	25	20	QSB3.9-G31	4	3.9	6.1	10.9	SLG184F
YN41C	YNS41C	41	33	38	30	QSB3.9-G33	4	3.9	8.8	10.9	SLG184H
YN69C	YNS69C	69	55	63	50	QSB3.9-G35	4	3.9	14.2	10.9	SLG224F
YN94C	YNS94C	94	75	88	70	QSB3.9-G37	4	3.9	19.8	10.9	SLG274C
YN110C	YNS110C	110	88	100	80	QSB3.9-G39	4	3.9	23.6	10.9	SLG274C
YN125C	YNS125C	125	100	113	90	QSB5.9-G30	6	5.9	27.7	16.4	SLG274D
YN138C	YNS138C	138	110	125	100	QSB5.9-G31	6	5.9	31.5	16.4	SLG274E
YN165C	YNS165C	165	132	150	120	QSB5.9-G33	6	5.9	37.9	16.4	SLG274F
YN206C	YNS206C	206	165	188	150	QSB6.7-G32	6	6.7	40.4	19.5	SLG274H
YN250C	YNS250C	250	200	225	180	QSB6.7-G31	6	6.7	48.8	19.5	SLG274J
YN275C	YNS275C	275	220	250	200	QSL8.9-G34	6	8.9	55.6	28.1	SLG274K
YN313C	YNS313C	313	250	288	230	QSL8.9-G33	6	8.9	63.1	28.1	SLG314D
YN350C	YNS350C	350	280	320	256	QSL8.9-G30	6	8.9	68.6	28.1	SLG314E
YN66C	YNS66C	66	53	60	48	QSB3.9-G2	4	3.9	18	10.9	SLG224E
YN88C	YNS88C	88	70	80	64	QSB3.9-G3	4	3.9	20	10.9	SLG224G
YN110C	YNS110C	110	88	100	80	QSB5.9-G2	6	5.9	26	16.4	SLG274C
YN138C	YNS138C	138	110	125	100	QSB5.9-G3	6	5.9	31	16.4	SLG274E
YN165C	YNS165C	165	132	150	120	QSB6.7-G3	6	6.7	38	19.5	SLG274F
YN200C	YNS200C	200	160	180	144	QSB6.7-G4	6	6.7	43	19.5	SLG274G
YN220C	YNS220C	220	176	200	160	QSL8.9-G2	6	8.9	55	28.1	SLG274H
YN250C	YNS250C	250	200	225	180	QSL8.9-G3	6	8.9	57	28.1	SLG274J
YN275C	YNS275C	275	220	250	200	QSL8.9-G4	6	8.9	60	28.1	SLG274K
YN400C	YNS400C	400	320	350	280	QSZ13-G6	6	13	81.6	75.3	SLG314F
YN450C	YNS450C	450	360	400	320	QSZ13-G7	6	13	89.2	75.3	SLG314G

GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 21-550kVA)								
Genset Model		Emission	Dimensions L×W×H(m)		Weight(kg)		Fuel Tank Capacity(L)	
Open Type	Soundproof		Open Type	Soundproof Type	Open Type	Soundproof Type	Open Type	Soundproof Type
YN24C	YNS24C	N/A	1.8×0.85×1.33	2.3×1.1×1.29	710	1050	95	130
YN30C	YNS30C	N/A	1.8×0.85×1.33	2.3×1.1×1.29	730	1050	95	130
YN34C	YNS34C	N/A	1.8×0.85×1.33	2.3×1.1×1.29	810	1120	95	130
YN44C	YNS44C	N/A	1.8×0.85×1.33	2.3×1.1×1.29	830	1120	95	130
YN63C	YNS63C	N/A	1.8×0.85×1.33	2.3×1.1×1.29	950	1320	135	130
YN69C	YNS69C	N/A	1.8×0.85×1.33	2.3×1.1×1.29	970	1340	135	130
YN88C	YNS88C	N/A	1.9×0.85×1.33	2.3×1.1×1.29	1040	1410	135	130
YN105C	YNS105C	N/A	1.95×0.85×1.33	2.3×1.1×1.29	1080	1530	230	280
YN110C	YNS110C	N/A	1.95×0.85×1.33	2.3×1.1×1.29	1080	1530	230	280
YN103C	YNS103C	N/A	2.2×0.94×1.48	2.8×1.1×1.47	1150	1600	230	280
YN103C	YNS103C	N/A	2.2×0.94×1.48	2.8×1.1×1.47	1150	1600	230	280
YN115C	YNS115C	N/A	2.2×0.94×1.48	2.8×1.1×1.47	1170	1620	230	280
YN125C	YNS125C	N/A	2.2×0.94×1.48	2.8×1.1×1.47	1180	1630	230	280
YN143C	YNS143C	N/A	2.35×0.95×1.50	2.8×1.1×1.47	1280	1700	260	280
YN165C	YNS165C	N/A	2.35×0.95×1.52	2.8×1.1×1.7	1340	1800	260	280
YN200C	YNS200C	N/A	2.4×0.95×1.57	2.8×1.1×1.8	1650	2250	280	330
YN220C	YNS220C	N/A	2.55×1.0×1.57	3.0×1.2×1.8	1750	2350	310	380
YN250C	YNS250C	N/A	2.6×1.05×1.82	3.8×1.3×1.85	1900	2750	400	400
YN264C	YNS264C	N/A	2.6×1.05×1.82	3.8×1.3×1.85	1900	2750	400	400
YN275C	YNS275C	N/A	2.6×1.05×1.82	3.8×1.3×1.85	1950	2800	400	400
YN300C	YNS300C	N/A	2.6×1.05×1.82	3.8×1.3×1.85	2000	2850	400	400
YN350C	YNS350C	N/A	2.6×1.05×1.82	3.8×1.3×1.85	2050	2900	400	400
YN425C	YNS425C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	3200	4350	560	770
YN475C	YNS475C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	3350	4500	560	770
YN475C	YNS475C	N/A	3.5×1.345×2.11	4.8×2.1×2.275	4200	5400	680	1212
YN469C	YNS469C	N/A	3.5×1.345×2.11	4.8×2.1×2.28	4200	5400	680	1212
YN500C	YNS500C	N/A	3.5×1.345×2.11	4.8×2.1×2.28	4300	5500	680	1212
YN500C	YNS500C	N/A	3.5×1.345×2.11	4.8×2.1×2.28	4300	5500	680	1212
YN550C	YNS550C	N/A	3.5×1.345×2.11	4.8×2.1×2.28	4300	5500	680	1212
GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 25-450kVA)								
YN28C	YNS28C	MEP STAGEIII	1.8×0.85×1.33	2.3×1.1×1.29	730	1050	95	130
YN41C	YNS41C	MEP STAGEIII	1.8×0.85×1.33	2.3×1.1×1.29	830	1120	95	130
YN69C	YNS69C	MEP STAGEIII	1.8×0.85×1.33	2.3×1.1×1.29	970	1340	135	130
YN94C	YNS94C	CHINA III	2.3×0.90×1.48	2.8×1.1×1.47	1100	1550	230	280
YN110C	YNS110C	CHINA III	1.95×0.85×1.33	2.3×1.1×1.29	1080	1530	230	280
YN125C	YNS125C	CHINA III	2.2×0.94×1.48	2.8×1.1×1.47	1180	1630	230	280
YN138C	YNS138C	CHINA III	2.35×0.95×1.50	2.8×1.1×1.47	1280	1700	260	280
YN165C	YNS165C	CHINA III	2.35×0.95×1.52	2.8×1.1×1.7	1340	1800	260	280
YN206C	YNS206C	CHINA III	2.4×0.95×1.57	2.8×1.1×1.8	1650	2250	280	330
YN250C	YNS250C	CHINA III	2.6×1.05×1.82	3.8×1.3×1.85	1900	2750	400	400
YN275C	YNS275C	CHINA III	2.6×1.05×1.82	3.8×1.3×1.85	1950	2800	400	400
YN313C	YNS313C	CHINA III	2.6×1.05×1.82	3.8×1.3×1.85	2000	2850	400	400
YN350C	YNS350C	CHINA III	2.6×1.05×1.82	3.8×1.3×1.85	2050	2900	400	400
YN66C	YNS66C	CHINA III	1.8×0.85×1.33	2.3×1.1×1.29	950	1320	135	130
YN88C	YNS88C	CHINA III	1.9×0.85×1.33	2.3×1.1×1.29	1040	1410	135	130
YN110C	YNS110C	CHINA III	2.2×0.94×1.48	2.8×1.1×1.47	1150	1600	230	280
YN138C	YNS138C	CHINA III	2.35×0.95×1.50	2.8×1.1×1.47	1280	1700	260	280
YN165C	YNS165C	CHINA III	2.35×0.95×1.52	2.8×1.1×1.7	1340	1800	260	280
YN200C	YNS200C	CHINA III	2.4×0.95×1.57	2.8×1.1×1.8	1650	2250	280	330
YN220C	YNS220C	CHINA III	2.55×1.0×1.57	3.0×1.2×1.8	1750	2350	310	380
YN250C	YNS250C	CHINA III	2.6×1.05×1.82	3.8×1.3×1.85	1900	2750	400	400
YN275C	YNS275C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	2600	3700	500	770
YN400C	YNS400C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	3150	4300	560	770
YN450C	YNS450C	CHINA III	3.3×1.15×1.92	4.2×1.5×2.1	3350	4500	570	770

GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 250-1875kVA)											
Genset Model		Standby Power		Prime Power		Engine Model	NO. of Cylinder	Displacement	Rated Fuel Consumption @100% Load	Lub Oil Capacity	Alternator Model
Open Type	Soundproof	kVA	kW	kVA	kW			L	L/h	L	
YN275C	YNS275C	275	220	250	200	MTA11-G2	6	10.8	51.6	36.7	SLG274K
YN275C	YNS275C	275	220	250	200	NT855-GA	6	14	53.4	38.6	SLG274K
YN275C	YNS275C	275	220	250	200	NTA855-G1	6	14	59.2	38.6	SLG274K
YN313C	YNS313C	313	250	275	220	NTA855-G1A	6	14	61.3	38.6	SLG314D
YN350C	YNS350C	350	280	313	250	MTAA11-G3	6	10.8	61	36.7	SLG314E
YN350C	YNS350C	350	280	313	250	NTA855-G1B	6	14	71.4	38.6	SLG314E
YN350C	YNS350C	350	280	313	250	NTA855-G2	6	14	71.4	38.6	SLG314E
YN375C	YNS375C	375	300	344	275	NTA855-G2A	6	14	71.9	38.6	SLG314F
YN375C	YNS375C	375	300	350	280	NTA855-G4	6	14	75.3	38.6	SLG314F
YN412C	YNS412C	412	330	375	300	NTAA855-G7	6	14	85.4	38.6	SLG314F
YN450C	YNS450C	450	360	N/A	N/A	NTAA855-G7A	6	14	89.2	38.6	SLG314G
YN412C	YNS412C	412	330	375	300	KTA19-G2	6	14	99	38.6	SLG314F
YN500C	YNS500C	500	400	450	360	KTA19-G3	6	19	96	50	SLG354C
YN550C	YNS550C	550	440	500	400	KTA19-G4/G3A	6	19	107	50	SLG354D
YN500C	YNS500C	500	400	450	360	QSNT-G4X	6	14	97.6	38.6	SLG354C
YN500C	YNS500C	500	400	450	360	M15-G7	6	14.5	98	53	SLG354C
YN563C	YNS563C	563	450	500	400	M15-G8	6	14.5	101	53	SLG354D
YN625C	YNS625C	625	500	525	420	KTAA19-G5	6	19	114	50	SLG354E
YN650C	YNS650C	650	520	575	460	KTAA19-G6	6	19	132	50	SLG354E
YN650C	YNS650C	650	520	588	470	QSK19-G6	6	18.9	138.6	84	SLG354E
YN650C	YNS650C	650	520	N/A	N/A	KTAA19-G8	6	19	132	50	SLG354E
YN688C	YNS688C	688	550	N/A	N/A	KTAA19-G6A	6	19	155	50	SLG354F
YN688C	YNS688C	688	550	625	500	KT38-G	12	38	156	135	SLG354FS
YN800C	YNS800C	800	640	725	580	KT38-GA	12	38	160	135	SLG404G
YN788C	YNS788C	788	630	713	570	KTA38-G1/G1B	12	38	160	135	SLG404G
YN825C	YNS825C	825	660	750	600	KTA38-G2	12	38	167	135	SLG404G
YN888C	YNS888C	888	710	800	640	KTA38-G2B	12	38	167	135	SLG404G
YN1000C	YNS1000C	1000	800	910	728	KTA38-G2A	12	38	194	135	SLG404H
YN1100C	YNS1100C	1100	880	1000	800	KTA38-G5	12	38	209	135	SLG404J
YN1250C	YNS1250C	1250	1000	N/A	N/A	KTA38-G9	12	38	248	135	SLG404K
YN1375C	YNS1375C	1375	1100	1250	1000	KTA50-G3	16	50	261	176.8	SLG454A
YN1375C	YNS1375C	1375	1100	1250	1000	KTA50-G12	16	50	249	176.8	SLG454A
YN1600C	YNS1600C	1600	1280	1375	1100	KTA50-G12A	16	50	280	176.8	SLG454B
YN1650C	YNS1650C	1650	1320	1375	1100	KTA50-G8	16	50	289	204.4	SLG454B
YN1650C	YNS1650C	1650	1320	1500	1200	KTA50-GS8	16	50	309	204.4	SLG454C
YN1875C	YNS1875C	1875	1500	1675	1340	KTA50-G15X	16	50	400	259.3	SLG454E

GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 250-1875kVA)								
Genset Model		Emission	Dimensions L×W×H(m)		Weight(kg)		Fuel Tank Capacity(L)	
Open Type	Soundproof		Open Type	Soundproof Type	Open Type	Soundproof Type	Open Type	Soundproof Type
YN275C	YNS275C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	2600	3700	500	770
YN275C	YNS275C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	2900	4050	560	770
YN275C	YNS275C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	2900	4050	560	770
YN313C	YNS313C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	2730	3830	560	770
YN350C	YNS350C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	2800	3900	560	770
YN350C	YNS350C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	3100	4250	560	770
YN350C	YNS350C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	3100	4250	560	770
YN375C	YNS375C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	3150	4300	560	770
YN375C	YNS375C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	3150	4300	560	770
YN412C	YNS412C	N/A	3.3×1.15×1.92	4.2×1.5×2.1	3300	4450	570	770
YN450C	YNS450C	N/A	3.3×1.15×1.92	4.2×1.5×2.1	3350	4500	570	770
YN412C	YNS412C	N/A	3.3×1.15×1.92	4.2×1.5×2.1	3300	4450	570	770
YN500C	YNS500C	N/A	3.5×1.345×2.11	4.8×2.1×2.275	4200	5400	680	1212
YN550C	YNS550C	N/A	3.5×1.345×2.11	4.8×2.1×2.28	4300	5500	680	1212
YN500C	YNS500C	N/A	3.5×1.345×2.11	4.8×2.1×2.28	4200	5400	680	1212
YN500C	YNS500C	N/A	3.5×1.345×2.11	4.8×2.1×2.28	4200	5400	680	1212
YN625C	YNS625C	N/A	3.7×1.75×2.27	5.1x2.1x2.5	4600	6500	680	1300
YN650C	YNS650C	N/A	3.7×1.75×2.27	5.1x2.1x2.5	4600	6500	680	1300
YN650C	YNS650C	N/A	3.7×1.75×2.27	5.1x2.1x2.5	4600	6500	680	1300
YN650C	YNS650C	N/A	3.7×1.75×2.27	5.1x2.1x2.5	4600	6500	680	1300
YN688C	YNS688C	N/A	3.7×1.75×2.27	5.1x2.1x2.5	4650	6550	680	1300
YN688C	YNS688C	N/A	4.4×1.85×2.38	5.8×2.25×2.58	6435	8035	680	1300
YN800C	YNS800C	N/A	4.4×1.85×2.38	5.8×2.25×2.58	6800	8400	External fuel tank	1000
YN788C	YNS788C	N/A	4.4×1.85×2.38	5.8×2.25×2.58	6800	8400		1000
YN825C	YNS825C	N/A	4.4×1.85×2.38	5.8×2.25×2.58	6900	8500		1000
YN888C	YNS888C	N/A	4.4×1.85×2.38	5.8×2.25×2.58	7050	8700		1000
YN1000C	YNS1000C	N/A	4.4×1.85×2.38	5.8×2.25×2.58	7200	8800		1000
YN1100C	YNS1100C	N/A	4.4×1.85×2.23	5.8×2.25×2.58	7500	9000		1000
YN1250C	YNS1250C	N/A	4.4×1.85×2.23	20HQ Container	8400	12000		1000
YN1375C	YNS1375C	N/A	5.2×2.1×2.31	20HQ Container	9500	13500		1000
YN1375C	YNS1375C	N/A	5.2×2.1×2.31	20HQ Container	9500	13500		1000
YN1600C	YNS1600C	N/A	5.2×2.1×2.31	20HQ Container	9700	13700		1000
YN1650C	YNS1650C	N/A	5.4×2.1×2.31	20HQ Container	9700	13700		1000
YN1650C	YNS1650C	N/A	5.4×2.1×2.31	20HQ Container	10600	14860		1000
YN1875C	YNS1875C	N/A	5.4×2.1×2.31	20HQ Container	10800	15100		1000

GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 250-2000kVA)											
Genset Model		Standby Power		Prime Power		Engine Model	NO. of Cylinder	Displacement	Rated Fuel Consump-tion @100% Load	Lub Oil Capacity	Alternator Model
Open Type	Soundproof	kVA	kW	kVA	kW			L	L/h	L	
YN275C	YNS275C	275	220	250	200	QSNT-G6	6	14	62	38.6	SLG274K
YN313C	YNS313C	313	250	275	220	QSNT-G7	6	14	67.4	38.6	SLG314D
YN350C	YNS350C	350	280	313	250	QSNT-G1	6	14	75	38.6	SLG314E
YN300C	YNS300C	300	240	263	210	QSM11-G1	6	10.8	64.88	36.7	SLG314D
YN344C	YNS344C	344	275	300	240	QSM11-G2	6	10.8	71.37	36.7	SLG314E
YN375C	YNS375C	375	300	338	270	QSM11-G3	6	10.8	76.41	36.7	SLG314EL
YN388C	YNS388C	388	310	350	280	QSM11-G4	6	10.8	78.68	36.7	SLG314EL
YN400C	YNS400C	400	320	363	290	QSM11-G5	6	10.8	79.68	36.7	SLG314F
YN413C	YNS413C	413	330	375	300	QSM11-G6	6	10.8	82.73	36.7	SLG314F
YN388C	YNS388C	388	310	350	280	QSNT-G2	6	14	80.2	38.6	SLG314F
YN440C	YNS440C	440	352	400	320	QSNT-G3	6	14	87.4	38.6	SLG314G
YN500C	YNS500C	500	400	450	360	QSK19-G14	6	18.9	108.6	83	SLG354C
YN500C	YNS500C	500	400	455	364	QSK19-G15	6	18.9	105	84	SLG354D
YN550C	YNS550C	550	440	500	400	QSK19-G16	6	18.9	112	84	SLG354D
YN550C	YNS550C	550	440	500	400	QSK19-G13	6	18.9	109.5	83	SLG354D
YN625C	YNS625C	625	500	563	450	QSK19-G17	6	18.9	125	84	SLG354E
YN625C	YNS625C	625	500	575	460	QSK19-G12	6	18.9	144	84	SLG354E
YN700C	YNS700C	700	560	636	509	QSK19-G18	6	18.9	136	84	SLG354F
YN715C	YNS715C	715	572	650	520	QSK19-G4	6	18.9	145	84.4	SLG354F
YN750C	YNS750C	750	600	688	550	QSK19-G11	6	18.9	169.3	84	SLG404A
YN750C	YNS750C	750	600	688	550	QSK19-G19	6	18.9	143	84	SLG404A
YN825C	YNS825C	825	660	750	600	QSK19-G20	6	18.9	155	84	SLG404G
YN825C	YNS825C	825	660	750	600	QSK38-G8	12	37.7	168	170.3	SLG404G
YN888C	YNS888C	888	710	800	640	QSK38-G7	12	37.7	180	170.3	SLG404G
YN900C	YNS900C	900	720	819	655	QSK19-G21	6	18.9	167	84	SLG404H
YN1000C	YNS1000C	1000	800	909	727	QSK38-G9	12	37.8	216	117	SLG404H
YN1000C	YNS1000C	1000	800	910	728	QSK38-G6	12	37.7	197	170.3	SLG404H
YN1100C	YNS1100C	1100	880	1000	800	QSK38-G10	12	37.8	232	117	SLG404J
YN1100C	YNS1100C	1100	880	1000	800	QSK38-G1	12	37.7	212	170.3	SLG404J
YN1250C	YNS1250C	1250	1000	1135	908	QSK38-G11	12	37.8	255	117	SLG404K
YN1250C	YNS1250C	1250	1000	1135	908	QSK38-G2	12	37.7	235	170.3	SLG404K
YN1375C	YNS1375C	1375	1100	1250	1000	QSK38-G5	12	37.7	271	170.3	SLG454A
YN1400C	YNS1400C	1400	1120	1273	1018	QSK38-G12	12	37.8	274	117	SLG454B
YN1500C	YNS1500C	1500	1200	1375	1100	QSK38-G19	12	37.7	235	170.3	SLG454B
YN1540C	YNS1540C	1540	1232	1400	1120	QSK38-G13	12	37.8	291	117	SLG454B
YN1675C	YNS1675C	1675	1340	1523	1218	QSK38-G14	12	37.8	329	117	SLG454C
YN1765C	YNS1760C	1760	1408	1600	1280	QSK38-G15	12	37.8	329	117	SLG454D
YN625C	YNS625C	625	500	563	450	KTA19-G8E	6	19	121	50	SLG354E
YN688C	YNS688C	688	550	625	500	KTA19-G8A	6	19	141	50	SLG354FS
YN750C	YNS750C	750	600	681	545	KTA19-G9A	6	19	146	50	SLG404A
YN875C	YNS875C	875	700	810	648	KTA38-G2E	12	38	178	135	SLG404G
YN1000C	YNS1000C	1000	800	938	750	KTA38-G5E	12	38	202	135	SLG404H
YN1125C	YNS1125C	1125	900	1063	850	KTA38-G7E	12	38	227	135	SLG404K
YN1250C	YNS1250C	1250	1000	1125	900	KTA38-G9E	12	38	239	135	SLG404K
YN1375C	YNS1375C	1250	1000	1250	1000	KTA50-G3E	16	50	267	176.8	SLG454A
YN1500C	YNS1500C	1500	1200	1375	1100	KTA50-G7E	16	50	293	176.8	SLG454B
YN1625C	YNS1625C	1625	1300	1500	1200	KTA50-G8E	16	50	289	204.4	SLG454C
YN1875C	YNS1875C	1875	1500	1675	1340	KTA50-G15A	16	50	346	204.4	SLG454E
YN2000C	YNS2000C	2000	1600	1875	1500	KTA50-G16A	16	50	400	204.4	SLG454E

GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 250-2000kVA)								
Genset Model		Emission	Dimensions L×W×H(m)		Weight(kg)		Fuel Tank Capacity(L)	
Open Type	Soundproof		Open Type	Soundproof Type	Open Type	Soundproof Type	Open Type	Soundproof Type
YN275C	YNS275C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	2730	3830	560	770
YN313C	YNS313C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	2900	4050	560	770
YN350C	YNS350C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	2800	3900	560	770
YN300C	YNS300C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	2730	3830	560	770
YN344C	YNS344C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	2800	3900	560	770
YN375C	YNS375C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	3050	4200	560	770
YN388C	YNS388C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	3050	4200	560	770
YN400C	YNS400C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	3150	4300	560	770
YN413C	YNS413C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	3150	4300	560	770
YN388C	YNS388C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	3150	4300	560	770
YN440C	YNS440C	CHINA III	3.3×1.15×1.92	4.2×1.5×2.1	3350	4500	570	770
YN500C	YNS500C	CHINA III	3.5×1.345×2.11	4.8×2.1×2.28	4200	5400	680	1212
YN500C	YNS500C	CHINA III	3.5×1.345×2.11	4.8×2.1×2.28	4200	5400	680	1212
YN550C	YNS550C	CHINA III	3.5×1.345×2.11	4.8×2.1×2.28	4300	5500	680	1212
YN550C	YNS550C	CHINA III	3.5×1.345×2.11	4.8×2.1×2.28	4300	5500	680	1212
YN625C	YNS625C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4600	6500	680	1300
YN625C	YNS625C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4600	6500	680	1300
YN700C	YNS700C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4650	6500	680	1300
YN715C	YNS715C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4650	6500	680	1300
YN750C	YNS750C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4800	6700	680	1300
YN750C	YNS750C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4800	6700	680	1300
YN825C	YNS825C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4750	6650	External fuel tank	1000
YN825C	YNS825C	CHINA III	4.4×1.85×2.38	5.8×2.25×2.58	6900	8500		1000
YN888C	YNS888C	CHINA III	4.4×1.85×2.38	5.8×2.25×2.58	6900	8500		1000
YN900C	YNS900C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4760	6660		1000
YN1000C	YNS1000C	CHINA III	4.4×1.85×2.38	5.8×2.25×2.58	7200	8800		1000
YN1000C	YNS1000C	CHINA III	4.4×1.85×2.38	5.8×2.25×2.58	7200	8800		1000
YN1100C	YNS1100C	CHINA III	4.4×1.85×2.23	5.8×2.25×2.58	7500	9000		1000
YN1100C	YNS1100C	CHINA III	4.4×1.85×2.23	5.8×2.25×2.58	7500	9000		1000
YN1250C	YNS1250C	CHINA III	4.4×1.85×2.23	20HQ Container	8400	12000		1000
YN1250C	YNS1250C	CHINA III	4.4×1.85×2.23	20HQ Container	8400	12000		1000
YN1375C	YNS1375C	CHINA III	5.2×2.1×2.31	20HQ Container	9500	13500		1000
YN1400C	YNS1400C	CHINA III	5.4×2.1×2.31	20HQ Container	8400	12000		1000
YN1500C	YNS1500C	CHINA III	5.4×2.1×2.31	20HQ Container	8400	12000		1000
YN1540C	YNS1540C	CHINA III	5.4×2.1×2.31	20HQ Container	8400	12000		1000
YN1675C	YNS1675C	CHINA III	5.4×2.1×2.31	20HQ Container	8700	12300		1000
YN1765C	YNS1760C	CHINA III	5.4×2.1×2.31	20HQ Container	10000	12600		1000
YN638C	YNS638C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4600	6500		1000
YN694C	YNS694C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4650	6550		1000
YN750C	YNS750C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4650	6550		1000
YN875C	YNS875C	CHINA III	4.4×1.85×2.38	5.8×2.25×2.58	7050	8700		1000
YN1000C	YNS1000C	CHINA III	4.4×1.85×2.23	5.8×2.25×2.58	7500	9000		1000
YN1125C	YNS1125C	CHINA III	4.4×1.85×2.23	20HQ Container	8400	12000		1000
YN1250C	YNS1250C	CHINA III	4.4×1.85×2.23	20HQ Container	8400	12000		1000
YN1375C	YNS1375C	CHINA III	5.2×2.1×2.31	20HQ Container	9500	13500		1000
YN1500C	YNS1500C	CHINA III	5.4×2.1×2.31	20HQ Container	9700	13700		1000
YN1625C	YNS1625C	CHINA III	5.4×2.1×2.31	20HQ Container	9700	13700		1000
YN1875C	YNS1875C	CHINA III	5.4×2.1×2.31	40HQ Container	10200	18200		2000
YN2000C	YNS2000C	CHINA III	5.4×2.1×2.31	40HQ Container	11400	19400		2000

GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 20-480kWe)											
Genset Model		Standby Power		Prime Power		Engine Model	NO. of Cylinder	Displacement	Rated Fuel Consumption @100% Load	Lub Oil Capacity	Alternator Model
Open Type	Soundproof	kVA	kW	kVA	kW			L	L/h	L	
YN28C	YNS28C	28	22	25	20	4B3.9-G11	4	3.9	7.1	10.9	SLG184E
YN35C	YNS35C	35	28	31	25	4B3.9-G2	4	3.9	8.6	10.9	SLG184F
YN38C	YNS38C	38	30	35	28	4B3.9-G12	4	3.9	9.4	10.9	SLG184G
YN50C	YNS50C	50	40	45	36	4BT3.9-G2	4	3.9	10.7	10.9	SLG184H
YN69C	YNS69C	69	55	63	50	4BTA3.9-G2(G45E1)	4	3.9	15.9	10.9	SLG224D
YN85C	YNS85C	85	68	75	60	4BTA3.9-G2(G52E1)	4	3.9	17.4	10.9	SLG224F
YN96C	YNS96C	96	77	88	70	4BTA3.9-G11	4	3.9	20.1	10.9	SLG224F
YN115C	YNS115C	115	92	105	84	6BT5.9-G2(G75E1)	6	5.9	28.5	16.4	SLG274C
YN138C	YNS138C	138	110	125	100	6BT5.9-G2(G84E1)	6	5.9	29.7	16.4	SLG274D
YN143C	YNS143C	143	114	130	104	6BTA5.9-G2	6	5.9	31	16.4	SLG274D
YN160C	YNS160C	160	128	145	116	6BTAA5.9-G2	6	5.9	34	16.4	SLG274E
YN175C	YNS175C	175	140	160	128	6BTAA5.9-G12	6	5.9	38	16.4	SLG274E
YN184C	YNS184C	184	147	168	134	6CTA8.3-G2	6	8.3	36.8	27.6	SLG274E
YN209C	YNS209C	209	167	190	152	6CTA8.3-G2	6	8.3	44	27.6	SLG274F
YN230C	YNS230C	230	184	210	168	6CTAA8.3-G2	6	8.3	49	23.8	SLG274G
YN275C	YNS275C	275	220	N/A	N/A	6CTAA8.3-G9	6	8.9	68	23.8	SLG274J
YN275C	YNS275C	275	220	250	200	6LTAA8.9-G2	6	8.9	59	27.6	SLG274J
YN310C	YNS310C	310	248	280	224	6LTAA8.9-G3	6	8.9	62	27.6	SLG274J
YN315C	YNS315C	315	252	285	228	6LTAA9.5-G3	6	9.5	65	32.4	SLG274K
YN350C	YNS350C	350	280	320	256	6LTAA9.5-G1	6	9.5	68	32.4	SLG314D
YN425C	YNS425C	425	340	388	310	6ZTAA13-G3	6	13	81	45.4	SLG314E
YN5475C	YNS475C	475	380	438	350	6ZTAA13-G2	6	13	93.4	45.4	SLG314F
YN475C	YNS475C	475	380	438	350	6ZTAA13-G4	6	13	98.1	45.4	SLG314F
YN469C	YNS469C	469	375	438	350	QSZ13-G2	6	13	90.2	45.4	SLG314F
YN500C	YNS500C	500	400	475	380	QSZ13-G3	6	13	104.1	45.4	SLG314G
YN525C	YNS525C	525	420	475	380	QSZ13-G5	6	13	102.1	75.33	SLG354C
YN600C	YNS600C	600	480	550	440	QSZ13-G11	6	13	121	78	SLG354C
GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 310-400kWe)											
YN425C	YNS425C	425	340	388	310	QSZ13-G6	6	13	81	45.4	SLG314E
YN500C	YNS500C	500	400	450	360	QSZ13-G7	6	13	90.2	45.4	SLG314F

GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 20-480kWe)								
Genset Model		Emission	Dimensions L×W×H(m)		Weight(kg)		Fuel Tank Capacity(L)	
Open Type	Soundproof		Open Type	Soundproof Type	Open Type	Soundproof Type	Open Type	Soundproof Type
YN28C	YNS28C	N/A	1.8×0.85×1.33	2.3×1.1×1.29	700	1020	95	130
YN35C	YNS35C	N/A	1.8×0.85×1.33	2.3×1.1×1.29	730	1050	95	130
YN38C	YNS38C	N/A	1.8×0.85×1.33	2.3×1.1×1.29	730	1050	95	130
YN50C	YNS50C	N/A	1.8×0.85×1.33	2.3×1.1×1.29	830	1120	95	130
YN69C	YNS69C	N/A	1.9×0.85×1.33	2.3×1.1×1.29	930	1300	135	130
YN85C	YNS85C	N/A	1.9×0.85×1.33	2.3×1.1×1.29	950	1320	135	130
YN96C	YNS96C	N/A	1.9×0.85×1.33	2.3×1.1×1.29	1000	1370	135	130
YN115C	YNS115C	N/A	2.2×0.94×1.48	2.8×1.1×1.47	1150	1600	230	280
YN138C	YNS138C	N/A	2.2×0.94×1.48	2.8×1.1×1.47	1170	1620	230	280
YN143C	YNS143C	N/A	2.2×0.94×1.48	2.8×1.1×1.47	1180	1630	230	280
YN160C	YNS160C	N/A	2.35×0.95×1.50	2.8×1.1×1.47	1280	1700	260	280
YN175C	YNS175C	N/A	2.35×0.95×1.52	2.8×1.1×1.70	1300	1760	260	280
YN184C	YNS184C	N/A	2.4×0.95×1.57	2.8×1.1×1.80	1630	2230	280	280
YN209C	YNS209C	N/A	2.4×0.95×1.57	2.8×1.1×1.80	1650	2250	280	330
YN230C	YNS230C	N/A	2.55×1.0×1.57	3.0×1.2×1.80	1750	2350	310	380
YN275C	YNS275C	N/A	2.6×1.05×1.82	3.8×1.3×1.85	1950	2750	400	400
YN275C	YNS275C	N/A	2.6×1.05×1.82	3.8×1.3×1.85	1950	2750	400	400
YN310C	YNS310C	N/A	2.6×1.05×1.82	3.8×1.3×1.85	2000	2800	560	770
YN315C	YNS315C	N/A	2.6×1.05×1.82	3.8×1.3×1.85	2050	2850	560	770
YN350C	YNS350C	N/A	2.6×1.05×1.82	3.8×1.3×1.85	2150	2950	560	770
YN425C	YNS425C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	3100	4200	560	770
YN5475C	YNS475C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	3200	4350	560	770
YN475C	YNS475C	N/A	3.0×1.1×1.92	4.2×1.5×2.1	3200	4350	560	770
YN469C	YNS469C	N/A	3.5×1.345×2.11	4.8×2.1×2.275	4200	5400	680	1212
YN500C	YNS500C	N/A	3.5×1.345×2.11	4.8×2.1×2.275	4200	5400	680	1212
YN525C	YNS525C	N/A	3.5×1.345×2.11	4.8×2.1×2.275	4200	5400	680	1212
YN600C	YNS600C	N/A	3.5×1.345×2.11	4.8×2.1×2.275	4200	5400	680	1212
GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 310-400kWe)								
YN425C	YNS425C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	3100	4200	560	770
YN500C	YNS500C	CHINA III	3.5×1.345×2.11	4.8×2.1×2.275	4200	5400	560	770

GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 220-1500kWe)											
Genset Model		Standby Power		Prime Power		Engine Model	NO. of Cylinder	Displacement	Rated Fuel Consumption @100% Load	Lub Oil Capacity	Alternator Model
Open Type	Soundproof	kVA	kW	kVA	kW			L	L/h	L	
YN275C	YNS275C	275	220	N/A	N/A	NT855-GA	6	14	59.4	38.6	SLG274J
YN344C	YNS344C	344	275	313	250	NTA855-G1	6	14	73.4	38.6	SLG314D
YN375C	YNS375C	375	300	344	275	NTA855-G2	6	14	80.5	38.6	SLG314D
YN385C	YNS385C	385	308	350	280	NTA855-G1B	6	14	80.5	38.6	SLG314D
YN438C	YNS438C	438	350	394	315	NTA855-G3	6	14	87.1	38.6	SLG314E
YN500C	YNS500C	500	400	438	350	KTA19-G2	6	19	97.6	50	SLG314F
YN525C	YNS525C	525	420	475	380	M15-G7	6	14.5	98	53	SLG314G
YN563C	YNS563C	563	450	513	410	M15-G8	6	14.5	101	53	SLG354C
YN563C	YNS563C	563	450	513	410	KTA19-G3	6	19	110.6	50	SLG354C
YN625C	YNS625C	625	500	563	450	KTA19-G4 KTA19-G3A	6	19	120	50	SLG354D
YN688C	YNS688C	688	550	588	470	KTAA19-G5	6	19	132	50	SLG354E
YN750C	YNS750C	750	600	N/A	N/A	KTAA19-G6A	6	19	167	50	SLG354E
YN850C	YNS850C	850	680	775	620	KT38-G	12	38	154	135	SLG354F
YN963C	YNS963C	963	770	875	700	KTA38-G1	12	38	198	135	SLG404G
YN963C	YNS963C	963	770	875	700	KTA38-G1B	12	38	198	135	SLG404G
YN1000C	YNS1000C	1000	800	906	725	KTA38-G2	12	38	203.5	135	SLG404G
YN1038C	YNS1038C	1038	830	938	750	KTA38-G2B	12	38	203.5	135	SLG404H
YN1125C	YNS1125C	1125	900	1000	800	KTA38-G2A	12	38	221	135	SLG404H
YN1250C	YNS1250C	1250	1000	1125	900	KTA38-G4	12	38	245	135	SLG404J
YN1250C	YNS1250C	1250	1000	1125	900	KTA38-G4B	12	38	245	135	SLG404J
YN1375C	YNS1375C	1375	1100	N/A	N/A	KTA38-G9	12	38	267	135	SLG404K
YN1575C	YNS1575C	1575	1260	1375	1100	KTA50-G3	16	50	290	176.8	SLG454A
YN1475C	YNS1475C	1475	1180	1413	1130	KTA50-G12	16	50	270	176.8	SLG454A
YN1750C	YNS1750C	1750	1400	1525	1220	KTA50-G12A	16	50	315.5	176.8	SLG454B
YN1875C	YNS1875C	1875	1500	1575	1260	KTA50-G9	16	50	330	204.4	SLG454B
GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 250-1240kWe)											
YN350C	YNS350C	350	280	313	250	QSM11-G1	6	10.8	76.74	36.7	SLG314D
YN375C	YNS375C	375	300	338	270	QSM11-G2	6	10.8	78.61	36.7	SLG314D
YN388C	YNS388C	388	310	350	280	QSM11-G3	6	10.8	81.88	36.7	SLG314D
YN400C	YNS400C	400	320	363	290	QSM11-G4	6	10.8	83.55	36.7	SLG314E
YN400C	YNS400C	400	320	363	290	QSM11-G5	6	10.8	83.6	36.7	SLG314E
YN413C	YNS413C	413	330	375	300	QSM11-G6	6	10.8	86.74	36.7	SLG314E
YN438C	YNS438C	438	350	400	320	QSNT-G3	6	14	94.4	38.6	SLG314EL
YN688C	YNS688C	688	550	625	500	QSK19-G4	6	18.9	140	84.4	SLG354E
YN750C	YNS750C	750	600	688	550	QSK19-G5	6	18.9	151	84.4	SLG354E
YN750C	YNS750C	750	600	688	550	QSK19-G8	6	18.9	151	84.4	SLG354E
YN1438C	YNS1438C	1438	1150	1200	960	QSK38-G5	12	37.7	262	170.3	SLG404K
YN1550C	YNS1550C	1550	1240	1375	1100	QSK38-G4	12	37.7	298	170.3	SLG454A

60 Hz		3P 4W		440 V		Pf 0.8		Cummins	
GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 220-1500kWe)									
Genset Model		Emission	Dimensions L×W×H(m)		Weight(kg)		Fuel Tank Capacity(L)		
Open Type	Soundproof		Open Type	Soundproof Type	Open Type	Soundproof Type	Open Type	Soundproof Type	
YN275C	YNS275C	N/A	3.1×1.1×1.92	4.2×1.5×2.10	2880	4030	560	770	
YN344C	YNS344C	N/A	3.1×1.1×1.92	4.2×1.5×2.10	3050	4150	560	770	
YN375C	YNS375C	N/A	3.1×1.1×1.92	4.2×1.5×2.10	3050	4150	560	770	
YN385C	YNS385C	N/A	3.1×1.1×1.92	4.2×1.5×2.10	3050	4150	560	770	
YN438C	YNS438C	N/A	3.3×1.15×1.92	4.2×1.5×2.10	3150	4250	560	770	
YN500C	YNS500C	N/A	3.5×1.345×2.11	4.8×2.1×2.275	4200	5400	680	1212	
YN525C	YNS525C	N/A	3.5×1.345×2.11	4.8×2.1×2.28	4200	5400	680	1212	
YN563C	YNS563C	N/A	3.5×1.345×2.11	4.8×2.1×2.28	4300	5500	680	1212	
YN563C	YNS563C	N/A	3.5×1.345×2.11	4.8×2.1×2.275	4200	5400	680	1212	
YN625C	YNS625C	N/A	3.5×1.345×2.11	4.8×2.1×2.28	4300	5500	680	1212	
YN688C	YNS688C	N/A	3.7×1.75×2.27	5.1x2.1x2.5	4600	6400	680	1212	
YN750C	YNS750C	N/A	3.7×1.75×2.27	5.1x2.1x2.5	4650	6500	680	1300	
YN850C	YNS850C	N/A	4.4×1.85×2.38	5.8×2.25×2.61	6800	8400	External fuel tank	1000	
YN963C	YNS963C	N/A	4.4×1.85×2.39	5.8×2.25×2.61	6800	8400		1000	
YN963C	YNS963C	N/A	4.4×1.85×2.39	5.8×2.25×2.61	6800	8400		1000	
YN1000C	YNS1000C	N/A	4.4×1.85×2.39	5.8×2.25×2.61	6800	8400		1000	
YN1038C	YNS1038C	N/A	4.4×1.85×2.38	5.8×2.25×2.61	7050	8700		1000	
YN1125C	YNS1125C	N/A	4.4×1.85×2.40	5.8×2.25×2.61	6800	8400		1000	
YN1250C	YNS1250C	N/A	4.4×1.85×2.40	5.8×2.25×2.61	6800	8400		1000	
YN1250C	YNS1250C	N/A	4.4×1.85×2.40	5.8×2.25×2.61	6800	8400		1000	
YN1375C	YNS1375C	N/A	4.4×2.1×2.23	5.8×2.25×2.61	8400	12000		1000	
YN1575C	YNS1575C	N/A	5.4×2.1×2.31	20HQ Container	9500	13100		1000	
YN1475C	YNS1475C	N/A	5.4×2.1×2.31		9500	13500		1000	
YN1750C	YNS1750C	N/A	5.4×2.1×2.31		9700	13700		1000	
YN1875C	YNS1875C	N/A	5.4×2.1×2.31		10000	14000	1000		
GENERATING SETS POWERED BY CUMMINS ENGINE (Power Range: 250-1240kWe)									
YN350C	YNS350C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	2730	3830	560	770	
YN375C	YNS375C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	2800	3900	560	770	
YN388C	YNS388C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	3050	4200	560	770	
YN400C	YNS400C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	3050	4200	560	770	
YN400C	YNS400C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	3150	4300	560	770	
YN413C	YNS413C	CHINA III	3.0×1.1×1.92	4.2×1.5×2.1	3150	4300	560	770	
YN438C	YNS438C	CHINA III	3.3×1.15×1.92	4.2×1.5×2.1	3350	4500	570	770	
YN688C	YNS688C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4600	6400	680	1212	
YN750C	YNS750C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4600	6400	680	1212	
YN750C	YNS750C	CHINA III	3.7×1.75×2.27	5.1x2.1x2.5	4600	6400	680	1212	
YN1438C	YNS1438C	CHINA III	4.4×2.1×2.23	20ft Container	8400	12000	External fuel tank	1000	
YN1550C	YNS1550C	CHINA III	4.4×2.1×2.23	20ft Container	8400	12000		1000	



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X3000 SERIES

www.shacman.com



S U C C E S S W I T H Q U A L I T Y





E F F I C I E N T · F A S T · S A F E · F U E L S A V I N G

SHACMAN *X3000 SERIES*



REDEFINED R & D STANDARDS
GLOBAL LEADING MANUFACTURER



Largest commercial vehicle production facility in Asia: adopting global standards process, top production process in China.



R & D system follows the world's 6D standards to ensure the efficiency and rationalization of the development process.



Utilizing world class VMI mode of supply chain inventory management to ensure the highest quality of the complete vehicles.



Leading TPS manufacturing standards proposed in production for full implementation of lean manufacturing.



6 Sigma quality management provides PDCA circulation to improve the quality management system to world-class quality.

SURGING POWER • FUEL ECONOMY • ULTIMATE COMFORT • INTELLIGENT DRIVING

Inheriting 54 years' experience of SHACMAN in military vehicle technology, relying on the R&D capabilities of national enterprise technology center and post-doctoral workstation. SHACMAN X3000 series brings new performance with outstanding power, distinguished economy, comfortable drive in excellent safety.



GLOBAL SHARING PARTS INTERNATIONAL SUPPLY SYSTEMS



For more reliable performance, SHACMAN vehicles are equipped with parts from world renowned suppliers such as Williams, German ZF, and USA Eaton, WABCO valve and air dryer system, German VOSS quick docking system with better vehicle air tightness and pressure capacity.

High horsepower engine combined with AVL and BOSCH delivering surging power. Customized for SHACMAN vehicles with intelligent fuel saving system to automatically adjust according to changing weight of the vehicle. Strong power with large output torque, lower engine speed at maximum torque, excellent power and explosive force in the industry.

CUMMINS and SHACMAN Group jointly developed the ISM series fully electronically controlled engines. Five key systems take the leading position in the world, the horsepower with a range of 385-440HP, heavy torque, fuel economy, good product adaptability, strong power, perfect handling and low noise as well as first-class reliability and durability, maintenance free for 1 million kilometers.

Large center distance 10/12 gearbox with unique twin shaft structure. Characterized with advanced reliable low speed ratio and high grade ability, efficient transportation, and lower fuel consumption; Especially suitable for long distance transportation in tough working conditions.

World-leading single reduction axle by introducing heavy duty off-road military truck axle technology, FAG low-drag & maintenance-free bearing technology, and 500,000 km maintenance-free. Continuous operation by 1.318 million times impulsive axial loads. Lower fuel consumption and bearing capacity, faster economic speed and fewer fuel consumption.



WEICHAI POWER



CUMMINS POWER



FAST GEARBOX



HANDE AXLE



S U C C E S S W I T H Q U A L I T Y

FUEL SAVING+

MILITARY QUALITY, SAFE & RELIABLE

● Modular design for pipelines of oil, gas and electricity

Optimized fuel, brake and steering lines, brake response time reduced by 20% while line protection capabilities increased. The dryer tank and water-oil separator two-stage dewater and oil removal protection to ensure compressed air drying and cleaning, significantly improve the reliability of brake system with less pipeline freezing and congestion caused by security risks and more traffic safety. X3000 succeeded in the rigorous mile test, over 12 million kilometers cumulative mileage with the overall improvement of electrical components.

● High strength light weight assemblies and components

High strength steel plate used for the cab. Optimized internal and external decoration material thickness topology in lightweight. The aluminum flywheel shell used for engine. FAST 12-speed lightweight aluminum alloy gearbox. HANDE in MAN technology 13 ton lightweight single reduction axles. Aluminum alloy rims and storage cylinder, new generation lightweight 90 saddle (corrugated board structure), together with aluminum alloy fuel tank to provide higher reliability and significantly reduce the weight.

● Complete windage innovation

Brand new European body style and CFD optimization to reduce the windage coefficient to 0.53, improving the air resistance and fuel consumption.

● High strength frame with lightweight suspension

New structure widened single frame (940mm for the front, 850mm for the rear); imported high strength alloy steel once stamping. Fewer leaf springs at the front and rear. Disconnected lightweight balance shaft suspension used to reduce vibration intensity and combined lightweight with anti-fatigue.

● European standards, military quality

The complete vehicle technology derived from European platform, over 50 years of military vehicle manufacturing bringing reliable quality. Suspension endures over 138 thousand times fatigue tests (80000 times as specified in national standard) for longer life expectancy, 72% higher than the national requirements.



05/06 SUCCESS WITH QUALITY

S U C C E S S W I T H Q U A L I T Y



START YOUR TRANSIT

— WITH A RELIABLE PARTNER

Peaceful mind guarantees safe driving on the road. We hereby equip the X3000 series with active and passive safety configurations. Laser welding technology for the cab with ABB and KUKA robots automatic welding for the vehicle body, higher accuracy, more even solder joint distribution, stronger anti-impact ability. All above contributes to passing European latest 'ECE-R29' crash test. The cab safety is complimented by ABS+WEVB and world's most outstanding JACOBS engine braking system. X3000, a real partner you can depend on.



①



New European design cabin presented in a magnificent and vigorous style.

②



Color separation rearview mirror, matched with one key operation for easy adjustment of angle.

③



Openable side window improves the transparency and visibility for safer vehicle driving.

④



Integral headlamp design with electric control function for easy maintenance, more safety ensured by daytime driving lights.

E F F I C I E N T · F A S T · S A F E · F U E L S A V I N G

EUROPEAN CAB EXTERIORS

The cab adopts European fluid sculpture technology with innovative interiors. The original multi-layer 'suction' noise reduction technology lower the interior noise decibel to 55-73 dB, fostering an excellent mute environment.

No-slot designed exterior with increased area of the radiator to improve inner flow field. Combination headlights, wide range of lighting with better effect. Except the handsome appearance, no dark areas from near to far can be ensured. Plus, daytime running lights to secure more in motion.

Electric heating integral rear-view mirror, openable side windows, the wide- angle lens and bottom-view mirror allow you to have an excellent vision and effectively improve the driving safety.

The external flow field is improved for the complete vehicle to reduce the friction and impact between the air and body surface. The aerodynamic noise control optimized to only 33dB, better than the European average level.

New generation of four-point air suspension system and transverse shock absorber, works for a better driving ride comfort. Body vibration frequency can meet European standards with comfort increased by 55%.



09/10 SUCCESS
WITH
QUALITY



CAR-LIKE INTERIORS



- Luxury car interior, pure natural anion fiber fabrics, 900 mm width of the lower bed, 800mm for the upper bed, both in 100 mm thickness. With the use of high quality and comfortable sponge material, the beds has good air permeability and more comfortable for sitting and lying combined large storage space, fully meet the storage needs of any driving route.
- An integrated 450 four-way adjustable steering wheel, multifunctional combination switch; More than 185,000 times fatigue tests, one-click for fast ignition function, more convenient control and more secured driving.
- On-board multimedia (radio, DVD, navigation, fleet management, lock, fuel anti-theft, battery anti-theft). Inverter power supply AC 220V and rated power 150W to meet the requirements of mobile phones and laptops.
- Intelligent door control system, integrated power glass lifting, power mirrors, electric heated rearview mirrors and central-control door lock, with remote control of glass lifting and remote control for easy operation.

- Electronic thermostatic air conditioning can realize intelligent temperature adjustment according to the interior temperature. Easy operation on large air volume, fast cooling and warm defrosting.
- The industrial widest lower sleeper berth, up to 900mm width, the upper 800mm, thickness 100mm. Besides, the application of high quality and comfortable sponge material keeps the cab well-ventilated, comfort for sitting and rest quality ensured in long-distance transport.
- New telescopic shift control system realizes actual shift force decreased by 60% ~ 45, no off and jump, with good sealing and easy operation.
- Plentiful intelligent systems for option: lane departure warning system(LDWS), tire pressure monitoring system(TPMS), intelligent wipers, fatigue monitoring system, blind zone monitoring plus 360 scanning.

E F F I C I E N T · F A S T · S A F E · F U E L S A V I N G



8.7 - TON LIGHTWEIGHT LEAD NEW OPERATION PLATFORM

LIGHTWEIGHT FRAME & SUSPENSION OF HIGH STRENGTH

New structure widened single frame with reconstructed frame(940mm for the front, 850mm for the rear). Imported high strength 6000-ton hydraulic alloy steel. More lightweights are realized by adopting the new patented 'X' cast beams, really in good combination with reconstructed frame.

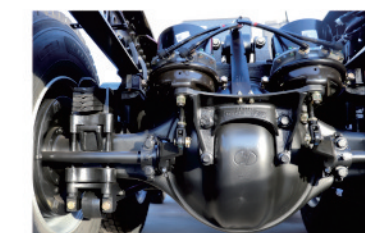
European leading new model uses the fewer leaf spring designs at the front and the rear. Lightweight disconnected balance shaft suspension is used to effectively reduce the vibration intensity, characterized as both lightweight and anti fatigue capability.

HIGH STRENGTH CAB BUT IN LIGHTWEIGHT

The cab made of high strength steel plate, both internal and external decoration material thickness topology optimized but with lighter weight. Aluminum flywheel shell used for the engine. Fast 12-speed lightweight aluminum alloy gearbox. HANDE 13 - ton lightweight single stage axle.

Aluminum alloy applied to rims, storage cylinder and fuel tank. New generation lightweight 90 saddle (lightweight corrugated board structure), with high strength and reliability.

13/14 SUCCESS
WITH
QUALITY





X3000 Trailer Truck					
Drive	4×2	6×4			
Vehicle versions	Compound	Light-weight	Compound	Enhanced	Super
GCW(t)	50	55	70	90	120

Main configuration	Cab	Type	Extended high roof/Extended flat roof			
		Suspension	Air suspension/Hydraulic suspension			
		Seat	Air main seat/Hydraulic main seat			
		Air conditioner	Electric automatic constant temperature AC/Single cooling AC			
	Engine	Brand	WEICHAI & CUMMINS			
		Emmission Standards	EURO II/EURO III/EURO V/EURO VI			
		Rated Power(hp)	340-560			
		Rated Speed(r/min)	1800-2200			
		Max torque /Speed range(N.m/r/min)	1400-2550/1000-1500			
		Displacement(L)	8-13			
	Clutch	Type	Φ 430 diaphragm spring clutch			
		Brand	FAST			
	Transmission	Shift type	MT(F10/F12/F16)			
		Max torque(N.m)	2000 (2400N.m transmission for engines over 430hp)			
	Frame	Dimensions(mm)	(940-850)×300 (single-layer 8mm)	(940-850)×300 (single-layer 8mm)	(940-850)×300 (single-layer 8mm)	850×300(8+5) 850×300(8+7)
	Axle	Front axle	7.5t axle	7.5t axle	7.5t axle	7.5t axle
		Rear axle	13t double-stage	13t single-stage	13t double-stage	13t double-stage
		Ratio	4.266(3.866)	3.364(3.700)	3.866(4.266)	4.266(4.769)
	Suspension	Leaf springs	F10/R15	F3/R4	F10/R12	F10/R12
	Tire	Type	12R22.5	12R22.5	12.00R20	12.00R20

Performance	Economic/Max speed(km/h)	50-70/100	60-85/110	50-70/100	45-60/95	45-60/95
	Minimum clearance of chassis(mm)	245	245	270	270	270
	Max gradeability	30%	27%	30%	30%	30%
	Saddle height above ground(mm)	1385±20	1320±20	1410±20	1410±20	1420±20
	Front/rear turning radius(mm)	2120/2000	2650/2200	2650/2200	2650/2200	2650/2200

Weight	Curb weight(t)	6.8	8.5	9.2	9.6	9.8
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Size	Dimensions(mm)	6150×2490×(3170-3685)	6825×2490×(3155-3660)	6825×2490×(3235-3725)	6825×2490×(3235-3725)	6825×2490×(3255-3745)
	Wheel base(mm)	3600	3175+1400	3175+1400	3175+1400	3175+1400
	Tread(mm)			2036/1860		

Basic equipment	Electric window lifter, electric heated rearview mirror, electric tilt cab, central control lock(dual remote control), multi-function steering wheel, cruise control(models with electronically controlled engine)
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Options	Integral fenders, Telematics(overseas version), JOST 90 saddle, hydraulic retarder, PTO
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X3000 Dump Truck			
Drive	6×4	8×4	8×4
Vehicle versions	Enhanced	Enhanced	Super
GVW(t)	50	70	90

Main configuration	Cab	Type	Extended flat roof/Middle-length flat roof		
		Suspension	Air suspension/Hydraulic suspension		
		Seat	Air main seat/Hydraulic main seat		
		Air conditioner	Electric automatic constant temperatureAC; Single cooling AC		
	Engine	Brand	WEICHAİ POWER & CUMMINS		
		Emmission Standards	EURO II/EURO III/EURO V/EURO VI		
		Rated Power(hp)	340-430	340-560	
		Rated Speed(r/min)	1800-2200		
		Max torque /Speed range(N.m/r/min)	1400-2550/1000-1500		
		Displacement(L)	8-13		
	Clutch	Type	Φ 430 diaphragm spring clutch		
		Brand	FAST		
	Transmission	Shift type	MT(F9/F10/F12/F16)		
		Max torque(N.m)	1800/1600/2400		
	Frame	Dimensions(mm)	850×300(8+7)	850×300(8+7)	850×320(8+7+8)
		Front axle	9.5t front axle		
	Axle	Rear axle	16t double-reduction casting rear axle		
Ratio		5.262/5.92	5.262/5.92	5.262/5.92	
Suspension	Leaf springs	F10/R12	F10/R12	F14/R12	
Tire	Type	12.00R20	12.00R20	12.00R20	

Performance	Economic/Max speed(km/h)	40-55/80	45-60/85	45-60/80
	Minimum clearance of chassis(mm)	285	285	285
	Max gradeability	30%	30%	30%

Weight	Curb weight(t)	9.4	10.8	12.5
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Size	Dimensions(mm)	7550×2490×(3220±30)	9500×2490×(3250±30)	9500×2490×(3220±30)
	Wheel base(mm)	3775+1400	1800+3775+1400	1800+3775+1400
	Tread(mm)	2036/1860	2036/1860	2036/1860

Bodywork	Packing case size(mm)	5600×2300×1500	7600×2300×1500	7600×2300×1500
Basic equipment	Electric window lifter, ordinary rearview mirror, manualtilt cab, central control lock(dual remote control), cruise control(models with electronically controlled engine)			
Options	Telematics(overseas version), hydraulic retarder,electric heated rear mirror, electric tilt cab			



X3000 Cement Mixer		
Drive	6×4	8×4
Vehicle versions	Enhanced	Enhanced
GVW	35	50

Main configuration	Cab	Type	Extended flat roof/Middle-length flat roof	
		Suspension	Air suspension/Hydraulic suspension	
		Seat	Air main seat/Hydraulic main seat	
		Air condition	Electric automatic constant temperature AC/Single cooling AC	
	Engine	Brand	WEICHAI POWER & CUMMINS	
		Emmission Standards	EURO II/EURO III/EURO V	
		Rated Output (kW/r/min)	340-430	
		Rated Speed(r/min)	1800-2200	
		Max torque /Speed range(N.m/r/min)	1400-2000/1000-1500	
		Displacement (L)	10-12	
	Clutch	Type	Φ 430 diaphragm spring clutch	
	Transmission	Brand	FAST	
		Shift type	MT(F9/F10/F12/F16)	
		Max torque (N.m)	2000	
	Frame	Dimensions (mm)	850×300(8+7)	850×300×(8+7)
	Axle	Front axle (t)	HANDE 9.5t forging front axle	HANDE 9t forging front axle
		Rear axle (t)	HANDE 16t double reduction casting rear axle	HANDE 16t double reduction casting rear axle
		Ratio	5.262/5.92	5.262/5.92
Suspension	Type	F10/R12	F14/R12	
	Tire	Type	12.00R20	

Performance	Economic/Max speed (km/h)	40 ~ 55/80	45 ~ 60/85
	Minimum clearance of chassis (mm)	285mm	285mm
	Max gradeability (%)	30%	30%

Weight	Curb weight (kg)	9400	10850
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Size	Dimensions (mm)	8200×2490×(3220±30)	9400×2490×(3220±30)
	Wheel base (mm)	3775+1400	1800+2975+1400
	Tread (mm)	2036/1860	2036/1860

Bodywork	Packing case size (mm)	10m³	12m³
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Basic equipment	Electric window lifter, ordinary rearview mirror, manual tilt cab, central-control lock(dual remote control)		
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Options	Telematics(overseas version),electric heated rear mirror, electric tilt cab		
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X3000 Oil Tanker(Sprinkler)			
Drive		6×4	8×4
Vehicle versions		Compound	Compound
GVW		40	50
Main configuration	Cab	Type	Extended flat roof/Middle-length flat roof
		Suspension	Air suspension/Hydraulic suspension
		Seat	Air main seat/Hydraulic main seat
		Air condition	Electric automatic constant temperature AC/Single cooling AC
	Engine	Brand	WEICHAI POWER & CUMMINS
		Emmission Standards	EURO II/EURO III/EURO V
		Rated Output (kW/r/min)	340-430
		Rated Speed(r/min)	1800-2200
		Max torque /Speed range(N.m/r/min)	1400-2000/1000-1500
		Displacement (L)	10-12
	Clutch	Type	Φ 430 diaphragm spring clutch
	Transmission	Brand	FAST
		Shift type	MT(F9/F10/F12/F16)
		Max torque (N.m)	2000
	Frame	Dimensions (mm)	850×300 (8+5)
	Axle	Front axle (t)	MAN 7.5T
		Rear axle (t)	13T MAN
		Ratio	5.262
	Suspension	Type	F10/R12
	Tire	Type	12.00R20
Performance	Economic/Max speed (km/h)		50 ~ 70/90
	Minimum clearance of chassis (mm)		270mm
	Max gradeability (%)		30%
Weight	Curb weight (kg)		9400
Size	Dimensions (mm)		9700×2490×(3220±30)
	Wheel base (mm)		4375+1400
	Tread (mm)		2036/1860
Bodywork	Packing case size (mm)		20m³
Basicequipment	Electric window lifter, ordinary rearview mirror, manual tilt cab, central-control lock(dual remote control)		
Options	Telematics(overseas version), electric heated rear mirror, electric tilt cab, fireproof cover		