

信任固泰力，永远有电力
TRUST GTL, POWER FOREVER



YOUR LOCAL DISTRIBUTOR

GTL.POWER SYSTEMS
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.POWER SYSTEMS

TRUST GTL, POWER FOREVER



POWER GENERATORS

10-3500KVA | 50HZ



BECAUSE WE CAN

5 reasons for choosing GTL

1. Safe and reliable, stable and safe power output can be guaranteed at any time.

- I. Select high-quality construction members carefully.
- II. Advanced satisfactory calculation design.
- III. Excellent whole configuration design.

2. Wide application: provide each rigor application occasion with high-quality electric power.

- I. Constantly improved and innovated application scheme.
- II. Stable and reliable standard configuration and rich optional configuration.

3. Easy application: convenient and quick repair and maintenance.

- I. Shorter time for halt maintenance and longer maintenance interval.
- II. Humanized design related to all the maintenance point.

4. Suitable for lease:

- I. safe and compact design.
- II. Lasting power, sturdy and durable.
- III. The trailer chassis meets the design requirement of road safety law, and it can be moved easily at any time.

5. Value keeping:

- I. Top engine and generator brand, super high resell price
- II. Complete unit fault protection function, extending the service life.

Safe, Reliable,
Environment-Protecting,
Advanced

COMPANY INTRODUCTION

Since 2000, Xiamen GTL Power System Co., Ltd has accumulated a rich experience in manufacturing of generator sets, being in a leading position in the industry. Headquarter located in Xiamen China, GTL designs, manufactures and sells full range of diesel generators. The use of european optimum and professional design, GTL sets up complete quality control system according to ISO9001. Using world-class engine/alternator brands and microcomputer control systems, GTL product have advantages of low noise, easy control, easy start, sufficient output, low consumption and low emissions etc.

Over the years, GTL generators have been distributed in all countries and regions with its first-class product and quality service, and widely used in all kinds of industries and systems, such as telecom, oil, manufacturing, bank, post, hotel, office building, airport, military, engineering construction and so on. Moreover, GTL can provide special solutions based on users' specific needs, offer reliable and efficient power protection in different industry. It wins the favor of domestic and foreign customers on its superior product performance.

Manufacturing

Over 10 years's experience. GTL has complete a fully production capacity. The business idea of 'Client first' is promoting GTL development in the field of processing and assembly.



R & D

Concept planning and technical problem solving to achieve power industrial technology development, integration and innovation.



Our Team

A team with spirit of collaboration, unity, hard work, pioneering and pragmatic is the power of GTL development.



ENTERPRISE
CULTURE

Advocating Morality and Honesty,
Know More, Do Better

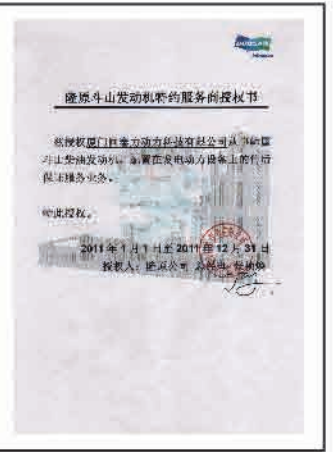
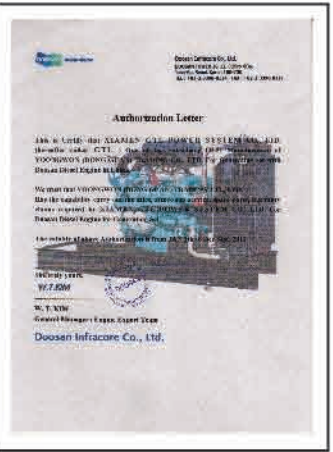
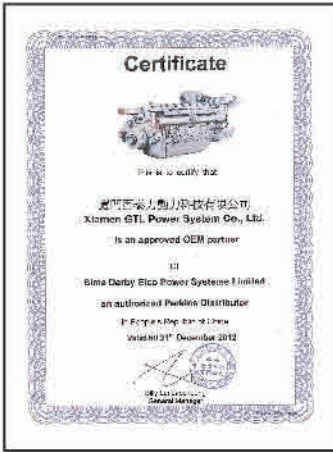
GTL Qualities	Company Vision
Integrity like the pine, Fortitude like the steel tolerant like the sea action like the wind	Worldwide product reputation, excellent quality inheritance
Company Mission	Product image
Advocate green power, Guard lamplights of families	Exquisite detail, outstanding quality
Product Concept	Service concept
"User Satisfaction" is persistent tenet of the company and providing "ZERO-defect" product and excellent services to users is the unchanging objective of all of GTL employees	All for customers, develop with customers

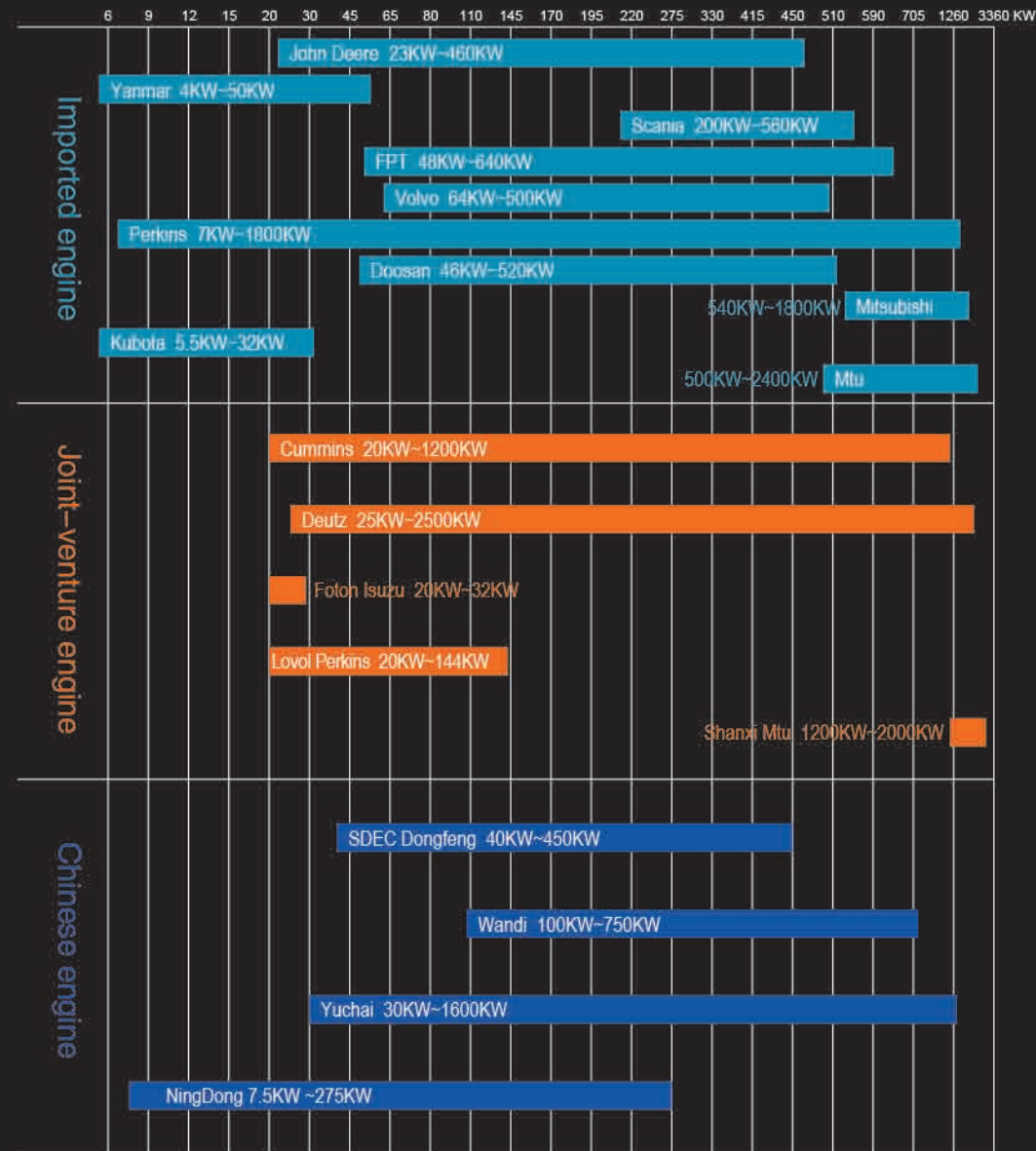
MANUFACTURE

		CE Certificate
ISO9000 Certificate	ISO14000 Certificate	BV Certificate



Qualification certificate





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PRODUCT STANDARDS AND SPECIFICATIONS INTRODUCTION

RELIABLE,DURABLE,AND FAITHWORTHY POWER SYSTEM

Production Standards

The technical datas of all generator sets conform to ISO 8528 (GB/T2820-97) 、ISO 3046、BS.EN 60034、BS5000、IEC 34-1、VDE0530、NEMA MG1-32、GB755、CSA 22-2、AS 1359、CE、ISO 9001, other international and national quality standard and ISO 14001 emission standard.

Genral Guidelines for Derating

Below the condition of altitude 1000m(3279ft) and temperature 40℃(104°F),the generator does not derate power during running. When the altitude and temperature are above 1000m(3279ft) and 40℃(104°F) respectively,the power derating is as follows.

Altitude<3000m (9837ft)	4%/500m(1640ft)
Altitude>3000m(9837ft)	6%/500m(1640ft)
Environment derating coefficient	1.5%/5℃ (41° F)

Products Quatity

- According to clients' special demand, GTL designs and manufactures various related products and control panel, meanwhile ensure the high quatity.
- Experienced and skillful workers manufacture classic products.
- Ordered producing process makes the productivity and the quatity higher and higher.
- The strict factory test makes sure top product quality and no client complaint. Our high quality products makes client feel more satisfied.

Warranty

All genset have three different guarantee timeL: date of shipment, date of arrival and actual operation hours. Genset with SCANIA engine has two years' guarantee time with unlimited operation hours. Others are 18 months from date of shipment or 12 months from date of arrival or 1500 operation hours(first time ONLY) whichever comes first. Our company warranty for any damage caused by our design, assembly or improper materials. Please note that the worn-out components and man-made damage are not covered by the warranty.

GTL Generator Set Specifications

D	W	500	T	S		
1	2	3	4	5	6	7
Meaning						
Number	meaning	注 解				
1	Engine Brand	C-USA Original Cummins	CC-CCEC	DC-DCEC	DA-Doosan	D-Deutz
		DF-Dongfeng	FS-Foton	JC-Jichai	J-Johndeere	K-Kubota
		ND-NingDong	M-Mtu	MS-Mitsubishi	P-UK Perkins	SM-Shanxi MTU
		S-Scania	XC-XCEC	Y-Yanmar	WD-Wangdi	V-Volvo
2	Cooling style	W-Watercooled	A-Aircooled			
3	RPM	1500RPM or 1800RPM	3-3000RPM			
4	Genset Power	The Unit of Genset prime apparent output KVA				
5	Genset Style	Blank-Prime	S-Standby			
6	Phase	T-3phase	M-Monophase			
7	Frequency	5-50HZ	6-60HZ			

Genset Power

- Standby power** When the main power is failed, as emergency power of fluctuating load, the standby power is used. "Fuel Stop Power"accords with ISO15550, ISO3046/1, JISB8002-1, DIN6271 and BS5514 standards. Overload:forbiddden
- Prime Power** When the main power is failed, as emergency power of fluctuating load, the standby power is used. At this situation, main power can supply 10% overload power. Overload:Allow 10% overload
- Working Condition** The rated operating conditions of gensets accords with the standard operating conditions of ISO3046/1, GB/T2820-97, DIN6271 and BS5514.
Fuel Standard: According with ASTM D975, BS2869 and 35API density standard(16°C, 60°F). Under atmospheric temperature 29°C (85°F) , fuel Consumption is 838.9g/liter (7.001lbs/U.S gal) .



CUMMINS series Diesel Genset

This series genset is powered by Cummins engine(DCEC, CCEC, XCEC) with the advantages of economical, powerful, easy maintenance, low fuel consumption, long continuous running hours and durability. Cummins product have been used in more than 160 countries, and the global service network can provide our customers with reliable and guaranteed service.



25KVA/20KW~1450KVA/1160KW - 3 phase, 380~415V,50Hz

Genset Model	1500RPM/400V 3P4W/50HZ/0.8PF				Engine specifications					Dimensions & Weight			
	Prime Power		Standby Power							Open Genset		Silent Genset	
	KVA	KW	KVA	KW	Model	Fuel Cons. (L/hr)	Rated output (KW)	Cylinder Arrangement	Displacement (L)	Dimensions (mm)	Weight (Kg)	Dimensions (mm)	Weight (Kg)
DCW-25T5	25.0	20.0	27.5	22.0	4B3.9-G1/G2	5.9	24	4L	3.9	1620*950*1400	950	2250*1100*1750	1500
DCW-40T5	40.0	32.0	43.8	35.0	4BT3.9-G1/G2	6.7	36	4L	3.9	1680*950*1400	1100	2250*1100*1750	1600
DCW-50T5	50.0	40.0	62.5	50.0	4BTA3.9-G2	9.8	50	4L	3.9	1900*950*1400	1100	2650*1100*1750	1600
DCW-56T5	56.3	45.0	62.5	50.0	4BTA3.9-G2	9.8	50	4L	3.9	1900*950*1400	1100	2650*1100*1750	1600
DCW-80T5	80.0	64.0	93.8	75.0	6BT5.9-G1/G2	18.5	92	6L	5.9	2210*1100*1550	1400	3000*1380*1900	2000
DCW-100T5	100.0	80.0	110.0	88.0	6BT5.9-G1/G2	18.5	92	6L	5.9	2210*1100*1550	1500	3000*1380*1900	2000
DCW-113T5	112.5	90.0	125.0	100.0	6BTA5.9-G2	21.0	110	6L	5.9	2230*1100*1550	1500	3000*1380*1900	2000
DCW-135T5	135.0	108.0	150.0	120.0	6BTA5.9-G2	25.0	120	6L	5.9	2230*1100*1550	1500	3000*1380*1900	2100
DCW-150T5	150.0	120.0	165.0	132.0	6CTA8.3-G2	30.0	163	6L	8.3	2280*1150*1650	2000	3200*1380*2050	2500
DCW-165T5	165.0	132.0	181.5	145.2	6CTA8.3-G2	30.0	163	6L	8.3	2390*1150*1650	2100	3200*1380*2050	2600
DCW-180T5	180.0	144.0	200.0	160.0	6CTA8.3-G2	32.5	163	6L	8.3	2390*1150*1650	2100	3200*1380*2050	2600
DCW-200T5	200.0	160.0	225.0	180.0	6CTAA8.3-G2	35.0	183	6L	8.3	2470*1200*1700	2250	3500*1380*2050	2750
DCW-225T5	225.0	180.0	250.0	200.0	6LTA8.9-G2	39.0	220	6L	8.9	2600*1250*1700	2450	3500*1380*2050	3000
DCW-250T5	250.0	200.0	275.0	220.0	6LTA8.9-G2	39.0	220	6L	8.9	2600*1250*1700	2450	3500*1380*2050	3000
CCW-250T5	250.0	200.0	275.0	220.0	NT855-GA	54.9	231	6L	14	2925*1380*1700	3500	4000*1700*2150	4500
CCW-250T5	250.0	200.0	275.0	220.0	MTA11-G2A	55.0	234	6L	10.8	2780*1380*1650	2500	3500*1700*2050	3000
CCW-275T5	275.0	220.0	312.5	250.0	NTA855-G1A	61.0	261	6L	14	2925*1380*1700	3500	4000*1700*2150	4500
CCW-313T5	312.5	250.0	350.0	280.0	MTAA11-G3	62.0	282	6L	10.8	2820*1380*1650	3000	4000*1700*2150	3800
CCW-313T5※	312.5	250.0	350.0	280.0	NTA855-G1B	59.3	284	6L	14	3025*1380*1700	3500	4000*1700*2150	4500
XCW-313T5	312.5	250.0	343.8	275.0	QSM11-G2	69.0	292	6L	10.8	3000*1380*1850	2900	4000*1700*2150	4000
CCW-344T5	343.8	275.0	375.0	300.0	NTA855-G2A	72.0	310	6L	14	3000*1380*1850	3000	4000*1700*2150	4100
CCW-350T5	350.0	280.0	387.5	310.0	NTA855-G4	74.0	317	6L	14	2930*1380*1850	3400	4000*1700*2150	4500
CCW-375T5	375.0	300.0	412.5	330.0	NTA855-G7	86.0	343	6L	14	3055*1380*1850	4200	4000*1700*2150	5000
CCW-450ST5	N.A	N.A	450.0	360.0	NTA855-G7A※	94.0	407	6L	14	3115*1380*1850	4400	4500*1700*2150	5000
DCW-450T5	450.0	360.0	N.A	N.A	QSZ13-G2	70.4	400	6L	13	3000*1600*1900	3900	4000*2000*2250	4500
CCW-450T5※	450.0	360.0	500.0	400.0	KTA19-G3	97.0	403	6L	18.9	3145*1600*2100	4500	4500*2000*2400	5700
DCW-500T5	500.0	400.0	N.A	N.A	QSZ13-G3	101.0	450	6L	13	3050*1600*1900	4000	4000*2000*2250	4600
CCW-500T5	500.0	400.0	562.5	450.0	KTA19-G3A	107.0	448	6L	18.9	3250*1600*2100	4700	4500*2000*2400	5800
CCW-500T5※	500.0	400.0	562.5	450.0	KTA19-G4	113.0	470	6L	18.9	3435*1880*2250	5000	4500*2000*2500	6400
CCW-525T5	525.0	420.0	631.3	505.0	KTAA19-G5	143※	575※	6L	18.9	3435*1880*2250	5000	4500*2000*2500	6400
CCW-650ST5	N.A	N.A	650.0	520.0	KTA19-G8※	129.3	520	6L	18.9	3500*1880*2250	5000	4500*2000*2500	6400
CCW-575T5	575.0	460.0	650.0	520.0	KTAA19-G6	118.0	555	6L	18.9	3550*1880*2250	3550	5000*2000*2500	6400
CCW-688ST5	N.A	N.A	687.5	550.0	KTAA19-G6A※	140.0	560	12V	37.8	4025*1900*2450	6650	6058*2436*2591	7820
CCW-625T5※	625.0	500.0	700.0	560.0	KT38-G	143.0	574	12V	19	4025*1900*2450	6650	6058*2436*2591	7820
CCW-650T5	650.0	520.0	712.5	570.0	QSKTAA19-G3 NR2	178※	711※	12V	37.8	4345*1710*2300	6000	6058*2436*2591	7170
CCW-800ST5	N.A	N.A	800.0	640.0	KT38-GA※	128.0	664	12V	37.8	4125*1900*2450	5620	6058*2436*2591	7720
CCW-750T5※	750.0	600.0	825.0	660.0	KTA38-G2	N.A	711	12V	37.8	4350*2100*2655	8500	6058*2436*2591	10500
CCW-800T5	800.0	640.0	887.5	710.0	KTA38-G2B	147.0	813	12V	37.8	4350*2100*2655	8500	6058*2436*2591	10500
CCW-910T5※	910.0	728.0	1000.0	800.0	KTA38-G2A	161.0	880	12V	37.8	4350*2100*2655	8500	6058*2436*2591	10500
CCW-1000T5※	1000.0	800.0	1100.0	880.0	KTA38-G4	199※	1089※	12V	37.8	4500*2250*2655	9000	6058*2436*2591	11000
CCW-1000T5	1000.0	800.0	1100.0	880.0	KTA38-G5	274.0	1107	12V	37.7	4500*2250*2655	9000	6058*2436*2591	11000
CCW-1250ST5	N.A	N.A	1250.0	1000.0	KTA38-G9※	261.0	1097	16V	50.3	4500*2250*2655	9000	6058*2436*2591	11000
CCW-1200T5※	1200.0	960.0	1375.0	1100.0	QSKTA38-G5	309.0	1200	16V	50.3	4130*2057*2500	9500	6058*2436*2591	11500
CCW-1250T5※	1250.0	1000.0	1375.0	1100.0	KTA50-G3	310.0	1287	16V	50.3	5650*2057*2500	9800	6058*2436*2591	20800
CCW-1375T5	1375.0	1100.0	1625.0	1300.0	KTA50-G8	289.0	1200	16V	50.3	5800*2090*2400	10000	12192*2438*2896	21400
CCW-1450T5	1450.0	1160.0	1625.0	1300.0	KTA50-GS8	294.3	1429	16V	50.3	5800*2090*2400	10000	12192*2438*2896	21400

UK PERKINS series Diesel Genset



The series genset is powered by UK Perkins which is set up in 1932. The design features of Perkins engines ensure their high suitability for all power generation applications, and with good structure, reliable performance, easy maintenance, low exhaust gas, long period maintenance. The global service network can provide our customers with reliable and guaranteed service.



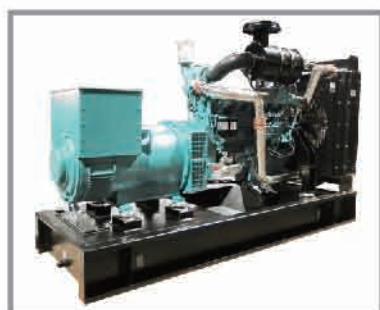
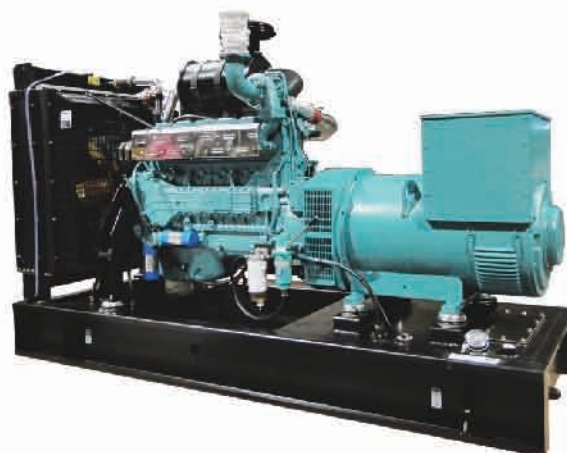
8.8KVA/7KW~2250KVA/1800KW - 3 phase, 380~415V,50Hz

Genset Model	1500RPM/400V 3P4W/50HZ/0.8PF				Engine specifications					Dimensions & Weight			
	Prime Power		Standby Power							Open Genset		Silent Genset	
	KVA	KW	KVA	KW	Model	Fuel Cons. (L/hr)	Rated output (KW)	Cylinder Arrangement	Displacement (L)	Dimensions (mm)	Weight (Kg)	Dimensions (mm)	Weight (Kg)
PW-9T5	8.8	7.0	9.6	7.7	403A-11G1※	2.6	8.6	L3	1.13	1060*650*1000	500	1700*1060*1750	800
PW-9T5	8.8	7.0	9.6	7.7	403D-11G※	3.2	10.7	L3	1.13	1060*650*1000	450	1700*1060*1750	750
PW-13T5	12.5	10.0	13.8	11.0	403D-15G※	3.7	12.2	L3	1.49	1100*700*1100	500	1700*1060*1750	800
PW-13T5	12.5	10.0	13.8	11.0	403A-15G1	3.7	12.2	L3	1.49	1100*700*1100	500	1700*1060*1750	800
PW-15T5	15.0	12.0	16.5	13.2	403A-15G2※	4.1	13.6	L3	1.49	1100*700*1100	520	1700*1060*1750	820
PW-20T5	20.0	16.0	22.0	17.6	404A-22G1※	5.3	18.7	L4	2.21	1250*700*1150	630	1900*1060*1750	980
PW-20T5	20.0	16.0	22.0	17.6	404D-22G※	5.3	18.7	L4	2.21	1250*700*1150	630	1900*1060*1750	980
PW-30T5	30.0	24.0	33.0	26.4	1103A-33G	7.1	28.2	L3	3.30	1410*830*1250	850	2250*1060*1750	1250
PW-45T5	45.0	36.0	49.5	39.6	1103A-33TG1	10.7	42.2	L3	3.30	1580*830*1250	980	2400*1060*1750	1430
PW-60T5	60.0	48.0	66.0	52.8	1103A-33TG2	13.9	59.3	L3	3.30	1670*830*1250	1000	2400*1060*1750	1450
PW-65T5	65.0	52.0	71.5	57.2	1104A-44TG1※	14.8	59.6	L4	4.40	1790*830*1250	1070	2650*1100*1750	1570
PW-80T5	80.0	64.0	88.0	70.4	1104A-44TG2※	18.7	73.4	L4	4.40	1830*830*1250	1100	2650*1100*1750	1600
PW-80T5	80.0	64.0	88.0	70.4	1104C-44TAG1※	18.6	75	L4	4.40	1830*830*1250	1020	2650*1100*1750	1520
PW-93T5	90.0	72.0	99.0	79.2	1006TG1A	21.2	86.3	L6	5.99	2160*830*1250	1280	3000*1100*1900	1830
PW-100T5	100.0	80.0	110.0	88.0	1006TG2A	23.0	94.4	L6	5.99	2110*950*1400	1340	3000*1380*1900	1890
PW-100T5	100.0	80.0	110.0	88.0	1104C-44TAG2※	93.6	93.6	L4	4.40	1790*830*1250	1120	2650*1100*1750	1620
PW-135T5	135.0	108.0	148.5	118.8	1106A-70TAG1※	31.2	122	L6	7.00	2320*950*1450	1600	3200*1380*2050	2150
PW-135T5	135.0	108.0	148.5	118.8	1006TAG	31.5	128.4	L6	5.99	2310*950*1450	1420	3200*1380*2050	1970
PW-150T5	150.0	120.0	165.0	132.0	1106A-70TAG2※	34.6	135	L6	7.00	2320*950*1450	1640	3200*1380*2050	2190
PW-150T5	150.0	120.0	165.0	132.0	1006TAG2	41.0	136.8	L6	5.99	2310*950*1450	1450	3200*1380*2050	2000
PW-180T5	180.0	144.0	198.0	158.4	1106A-70TAG3※	41.2	161	L6	7.00	2380*950*1450	1700	3200*1380*2050	2250
PW-180T5	180.0	144.0	198.0	158.4	1106C-E66TAG4	40.2	158	L6	6.6	2380*950*1450	1700	3200*1380*2050	2250
PW-200T5	200.0	160.0	220.0	176.0	1106A-70TAG4※	45.8	178.9	L6	7.00	2380*950*1450	1750	3200*1380*2050	2300
PW-225T5	225.0	180.0	247.5	198.0	1306C-E87TAG4	53.0	205	L6	8.70	2480*1100*1650	1880	3500*1380*2150	2580
PW-250T5	250.0	200.0	275.0	220.0	1306C-E87TAG6	56.9	224	L6	8.70	2480*1100*1650	1900	3500*1380*2150	2600
PW-275T5	275.0	220.0	302.5	242.0	1606A-E93TAG4	54.5	239	L6	9.30	3035*1100*1650	2030	4000*1380*2150	3030
PW-300T5	300.0	240.0	330.0	264.0	1606A-E93TAG5	59.5	261	L6	9.30	3035*1100*1650	2030	4000*1380*2150	3030
PW-350T5	350.0	280.0	385.0	308.0	2206A-E13TAG2	71.0	324.2	L6	12.50	3200*1150*2000	3100	4500*1380*2250	3300
PW-400T5	400.0	320.0	440.0	352.0	2206A-E13TAG3	81.0	368.4	L6	12.50	3200*1150*2000	3230	4500*1380*2250	4430
PW-450T5	450.0	360.0	495.0	396.0	2506A-E15TAG1	95.0	412	L6	15.20	3360*1150*2000	3400	4500*1380*2250	4600
PW-500T5	500.0	400.0	550.0	440.0	2506A-E15TAG2	100.0	451	L6	15.20	3360*1150*2000	3550	4500*1380*2250	4750
PW-600T5	600.0	480.0	660.0	528.0	2806A-E18TAG1A	123.0	539.7	L6	18.13	3320*1550*2100	4130	4500*1700*2500	5030
PW-650T5	650.0	520.0	715.0	572.0	2806A-E18TAG2	132.0	584	L6	18.13	3390*1555*2100	4280	4500*1700*2500	6080
PW-750T5	750.0	600.0	825.0	660.0	4006-23TAG2A	163.0	658	L6	22.92	3760*1710*2300	4900	5000*2000*2560	6900
PW-800T5	800.0	640.0	880.0	704.0	4006-23TAG3A	175.0	705	L6	22.92	4030*1710*2300	5000	6058*2436*2591	7000
PW-1000T5	1000.0	800.0	1100.0	880.0	4008TAG2A	226.0	805	L8	30.56	4700*2050*2400	7420	6058*2436*2591	10620
PW-1258T5	1250.0	1000.0	1375.0	1100.0	4012-46TWG2A	258.0	1106	V12	45.84	4810*1780*2500	8970	12192*2438*2896	10970
PW-1505T5	1500.0	1200.0	1650.0	1320.0	4012-46TAG2A	328.0	1212	V12	45.84	4900*2160*2600	9580	12192*2438*2896	12780
PW-1505T5	1500.0	1200.0	1650.0	1320.0	4012-46TWG4A	316.0	1308	V12	45.84	4770*1980*2650	9130	12192*2438*2896	12330
PW-1710T5	1710.0	1368.0	1881.0	1504.8	4012-46TAG3A	380.6	1500	V12	45.84	5090*2160*2600	10050	12192*2438*2896	13250
PW-1850T5	1850.0	1480.0	2035.0	1628.0	4016TAG1A	383.0	1588	V16	61.12	5630*1660*3400	10050	12192*2438*3800	13250
PW-2000T5	2000.0	1600.0	2200.0	1760.0	4016-61TRG2	421.0	1744	V16	61.12	4480*1723*3400	10140	12192*2438*3800	13340
PW-2000T5	2000.0	1600.0	2200.0	1760.0	4016TAG2A	434.0	1766	V16	61.12	5630*1660*3400	10140	12192*2438*3800	13340
PW-2250T5	2250.0	1800.0	2475.0	1980.0	4016-61TRG3	473.0	1975	V16	61.12	4560*1723*3400	10400	12192*2438*3800	13600

NIDONG series Diesel Genset



This series genset is powered by Nidong diesel engine. The engine adopts advanced European technology and gathers excellent engine features. According to the genset operating characteristic, it enhances its cooling system and reliable intake intercooling system to ensure the best working condition of engine. In addition, the modular and integrated of external configuration makes the engine structure more compact and maintenance easier. And it has outstanding economic performance with its low fuel consumption and low emission features. Some models have obtained EPA and E-Mark emission standard certificates.



9.4KVA/7.5KW ~ 344KVA/275KW - 3 phase, 380~415V, 50Hz

Genset Model	1800rpm/480V 3P 4W/60HZ/0.8F				Engine specifications					Dimensions & Weight			
	PRP		STP							Open Genset		Silent Genset	
	KVA	KW	KVA	KW	Model	Fuel Cons. (L/hr)	Rated output (KW)	Cylinder Arrangement	Displacement (L)	Dimensions (mm)	Weight (Kg)	Dimensions (mm)	Weight (Kg)
NDW-9T6	9.4	7.5	11.0	8.3	ND3L014D15	3.27	10	3L	1.35	1100*560*1000	400	1570*680*1100	750
NDW-11T5	11.0	8.8	12.4	9.7	ND3L015D15	3.31	12	3L	1.53	1100*560*1000	450	1570*680*1100	800
NDW-13T5	12.5	10.0	13.8	11.0	ND4L022D15	4.41	14	4L	2.04	1300*560*1000	500	1570*680*1100	850
NDW-14T5	13.5	10.8	12.4	12.0	ND4L020D15	4.41	14	4L	2.04	1300*560*1000	550	1570*680*1100	900
NDW-15T5	15.0	12.0	16.5	13.2	ND4L022D15	4.75	17	4L	2.15	1368*520*1000	600	1570*680*1100	950
YW-18T5	18.0	14.4	20.0	16.0	ND2R024D15	6.33	22	4L	2.37	1350*750*1300	650	1900*1060*1750	1050
NDW-23T5	22.5	18.0	24.8	19.8	ND4L030D15	6.51	23	4L	3.04	1400*750*1000	700	1900*1060*1750	1150
NDW-25T5	25.0	20.0	27.5	22.0	ND4L033D15	7.64	27	4L	3.29	1400*750*1000	700	1900*1060*1750	1150
NDW-30T5	30.0	24.0	33.0	26.4	ND3R033D15	8.63	30	4L	3.3	1420*750*1300	800	2250*1060*1750	1300
NDW-38T5	37.5	30.0	41.3	33.0	ND3R031TD15	9.85	36	4L	3.12	1590*750*1400	850	2250*1060*1750	1350
NDW-40T5	40.0	32.0	44.0	35.2	ND4R047D15	10.94	40	4L	4.95	1780*800*1400	1100	2400*1060*1750	1700
NDW-56T5	56.3	45.0	62.5	50.0	ND4R044TD15	16.42	60	4L	4.39	1910*720*1400	1350	2650*1100*1750	2100
NDW-60T5	60.0	48.0	66.0	52.8	ND4R046TD15	19.61	68	4L	4.58	1870*800*1400	1300	2650*1100*1750	2050
NDW-88T5	87.5	70.0	96.3	77.0	ND4R048TAD15	24.49	92	4L	4.58	1870*800*1400	1300	2650*1100*1750	2050
NDW-94T5	93.8	75.0	103.1	82.5	ND6R071TD15	28.79	100	6L	6.49	2280*900*1600	1500	3000*1380*1900	2400
NDW-110T5	110.0	88.0	121.0	96.8	ND6R065TAD15	29.94	104	6L	6.49	2280*900*1600	1500	3000*1380*1900	2400
NDW-135T5	135.0	108.0	148.5	118.8	ND6R069TAD15	37.43	130	6L	6.49	2390*900*1600	1600	3000*1380*1900	2500
NDW-150T5	150.0	120.0	162.5	130.0	ND6R097TAD15	39.74	138	6L	6.87	2450*900*1600	1700	3200*1380*1900	2900
NDW-185T5	185.0	148.0	203.5	162.8	ND6R088TAD15- I	53.56	186	6L	8.82	2480*900*1600	1800	3200*1380*1900	3000
NDW-200T5	200.0	160.0	220.0	176.0	ND6R088TAD15	59.32	206	6L	8.82	2480*900*1600	1800	3200*1380*1900	3000
NDW-231T6	231.3	185.0	254.4	203.5	ND6R097TAD15- I	64.79	225	6L	9.72	3030*1250*2000	2800	4000*1380*2250	4000
NDW-250T5	250.0	200.0	275.0	220.0	ND6R097TAD15	73.43	255	6L	9.72	3030*1250*2000	2800	4000*1380*2250	4000
NDW-313T5	312.5	250.0	343.8	275.0	ND6R116TAD15- I	83.51	290	6L	11.59	3100*1060*2050	3000	4000*1380*2250	4200
NDW-344T5	343.8	275.0	375.0	300.0	ND6R116TAD15	92.82	320	6L	11.59	3100*1060*2050	3000	4000*1380*2250	4200

Control System

Single unit operation(Full-featured and friendly interface control system)

GTL provides mounted control system for all standard diesel generator sets. Its function can be single and simple manual/anto control to advanced and complex. Every control system integrates control module and circuit break to ensure operation reliability and ease of use. The control system also can be designed as to customers' specific needs.

Simple instrument display control system

PCC0301 Series



- Automatic Mains Failure(AMF)
- Transfer between mains(utility) and generator power
- Engine pre-heat
- Manual or remote start/stop automatically
- LED and LCD alarm indication
- Basic configuration
 - Voltage/current/frequency indication, oil pressure/temperature/working hours/battery voltage/fuel level indication
 - Power supply on-board key/emergency stop button/power supply indication
- Basic protection: Low oil pressure/high temperature/over speed/under speed/fail to charge/fail to start/low coolant level etc.

Simple instrument display control system

PCC0300 Series



- Engine pre-heat
- Manual or remote start/stop automatically
- LED and LCD alarm indication
- Basic configuration
 - Voltage/current/frequency indication, oil pressure/temperature/working hours/battery voltage/fuel level indication
 - Power supply on-board key/emergency stop button/power supply indication
 - Manual key start/stop
- Basic protection: Low oil pressure/high temperature/over speed/under speed/fail to charge//fail to start/low coolant level etc.

Multi-function control system

PCC1400 series



- Multi-function and advanced digital LCD display
- Automatic Mains Failure(AMF)
- Manual/Remote start/stop automatically/test control
- Transfers between mains(utility) and generator power
- LED and LCD alarm indication
- Basic configuration
 - Power supply on-board key/emergency stop button/power supply indication
 - LCD display of voltage/current/frequency/speed/temperaure/DC voltage/fuel level etc.
- Mutiple Protection:
 - 3-phase Generator protections:over/under voltage,over/under frequency,current/voltage asymmetry, over current/over load, short-circuit
 - 3-phase AMF function: over/under voltage,over/under frequency, voltage asymmetry
 - Engine protections:low fuel level,low oil pressure,high engine temperature,over speed
- Extensible: RS232/RS485, USB,Internet, GSM, ISDM modem, J1939
- Extensible:Input/out module

Control System

Multi-function control system

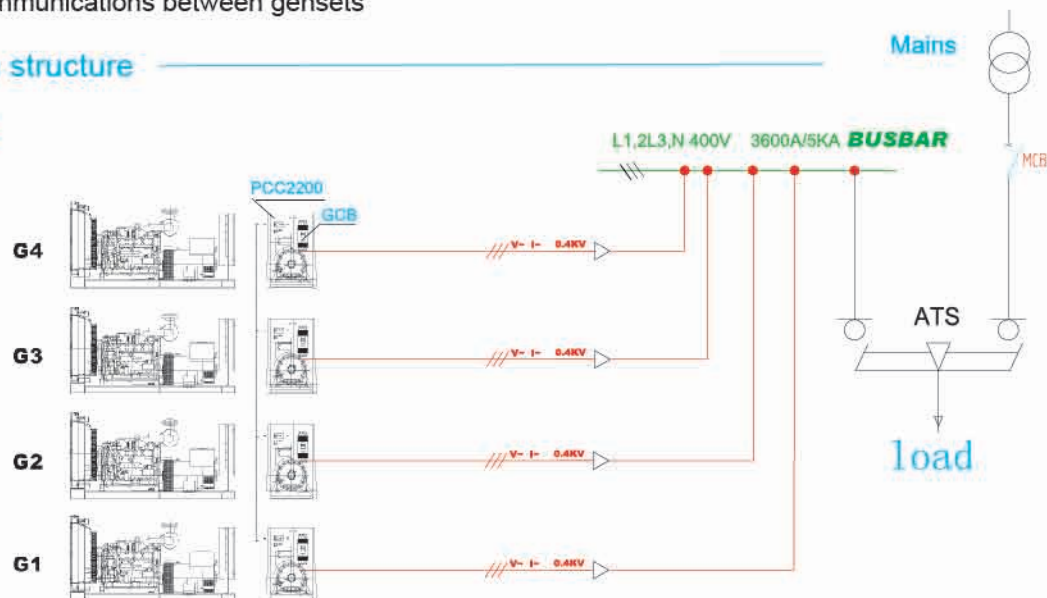
Based on micro-processing technology, GTL provides full control function to Parallel multigrid application of many large and medium-sized generators sets. GTL parallel control network have some advantages that the structure is compact, the generability is wide, and it can automatically Synchronize more than 16 generators in parallel. When mains fails, it can automatically start shutdown control (AMF function), monitoring protection of between engine and alternator and mains electricity bus, CAN bus communication. Besides, this system also has some advantages of flexible configuration, personalized service, easy operations, advanced function and high reliability, etc.

PCC2200 Multiple unit island parallel operation control system

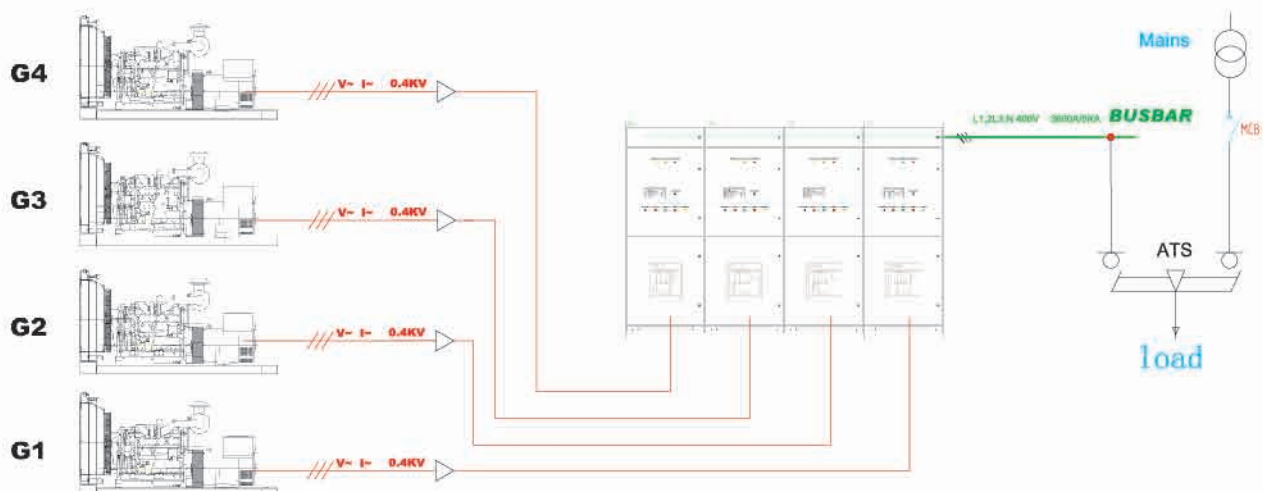
- Full-automatic parallelling system
- Control of up to 16 units gensets
- Control of between genset circuit breaker and mains circuit breaker, realize 'Zero'switching time.
- Control of Manual or auto paralleling
- Digital display bus bar voltage/frequency, phase angle, generator voltage, current, frequency, speed, oil pressure, temperature, DC voltage etc.
- Automatic Mains Failure(AMF)
- CANbus communications between gensets

Application structure

Integral type



Spilte type



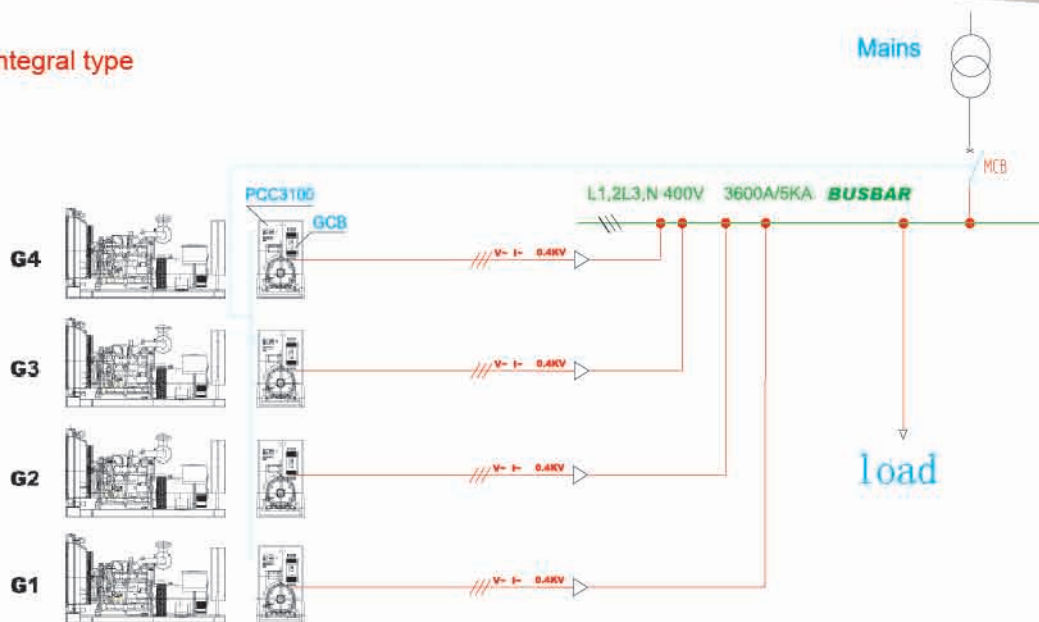
Control System

PCC3100 paralleling and synchronization control system

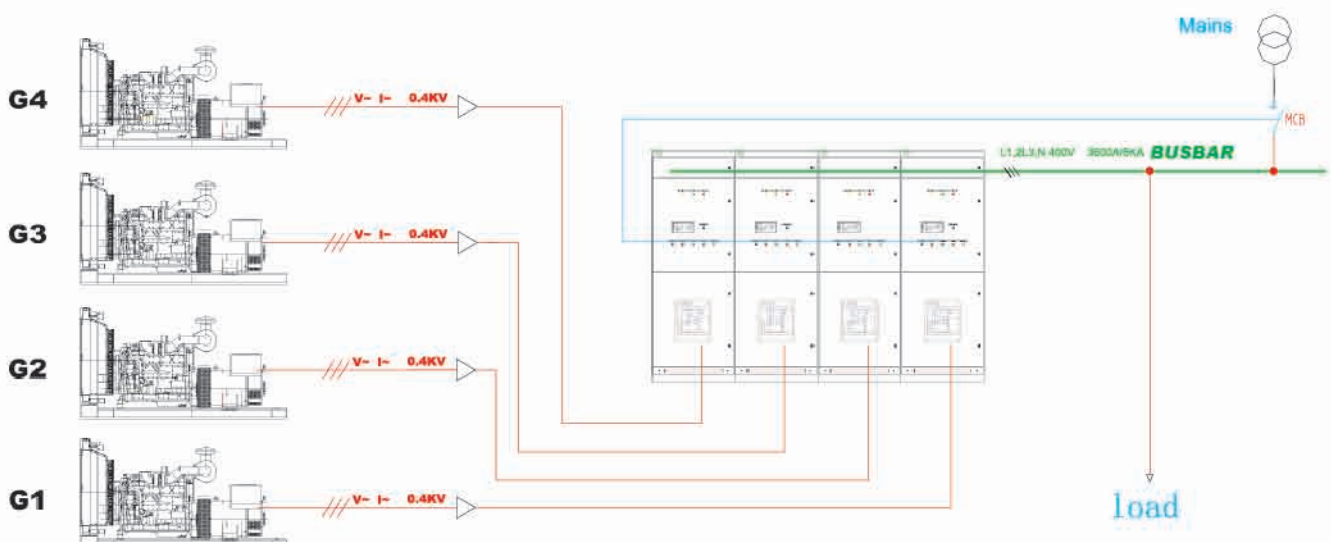
- Full automatic paralleling system
- Control of up to 32 units gensets paralleling and synchronization
- Load control function: basic load/load shaving, power input/output control and emergency/back-up power supply
- Digital display bus bar voltage/frequency, phase angle, generator voltage, current, frequency, speed, oil pressure, temperature, DC voltage etc.
- Automatic Mains Failure(AMF)
- Available for logical PLC controller
- CANbus communications between gensets
- With rich communication and extended function

Application structure

Integral type



Split type



Automatic Transfer Switch

GTL Company can supply customers with 25A-4000A series power switching system, which has some advantages of safety, reliability, low cost and easy installation. This system can be used flexibly between generator sets, generator set and mains electricity, and other power supplies, On the microprocessor based, optimizations and simplified operation, maintenance was achieved.



Steel Switch Box Function

- Automatic transfer switch
- Compact design
- Mechanical electrical interlock
- Configuration controller control switch action
- According with standard

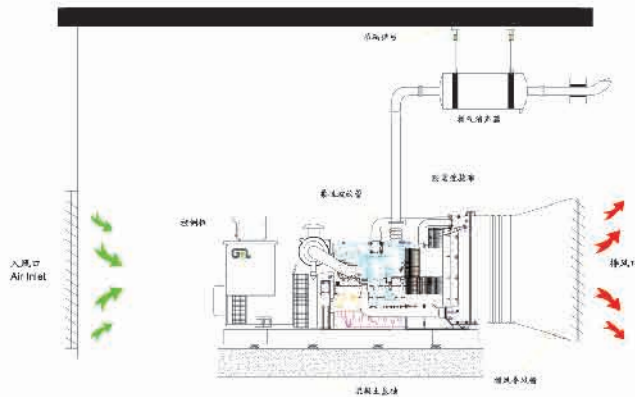
General Features

- Applying to a environment of mechanical shock and dust
- Protection Level: IP54
- RAL7035 Color: RAL7035
- Cable Sealing Cover: the bottom with Cable Sealing Cover
- Material: 2MM Steel Plate
- Coating: Polyester Powder
- Installation Method: Hanging style installation,providing 4 unfastening hanger loops(below 205A)Other installation providing installing foot(over 630A)
- Gate: fastened with hinge
- Lock device: 3 MM Dual-pin column(with key)
- Other: With 2 ground points, neutral pole on right side

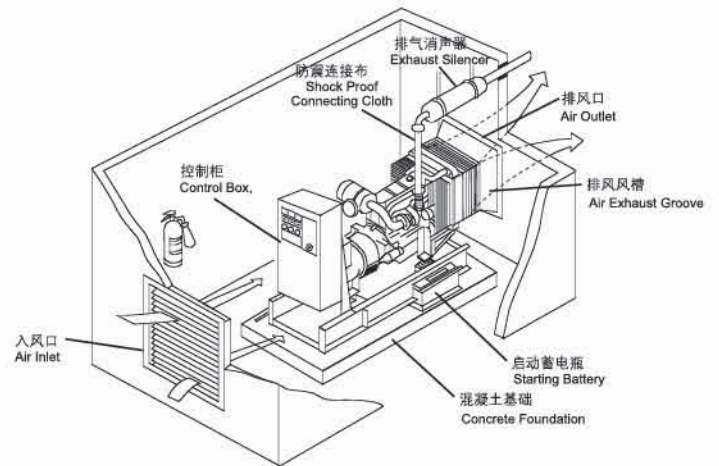
Specification	25A	32A	40A	63A	80A	100A	125A	160A	200A	250A	315A	400A	630A	800A	1000A	1250A	1600A	2000A	2500A	3150A	4000A
3poles	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
208~480V.(3phase)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
terminals	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
copper barse	x	x	x	x	x	x	x	x	•	•	•	•	•	•	•	•	•	•	•	•	•
width(mm)	650	650	650	650	650	650	650	650	650	650	650	650	650	800	800	800	800	800	800	800	800
height(mm)	380	380	380	380	380	380	380	380	1000	1000	1000	1000	1000	1400	1400	1400	2200	2200	2200	2200	2200
depth(mm)	330	330	330	330	330	330	330	330	500	500	500	500	500	650	650	1000	1000	1000	1000	1000	1000
wall mounting panel	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
floor standing panel	x	x	x	x	x	x	x	x	•	•	•	•	•	•	•	•	•	•	•	•	•
base plate h=200mm	x	x	x	x	x	x	x	x	•	•	•	•	•	•	•	•	•	•	•	•	•

Scheme of installation

Scheme of installation



Design of generator room



Exhaust purification system

ETS Series Exhaust Purification System

- Solve the black smoke problem fully
- Eliminate HC & CO
- Open up a low emission generator era.

Example picture



System component

The filtration system is consist of air inlet port, air outlet, regeneration heater, diesel particulate and auto regeneration and control system.

Before purification



After Purification.

