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GENERATOR SET

Grupo electrógenerador اعدادات المولد

Groupe électrogène 發電機セット

발전기 세트 发电机组

Комплект генератора

Máy phát điện

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YOUR COMPLETELY POWER SOLUTION SUPPLIER

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▶▶▶ CUSTOM DESIGNED GENERATORS BASED ON ALL YOUR REQUIREMENTS



LONGEN POWER

INTRODUCTION

LONGEN POWER, founded in 2006, is a leading generator manufacturer and specialized in the design, manufacture, sales, installation and services of diesel generator sets. Our generators power range from 5KVA to 3300KVA, equipped with Perkins, Cummins, Doosan, FPT, Mitsubishi, MTU, Volvo, Yanmar and Kubota engines and coupled with Stamford, Leroy Somer and Meccalte alternators.

LONGEN POWER is located in Qidong city, the north of the Yangzi River, one hour from Shanghai center and Shanghai Pudong International airport. The factory is situated in a large 20000 square meters land holding and the workshop consists of 10000 square meters with plans to extend in the future.

LONGEN POWER dedicates itself to the power solutions and productions of generator sets, standard open and soundproof type, super silent type, high voltage sets, lighting towers, trailer gensets, mobile power stations and power plants. We also provide our customers with superior products characterized by lower noise level and special customized type.



CERTIFICATE



POWERED BY...



Factory Equipments

Advanced equipment & Perfect product

Adopting modern manufacturing equipment, and a strict quality management system, LONGEN POWER is committed to providing customers with satisfactory products.



- ◆ **CNC punch**
After being processed by automatic CNC punching machine, the metal plate less than 3 mm can meet the high precision requirements of each part.
- ◆ **CNC plate cutting**
The 3-15mm metal plate cut by CNC cutting machine can meet the requirements of different products.
- ◆ **CNC bending machine**
Fully automatic CNC bending machine ensures the accuracy of product shape.
- ◆ **Laser cutting machine**
The 3-15mm metal plate cut by the laser cutting machine can make our products more smooth in structure.
- ◆ **Dry load test equipment**
The 2000KW dry load test equipment simulates extreme working environments, such as high temperature, to ensure that the unit can work normally in extreme natural environments.



FEATURES

INTRODUCTION



◆ Fuel tank

The 8 hours base fuel tank is equipped with a fuel level gauge for easily monitoring of the fuel level.

◆ Emergency stop button

Emergency shutdown occurs when the generator unit encounters a sudden situation or when the power load encounters a sudden situation.

◆ Longen control system

Excellent system design, easy operation and maintenance.

◆ Stainless steel chains and hinges

The lock and hinge are made of stainless steel 304 to ensure that the generator set can work outdoors for a long time without worrying about rusting.



◆ ATS - automatic transfer system

Use digital technology to conduct comprehensive management and monitoring of the unit status, and realize the automation of the whole process of the unit.

◆ Equipped with CHINT circuit breaker

Carefully select parts for customers from a professional perspective.

◆ Battery system

The maintenance-free battery system is equipped with a battery switch and a floating charging device to ensure that the generator set can be started at any time.



GENERATOR

Open frame



Engine: Perkins/Cummins/Volvo/Kubota/Yanmar/
FPT/Mitsubishi/MTU/Longen.etc

- 12V/24V starting batteries and charge dynamo.
- Maintenance-free battery with battery cable and battery frame.
- Equipped with base fuel tank.
- Equipped with CHINT, ABB Breaker in Option.
- Equipped with industrial silencer and flexible exhaust hose.
- Radiator 40°C /50°C max, fans are driven by belt with safety guard.

Silent type

The noise level is 70-75 dB@ 7 meters.



Alternator: Stamford/Leroy Somer/Longen

- Single bearing/double bearing
- 2/3 winding pitch
- Self-excited /PMG
- Automatic voltage regulator (AVR)
- Insulation grade: Class H
- Protection grade: IP23

Super silent

The noise level is 55-70 dB@ 7 meters.



Canopy: Silent design/Super silent design

- All enclosure components are designed using a modular design.
- Weatherproof design is used to ensure that the generator set can work outdoors for a long time.
- Special structural design ensures that noise levels are controlled within a small range.
- Easy to lift and move.
- Easy to maintain and operate.

Basic structure:

- Base fuel tank or independent fuel tank for option.
- Automatic transfer switch and parallel system device for option.
- Battery charger, water heater, oil heater for option.
- Equipped with ground protection, emergency stop button, quick socket, lockable battery switch, easy to operate.
- Comprehensive generator set protection system and fault alarm system to ensure man-machine safety.

Container

Including 20F, 40HQ container type.



Controller: Deepsea /ComAp/ Smartgen

Key features:

- Front panel editable parameters (with password protection)
- Quick access to the troubleshooting interface
- Support for remote display modules
- Emergency stop
- Charing failure alarm
- Over load protection
- Over speed protection
- Over crank protection
- Over/low voltage protection
- Over/low frequency protection
- High water temperature warning
- Low oil pressure warning
- Inverse power protection
- Load imbalance protection
- Independent ground fault trip

CUMMINS

GENERATOR



- Powered by well-known Cummins engine, DCEC, CCEC and Cummins USA.
- Vibration isolators between the engine , alternator and base.
- Deepsea controller with AMF function standard, ComAp for option.
- Lockable battery isolator switch.
- Excitation system: self-excited , PMG for option.
- Equipped with CHINT circuit breaker, ABB for option.
- Integrated wiring design.
- Base fuel tank for at least 8 hours running (standard for 500KVA below, option for 500KVA above) .
- Equipped with an industrial muffler.
- 50 degree radiator.
- Top lifting and steel base frame with forklift holes.
- Drainage for fuel tank.
- Complete protection functions and safety labels.
- Automatic transfer switch and Paralleling switchgear for option.
- Battery charger, water jacket preheater, oil heater and double air cleaner etc. for option.

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.

Available in the following voltage:380V/220V,400V/230V,415V/240V,440V/254V.

CUMMINS 50Hz 3P

Model	PrimePower		Standby Power		Engine	Alternator		Dimension & Weight			
	KW	KVA	KW	KVA		Stamford	Longen	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGCS-24	17	21	19	24	4B3.9-G11	S0L2-G1	WHI184ES	1750*800*1350	750	2280*950*1510	1100
LGCS-30	22	28	24	30	4B3.9-G1	S0L2-P1	WHI184F	1750*800*1350	750	2280*950*1510	1100
LGCS-30	22	28	24	30	4B3.9-G2	S0L2-P1	WHI184F	1750*800*1350	750	2280*950*1510	1100
LGCS-34	25	31	28	34	4B3.9-G12	S1L2-J1	WHI184G	1750*800*1350	750	2280*950*1510	1100
LGCS-44	32	40	35	44	4BT3.9-G1	S1L2-K1	WHI224C	1750*800*1350	800	2280*950*1510	1150
LGCS-44	32	40	35	44	4BT3.9-G2	S1L2-K1	WHI224C	1750*800*1350	800	2280*950*1510	1150
LGCS-55	40	50	44	55	4BTA3.9-G2	S1L2-R1	WHI224D	1850*800*1350	800	2280*950*1510	1150
LGCS-66	48	60	53	66	4BTA3.9-G2	S1L2-Y1	WHI224E	1850*800*1350	800	2280*950*1510	1150
LGCS-83	60	75	66	83	4BTA3.9-G11	UCI224G	WHI224F	1850*800*1350	800	2280*950*1510	1150
LGCS-110	80	100	88	110	4BTA3.9-G13	UCI274C	WHI274C	2000*800*1350	850	2500*950*1600	1350
LGCS-110	80	100	88	110	6BT5.9-G1	UCI274C	WHI274C	2200*880*1530	1050	3000*1050*1740	1800
LGCS-110	80	100	88	110	6BT5.9-G2	UCI274C	WHI274C	2200*880*1530	1050	3000*1050*1740	1800
LGCS-116	84	105	92	116	6BT5.9-G2	UCI274D	WHI274D	2200*880*1530	1050	3000*1050*1740	1800
LGCS-127	92	115	101	127	6BTA5.9-G2	UCI274D	WHI274D	2200*880*1530	1050	3000*1050*1740	1800
LGCS-150	112	140	120	150	6BTAA5.9-G2	UCI274E	WHI274E	2350*880*1530	1100	3000*1050*1740	1850
LGCS-170	124	155	136	170	6BTAA5.9-G12	UCI274F	WHI274F	2350*880*1530	1150	3000*1050*1740	1900
LGCS-200	145	181	160	200	6CTA8.3-G1	UCI274G	WHI274G	2400*1000*1710	1380	3200*1200*1950	2800
LGCS-200	145	181	160	200	6CTA8.3-G2	UCI274G	WHI274G	2400*1000*1710	1380	3200*1200*1950	2800
LGCS-220	160	200	176	220	6CTAA8.3-G2	UCI274H	WHI274H	2500*1000*1710	1480	3200*1130*1950	2900
LGCS-275	200	250	220	275	6LTAA8.9-G2	UCDI274K	WHI274K	2500*1000*1710	1480	3400*1180*2080	2900
LGCS-300	216	270	240	300	6LTAA9.5-G3	S4L1S-D4	WHI4D	2900*1150*1765	1800	3800*1500*2100	3250
LGCS-350	256	320	280	350	6LTAA9.5-G1	S4L1S-E4	WHI4E	2900*1130*1820	2600	3950*1500*2250	4100
LGCS-425	310	388	340	425	6ZTAA13-G3	S4L1D-F4	WHI4G	2900*1150*1765	2600	4100*1600*2480	4100
LGCS-475	350	438	380	475	6ZTAA13-G2	S4L1D-G4	WHI5C	2900*1150*1765	2650	4100*1600*2480	4100
LGCS-550	400	500	440	550	QSZ13-G3	S5L1D-C4	WHI5D	3200*1400*2200	3500	4300*1600*2250	4800
LGCS-275	200	250	220	275	MTA11-G2	UCDI274K	WHI274K	3050*1150*2000	3000	3950*1500*2250	4500
LGCS-350	250	313	280	350	MTAA11-G3	S4L1D-D4	WHI4ES	3050*1150*2000	3200	3950*1500*2250	4500
LGCS-275	200	250	220	275	NT855-GA	UCDI274K	WHI274K	3050*1150*2000	3000	3950*1500*2250	4500
LGCS-275	200	250	220	275	NT855-GA1	UCDI274K	WHI274K	3050*1150*2000	3000	3950*1500*2250	4500
LGCS-313	220	275	250	313	NTA855-G1A	S4L1D-D4	WHI4D	3050*1150*2000	3200	3950*1500*2250	4500
LGCS-350	250	313	280	350	NTA855-G1B	S4L1D-D4	WHI4ES	3050*1150*2000	3200	3950*1500*2250	4500
LGCS-375	275	344	300	375	NTA855-G2A	S4L1D-E4	WHI4FS	3050*1150*2000	3200	3950*1500*2250	4500
LGCS-388	280	350	310	388	NTA855-G4	S4L1D-E4	WHI4FS	3050*1150*2000	3200	3950*1500*2250	4500
LGCS-413	300	375	330	413	NTAA855-G7	S4L1D-F4	WHI4F	3300*1150*2000	3400	4200*1500*2250	4700
LGCS-450	N/A	N/A	360	450	NTAA855-G7A	S4L1D-G4	WHI5C	3300*1150*2000	3400	4200*1500*2250	4700
LGCS-413	300	375	330	413	KTA19-G2	S4L1D-F4	WHI4F	3200*1400*2200	3500	4300*1600*2250	4800
LGCS-500	360	450	400	500	KTA19-G3	S4L1D-G4	WHI5C	3200*1400*2200	3500	4300*1600*2250	4800
LGCS-563	400	500	450	563	KTA19-G3A	S5L1D-C4	WHI5D	3200*1400*2200	3500	4300*1600*2250	4800
LGCS-563	400	500	450	563	KTA19-G4	S5L1D-C4	WHI5D	3200*1400*2200	3500	4300*1600*2250	4800
LGCS-631	420	525	505	631	KTAA19-G5	S5L1D-D4	WHI5ES	3430*1520*2200	3600	4800*2000*2530	5900
LGCS-650	460	575	520	650	KTAA19-G6	S5L1D-E4	WHI5E	3430*1520*2200	3600	4800*2000*2530	5900
LGCS-650	N/A	N/A	520	650	KTA19-G8	S5L1D-F4	WHI5F	3430*1520*2200	3600	4800*2000*2530	5900
LGCS-688	N/A	N/A	550	688	KTAA19-G6A	S5L1D-F4	WHI5F	3430*1520*2200	3600	4500*2000*2530	5900
LGCS-713	520	650	570	713	QSK19-G4	S5L1D-F4	WHI5F	3430*1520*2200	3600	4500*2000*2530	5900
LGCS-688	500	625	550	688	KT38-G	S5L1D-F4	WHI5FS	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-788	570	713	630	788	KTA38-G1	S5L1D-H4	WHI6B	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-825	600	750	660	825	KTA38-G2	S5L1D-H4	WHI6B	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-888	640	800	710	888	KTA38-G2B	S6L1D-C4	WHI6C	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-1000	728	910	800	1000	KTA38-G2A	S6L1D-D4	WHI6D	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-1100	800	1000	880	1100	KTA38-G5	S6L1D-E4	WHI6E	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-1250	N/A	N/A	1000	1250	KTA38-G9	S6L1D-G4	WHI6G	4500*1800*2200	7500	20" container	10000
LGCS-1375	1000	1250	1100	1375	QSK38-G5	S6L1D-G4	WHI6G	4500*1800*2200	7500	20" container	10000
LGCS-1375	1000	1250	1100	1375	KTA50-G3	S6L1D-G4	WHI6G	4500*1800*2200	7500	20" container	10000
LGCS-1650	1100	1375	1320	1650	KTA50-G8	S6L1D-H4	WHI7B	4900*2100*2530	8600	40" container	13800
LGCS-1650	1180	1475	1320	1650	KTA50-GS8	S7L1D-C4	WHI7C	4900*2100*2530	8600	40" container	14000
LGCS-1875	1340	1675	1500	1875	KTA50-G15X	S7L1D-D4	WHI7D	4900*2100*2530	8600	40" container	14000

CUMMINS

GENERATOR



CUMMINS 60 Hz 3P

Model	PrimePower		StandbyPower		Engine	Alternator		Dimension & Weight			
	KW	KVA	KW	KVA		Stamford	Longen	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGCS-34	24	30	27	34	4B3.9-G2	S0L2-P1	WHI184F	1750*800*1350	750	2280*950*1510	1100
LGCS-38	28	35	30	38	4B3.9-G12	S1L2-J1	WHI184G	1750*800*1350	750	2280*950*1510	1100
LGCS-50	36	45	40	50	4BT3.9-G2	S1L2-N1	WHI184H	1750*800*1350	750	2280*950*1510	1100
LGCS-69	50	63	55	69	4BTA3.9-G2	S1L2-Y1	WHI224D	1850*800*1350	800	2280*950*1510	1150
LGCS-77	56	70	62	78	4BTA3.9-G2	UCI224E	WHI224E	1850*800*1350	800	2280*950*1510	1150
LGCS-85	60	75	68	85	4BTA3.9-G2	UCI224F	WHI224F	1850*800*1350	800	2280*950*1510	1150
LGCS-100	72	90	80	100	4BTA3.9-G11	UCI224G	WHI224F	1850*800*1350	800	2280*950*1510	1150
LGCS-115	84	105	92	115	6BT5.9-G2	UCI274C	WHI274C	2200*880*1530	1050	3000*1050*1740	1800
LGCS-138	100	125	110	138	6BT5.9-G2	UCI274D	WHI274D	2200*880*1530	1050	3000*1050*1740	1800
LGCS-145	105	131	116	145	6BTA5.9-G2	UCI274D	WHI274D	2200*880*1530	1050	3000*1050*1740	1800
LGCS-156	112	140	123	154	6BTAA5.9-G2	UCI274E	WHI274ES	2350*880*1530	1100	3000*1050*1740	1850
LGCS-180	128	160	144	180	6BTAA5.9-G12	UCI274E	WHI274E	2350*880*1530	1150	3000*1050*1740	1900
LGCS-209	152	190	167	209	6CTA8.3-G2	UCI274G	WHI274F	2400*1000*1710	1380	3200*1200*1950	2800
LGCS-230	168	210	184	230	6CTAA8.3-G2	UCI274G	WHI274G	2500*1000*1710	1480	3200*1130*1950	2900
LGCS-285	208	260	228	285	6LTAA8.9-G2	UCDI274J	WHI274J	2500*1000*1710	1480	3400*1180*2080	2900
LGCS-315	226	283	252	315	6LTAA8.9-G3	UCDI274K	WHI274K	2900*1150*1765	1800	3800*1500*2100	3250
LGCS-350	256	320	280	350	6LTAA9.5-G1	S4L1S-D4	WHI4D	2900*1150*1765	1800	3800*1500*2100	3250
LGCS-425	310	388	340	425	6ZTAA13-G3	S4L1D-E4	WHI4E	2900*1150*1765	2600	4100*1600*2480	4100
LGCS-475	350	438	380	475	6ZTAA13-G2	S4L1D-F4	WHI4F	2900*1150*1765	2650	4100*1600*2480	4100
LGCS-475	350	438	380	475	6ZTAA13-G4	S4L1D-F4	WHI4F	2900*1150*1765	2650	4100*1600*2480	4100
LGCS-468	350	438	374	468	QSZ13-G2	S4L1D-F4	WHI4F	2900*1150*1765	2650	4100*1600*2480	4100
LGCS-500	380	475	400	500	QSZ13-G3	S4L1D-G4	WHI4G	2900*1150*1765	2650	4100*1600*2480	4100
LGCS-525	380	475	420	525	QSZ13-G5	S4L1D-G4	WHI4G	2900*1150*1765	2650	4100*1600*2480	4100
LGCS-275	N/A	N/A	220	275	NT855-GA	UCDI274J	WHI274J	3050*1150*2000	3000	3950*1500*2250	4500
LGCS-350	250	313	275	344	NTA855-G1	S4L1D-D4	WHI4D	3050*1150*2000	3000	3950*1500*2250	4500
LGCS-375	275	344	300	375	NTA855-G1B	S4L1D-D4	WHI4E	3050*1150*2000	3000	3950*1500*2250	4500
LGCS-438	315	394	350	438	NTA855-G3	S4L1D-E4	WHI4E	3050*1150*2000	3000	3950*1500*2250	4500
LGCS-500	350	438	400	500	KTA19-G2	S4L1D-F4	WHI4F	3200*1400*2200	3500	4300*1600*2250	4800
LGCS-575	410	513	450	563	KTA19-G3	S5L1D-C4	WHI5C	3200*1400*2200	3500	4300*1600*2250	4800
LGCS-625	450	563	500	625	KTA19-G3A	S5L1D-D4	WHI5D	3200*1400*2200	3500	4300*1600*2250	4800
LGCS-625	450	563	500	625	KTA19-G4	S5L1D-D4	WHI5D	3200*1400*2200	3500	4300*1600*2250	4800
LGCS-688	470	588	550	688	KTAA19-G5	S5L1D-E4	WHI5D	3430*1520*2200	3600	4800*2000*2530	5900
LGCS-713	500	625	570	713	QSK19-G4	S5L1D-E4	WHI5ES	3430*1520*2200	3600	4800*2000*2530	5900
LGCS-750	550	688	600	750	QSK19-G5	S5L1D-F4	WHI5E	3430*1520*2200	3600	4800*2000*2530	5900
LGCS-750	N/A	N/A	600	750	KTAA19-G6A	S5L1D-F4	WHI5FS	3430*1520*2200	3600	4800*2000*2530	6000
LGCS-850	620	775	680	850	KT38-G	S5L1D-H4	WHI5FS	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-963	700	875	770	963	KTA38-G1	S6L1D-D4	WHI6C	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-1000	725	906	800	1000	KTA38-G2	S6L1D-D4	WHI6C	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-1038	750	938	830	1038	KTA38-G2B	S6L1D-D4	WHI6D	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-1125	800	1000	900	1125	KTA38-G2A	S6L1D-E4	WHI6D	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-1250	900	1125	1000	1250	KTA38-G4	S6L1D-F4	WHI6E	4500*1800*2200	7500	5800*2000*2530	10000
LGCS-1375	N/A	N/A	1100	1375	KTA38-G9	S6L1D-G4	WHI6F	4500*1800*2200	7500	20" container	10000
LGCS-1550	1100	1375	1240	1550	QSK38-G4	S6L1D-H4	WHI6G	4500*1800*2200	7500	20" container	10000
LGCS-1575	1100	1375	1260	1575	KTA50-G3	S6L1D-H4	WHI6G	4500*1800*2200	7500	40" container	10000
LGCS-1875	1260	1575	1386	1733	KTA50-G9	S7L1D-D4	WHI7B	4900*2100*2530	8600	40" container	13800

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.

Available in the following voltage:127V/220V,132V/230V,220V/380V,254V/440V,266V/460V,277V/488V.

LONGEN POWER

PERKINS

GENERATOR




- Powered by well-known Perkins engine .
- Vibration isolators between the engine , alternator and base.
- Deepsea controller with AMF function standard, ComAp for option.
- Lockable battery isolator switch.
- Excitation system: self-excited , PMG for option.
- Equipped with CHINT circuit breaker, ABB for option.
- Integrated wiring design.
- Base fuel tank for at least 8 hours running (standard for 500KVA below, option for 500KVA above).
- Equipped with an industrial muffler.
- 50 degree radiator.
- Top lifting and steel base frame with forklift holes.
- Drainage for fuel tank.
- Complete protection functions and safety labels.
- Automatic transfer switch and Paralleling switchgear for option.
- Battery charger, water jacket preheater, oil heater and double air cleaner etc. for option.

PERKINS 50 Hz 3P

Model	PrimePower		Standby Power		Engine	Alternator		Dimension & Weight			
	KW	KVA	KW	KVA		Leroy Somer	Longen	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGPL-10	7.2	9	8	10	403D-11G	LSA 40 VS1	WHI164B	1200*700*1100	450	1700*850*1100	650
LGPL-13	10	12.5	11	13.8	403D-15G	LSA 40 VS2	WHI164C	1200*700*1100	450	1700*850*1100	650
LGPL-15	12	15	13.2	16.5	403A-15G2	LSA 40 S3	WHI164D	1200*700*1100	450	1700*850*1100	650
LGPL-22	16	20	17.6	22	404D-22G	LSA 40 M5	WHI184ES	1400*700*1100	550	1900*850*1100	750
LGPL-33	24	30	26.4	33	1103A-33G	LSA 42.3 VS3	WHI184G	1700*800*1250	750	2280*950*1510	950
LGPL-50	36	45	40	50	1103A-33TG1	LSA 42.3 M7	WHI224C	1700*800*1250	800	2280*950*1510	1000
LGPL-66	48	60	52.8	66	1103A-33TG2	LSA 42.3 L9	WHI224E	1700*800*1250	880	2280*950*1510	1100
LGPL-72	52	65	57.2	71.5	1104A-44TG1	LSA44.3 S2	WHI224E	1900*800*1250	980	2500*950*1510	1300
LGPL-88	64	80	70.4	88	1104A-44TG2	LSA44.3 S3	WHI224F	1900*800*1250	980	2500*950*1510	1300
LGPL-110	80	100	88	110	1104C-44TAG2	LSA44.3 S5	WHI274C	1900*800*1250	1100	2500*950*1510	1450
LGPL-150	109	136	120	150	1106A-70TG1	LSA44.3 M8	WHI274ES	2300*900*1550	1350	3100*1100*1610	1800
LGPL-165	120	150	132	165	1106A-70TAG2	LSA44.3 L10	WHI274F	2300*900*1550	1400	3100*1100*1610	1850
LGPL-200	144	180	160	200	1106A-70TAG3	LSA44.3 VL13	WHI274G	2500*900*1600	1500	3100*1200*1610	1950
LGPL-228	166	208	183	228	1106A-70TAG4	LSA44.3 VL14	WHI274H	2500*900*1600	1500	3100*1200*1610	2100
LGPL-220	160	200	176	220	1206A-E70TTAG1	LSA44.3 VL14	WHI274H	2600*950*1700	1950	3600*1200*2050	2800
LGPL-250	184	230	202.4	253	1206A-E70TTAG2	LSA46.3 S4	WHI274J	2600*950*1700	1950	3600*1200*2050	2800
LGPL-275	200	250	220	275	1206A-E70TTAG3	LSA46.3 S5	WHI274K	3000*1100*1700	2600	4200*1300*2250	3600
LGPL-132EV	96	120	105.6	132	1204J-E44TTAG2	LSA44.3 M6	WHI274ES	2600*950*1700	1950	3600*1200*2050	2800
LGPL-220EV	160	200	176	220	1206J-E70TTAG3	LSA44.3 VL14	WHI274H	3000*1100*1700	2600	4200*1300*2250	3600
LGPL-220EV	160	200	176	220	1206J-E70TTAG4	LSA44.3 VL14	WHI274H	3000*1100*1700	2600	4200*1300*2250	3600
LGPL-275	200	250	220	275	1506A-E88TAG3	LSA46.3 S5	WHI274K	2600*950*1700	1950	3600*1200*2050	2800
LGPL-385	280	350	308	385	2206C-E13TAG2	LSA46.3 L11	WHI4FS	3300*1140*2200	3300	4300*1600*2250	4700
LGPL-440	320	400	352	440	2206C-E13TAG3	LSA47.3 S4	WHI4G	3300*1140*2200	3300	4300*1600*2250	4700
LGPL-500	364	455	400	500	2506C-E15TAG1	LSA47.3 S5	WHI5C	3500*1400*2200	3800	4600*1700*2370	5300
LGPL-550	400	500	440	550	2506C-E15TAG2	LSA47.3 M7	WHI5D	3500*1400*2200	3800	4600*1700*2370	5300
LGPL-660	480	600	528	660	2806C-E18TAG1A	LSA47.3 L9	WHI5E	3500*1600*2200	4600	4600*2100*2450	5800
LGPL-715	520	650	572	715	2806A-E18TAG2	LSA47.3 L10	WHI5FS	3500*1600*2200	4600	4600*2100*2450	5800
LGPL-440	320	400	352	440	2206D-E13TAG3	LSA47.3 S4	WHI4G	3500*1400*2200	3800	4600*1700*2370	5300
LGPL-550	400	500	440	550	2506D-E15TAG2	LSA47.3 M7	WHI5D	3500*1400*2200	3800	4600*1700*2370	5300
LGPL-825	600	750	660	825	4006-23TAG2A	LSA49.3 M6	WHI6B	4000*1800*2450	6100	5500*2100*2450	7700
LGPL-880	640	800	704	880	4006-23TAG3A	LSA49.3 M8	WHI6C	4000*1800*2450	6100	5500*2100*2450	7700
LGPL-990	720	900	792	990	4008TAG1A	LSA49.3 L9	WHI6D	4750*2100*2250	7500	5800*2000*2450	10000
LGPL-1125	800	1000	880	1100	4008TAG2A	LSA49.3 L10	WHI6E	4750*2100*2250	7500	5800*2000*2450	10000
LGPL-1238	900	1125	990	1238	4008-30TAG3	LSA50.2 M6	WHI6F	4500*1800*2250	9900	20" container	12400
LGPL-1375	1000	1250	1100	1375	4012-46TWG2A	LSA50.2 M6	WHI6G	4500*1800*2250	9900	20" container	12400
LGPL-1650	1200	1500	1320	1650	4012-46TAG2A	LSA50.2 L8	WHI7C	4500*1800*2250	10700	20" container	13200
LGPL-1875	1364	1752	1500	1875	4012-46TAG3A	LSA52.3 S5	WHI7D	5200*2100*2650	10700	40" container	15700
LGPL-2000	1480	1850	1600	2000	4016TAG1A	LSA52.3 S5	WHI7E	5200*2100*2650	11700	40" container	16700
LGPL-2200	1600	2000	1760	2200	4016TAG2A	LSA52.3 S6	WHI7F	5200*2100*2650	11700	40" container	16700
LGPL-2500	1800	2250	2000	2500	4016-61TRG3	LSA52.3 L9	WHI7G	5200*2100*2650	13000	40" container	17700

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.

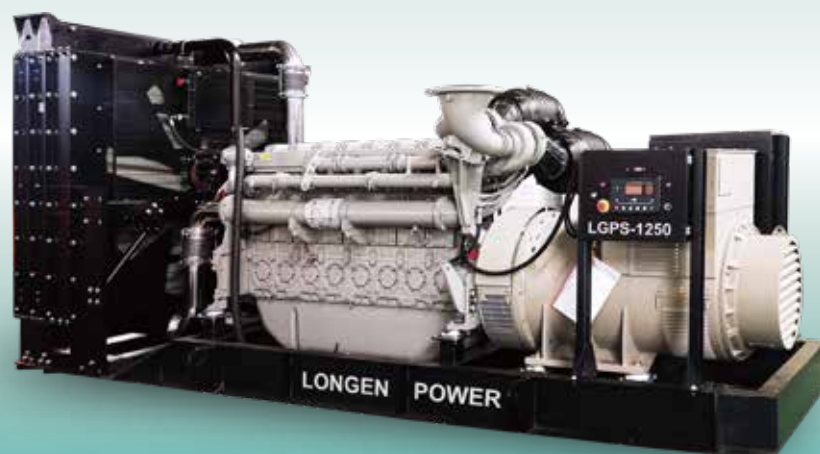
Rated power factor:0.8.

Available in the following voltage:380V/220V,400V/230V,415V/240V,440V/254V.

LONGEN POWER

PERKINS

GENERATOR



PERKINS 60 Hz 3P

Model	PrimePower		Standby Power		Engine	Alternator		Dimension & Weight			
	KW	KVA	KW	KVA		Leroy Somer	Longen	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGPL-12	9	11	10	12	403D-11G	LSA40 VS1	WHI164B	1200*700*1100	450	1700*850*1100	650
LGPL-18	13	16	14	18	403D-15G	LSA40 S3	WHI164C	1200*700*1100	450	1700*850*1100	650
LGPL-20	14	18	16	20	403A-15G2	LSA40 S4	WHI164D	1200*700*1100	450	1700*850*1100	650
LGPL-26	19	24	21	26	404D-22G	LSA40 M7	WHI184ES	1400*700*1100	550	1900*850*1100	750
LGPL-35	26	32	29	35	404D-22TG	LSA42.3 VS2	WHI184F	1400*700*1100	550	1900*850*1100	750
LGPL-38	28	35	31	38	1103A-33G	LSA42.3 VS3	WHI184G	1700*800*1250	750	2280*950*1510	950
LGPL-59	43	54	47	59	1103A-33TG1	LSA42.3 M8	WHI224D	1700*800*1250	800	2280*950*1510	1000
LGPL-75	55	68	60	75	1103A-33TG2	LSA42.3 L9	WHI224E	1700*800*1250	880	2280*950*1510	1100
LGPL-71	N/A	N/A	57	71	1104D-44TG1	LSA44.3 S2	WHI224E	1900*800*1250	980	2500*950*1510	1300
LGPL-84	61	76	67	84	1104A-44TG1	LSA44.3 S2	WHI224F	1900*800*1250	980	2500*950*1510	1300
LGPL-75	N/A	N/A	60	75	1104D-E44TG1	LSA44.3 S2	WHI224F	1900*800*1250	980	2500*950*1510	1300
LGPL-100	73	91	80	100	1104A-44TG2	LSA44.3 S4	WHI224G	1900*800*1250	1050	2500*950*1510	1400
LGPL-100	N/A	N/A	80	100	1104D-E44TAG1	LSA44.3 S4	WHI274C	1900*800*1250	1050	2500*950*1510	1400
LGPL-125	N/A	N/A	100	125	1104D-E44TAG2	LSA44.3 M6	WHI274D	1900*800*1250	1100	2500*950*1510	1450
LGPL-127	92	113	100	125	1104C-44TAG2	LSA44.3 M6	WHI274C	1900*800*1250	1100	2500*950*1510	1450
LGPL-132	96	120	106	132	1204J-E44TTAG2	LSA44.3 M6	WHI274D	1900*800*1250	1100	2500*950*1510	1450
LGPL-168	122	153	134	168	1106A-70TG1	LSA44.3 M8	WHI274ES	2300*900*1550	1350	3100*1100*1610	1800
LGPL-186	135	169	149	186	1106A-70TAG2	LSA44.3 L10	WHI274E	2300*900*1550	1400	3100*1100*1610	1850
LGPL-186	135	169	149	186	1206F-E70TTAG3	LSA44.3 L10	WHI274E	2300*900*1550	1400	3100*1100*1610	1850
LGPL-178	N/A	N/A	143	178	1106D-E70TAG2	LSA44.3 L10	WHI274E	2300*900*1550	1400	3100*1100*1610	1850
LGPL-191	N/A	N/A	153	191	1106D-E70TAG3	LSA44.3 L12	WHI274F	2500*900*1600	1500	3100*1200*1610	1950
LGPL-218	158	198	174	217	1106A-70TAG3	LSA44.3 VL13	WHI274G	2500*900*1600	1500	3100*1200*1610	1950
LGPL-219	N/A	N/A	175	219	1106D-E70TAG4	LSA44.3 VL14	WHI274G	2500*900*1600	1500	3100*1200*1610	2100
LGPL-250	N/A	N/A	200	250	1106D-E70TAG5	LSA46.3 S4	WHI274H	2500*900*1600	1500	3100*1200*1610	2100
LGPL-248	180	225	198	248	1206F-E70TTAG4	LSA46.3 S4	WHI274H	2600*950*1700	1950	3600*1200*2050	2800
LGPL-438	320	400	350	438	2206C-E13TAG2 L	LSA46.3 L11	WHI4F	3300*1140*2200	3300	4300*1600*2250	4700
LGPL-438	320	400	350	438	2206A-E13TAG5	LSA46.3 L11	WHI4F	3300*1140*2200	3300	4300*1600*2250	4700
LGPL-438	N/A	N/A	350	438	2206D-E13TAG2	LSA46.3 L11	WHI4F	3300*1140*2200	3300	4300*1600*2250	4700
LGPL-482	350	438	385	481	2206A-E13TAG6	LSA47.3 S4	WHI4F	3300*1140*2200	3300	4300*1600*2250	4700
LGPL-500	N/A	N/A	400	500	2206D-E13TAG3	LSA47.3 S5	WHI4G	3300*1140*2200	3300	4300*1600*2250	4700
LGPL-563	400	500	450	563	2506C-E15TAG1 L	LSA47.3 S5	WHI4G	3500*1400*2200	3800	4600*1700*2370	5300
LGPL-563	N/A	N/A	450	563	2506D-E15TAG1	LSA47.3 M7	WHI5C	3500*1400*2200	3800	4600*1700*2370	5300
LGPL-625	N/A	N/A	500	625	2506C-E15TAG3	LSA47.3 M7	WHI5ES	3500*1400*2200	3800	4600*1700*2370	5300
LGPL-687	N/A	N/A	550	687	2506C-E15TAG4	LSA47.3 M8	WHI5ES	3500*1400*2200	3800	4600*1700*2370	5300
LGPL-687	500	625	550	687	2806C-E18TAG1A L	LSA47.3 M8	WHI5ES	3500*1600*2200	4600	4600*2100*2450	5800
LGPL-750	N/A	N/A	600	750	2806C-E18TAG3	LSA49.3 S4	WHI5F	3500*1600*2200	4600	4600*2100*2450	5800
LGPL-825	600	750	660	825	4006-23TAG2A	LSA49.3 M6	WHI5F	4000*1800*2450	6100	5500*2100*2450	7700
LGPL-935	680	850	750	935	4006-23TAG3A	LSA49.3 M8	WHI6B	4000*1800*2450	6100	5500*2100*2450	7700
LGPL-1100	800	1000	880	1100	4008TAG2	LSA49.3 L10	WHI6D	4750*2100*2250	7500	5800*2000*2450	10000
LGPL-1375	1000	1250	1100	1375	4012-46TWG2A	LSA50.2 M6	WHI6F	4500*1800*2250	9900	20" container	12400
LGPL-1650	1200	1500	1320	1650	4012-46TAG2A	LSA50.2 L7	WHI7B	5010*2270*2400	10700	40" container	13200
LGPL-1875	1364	1705	1500	1875	4012-46TAG3A	LSA50.2 VL10	WHI7C	5010*2270*2400	10700	40" container	15700

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to a maximum of 500 hours per year. No over load is permitted.

Available in the following voltage:127V/220V,132V/230V,220V/380V,254V/440V,266V/460V,277V/488V.

LONGEN POWER

DOOSAN

GENERATOR



DOOSAN 50Hz 3P

Model	PrimePower		Standby Power		Engine	Alternator		Dimension & Weight			
	KW	KVA	KW	KVA		Longen	TAL	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGDO-69	50	63	55	69	SP344CB	WHI224E	TAL-A42-H	1850*800*1350	800	2280*950*1510	1150
LGDO-88	64	80	70	88	SP344CC	WHI224G	TAL-A44-C	1850*800*1350	800	2280*950*1510	1150
LGDO-193	134	168	148	185	P086TI-1	WHI274G	TAL-A44-K	2800X1050X1600	1700	3300X1250X1950	2300
LGDO-220	160	200	176	220	P086TI	WHI274H	TAL-A44-M	3100X1050X1650	2100	3450X1180X2100	2800
LGDO-250	180	225	200	250	DP086LA	WHI274J	TAL-A46-C	3100X1050X1650	2100	3450X1180X2100	2800
LGDO-300	220	275	240	300	P126TI	WHI4D	TAL-A46-E	3150X1350X1900	2600	3950X1500X2250	3500
LGDO-330	240	300	264	330	P126TI-II	WHI4D	TAL-A46-F	3150X1350X1900	2600	3950X1500X2250	3500
LGDO-400	292	365	320	400	DP126LB	WHI4F	TAL-A46-H	3150X1350X1900	2800	3950X1500X2250	3700
LGDO-440	320	400	352	440	P158LE	WHI4G	TAL-A473-A	3450X1350X2000	3200	3950X1500X2250	4000
LGDO-500	362	453	400	500	DP158LC	WHI5C	TAL-A473-B	3450X1350X2140	4000	3950X1600X2270	4900
LGDO-580	420	525	464	580	DP158LD	WHI5D	TAL-A473-C	3450X1350X2140	4000	3950X1600X2270	4900
LGDO-633	460	575	506	633	DP180LA	WHI5E	TAL-A473-E	3450X1400X2200	4150	4150X1600X2270	5200
LGDO-688	500	625	550	688	DP180LB	WHI5FS	TAL-A473-F	3670X1420X2200	4450	4150X1600X2270	5500
LGDO-760	550	688	608	760	DP222LB	WHI5F	TAL-A473-F	3800X1400X2200	4470	4800X1700X2400	5520
LGDO-825	600	750	660	825	DP222LC	WHI6B	TAL-A49-B	4000X1400X2200	4800	5200X1700X2400	5700
LGDO-825	600	750	660	825	DP222CA	WHI6B	TAL-A49-B	4000X1400X2200	5000	5200X1700X2400	6000
LGDO-880	640	800	704	880	DP222CB	WHI6C	TAL-A49-C	4000X1400X2200	5000	5200X1700X2400	6000
LGDO-1000	730	913	800	1000	DP222CC	WHI6D	TAL-A49-D	4000X1400X2200	5000	5200X1700X2400	6000

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.

Available in the following voltage:380V/220V,400V/230V,415V/240V , 440V/254V.

- Powered by well-known DOOSAN engine, made in Korea.
- Vibration isolators between the engine , alternator and base.
- Deepsea controller with AMF function standard, ComAp for option.
- Lockable battery isolator switch.
- Excitation system: self-excited , PMG for option.
- Equipped with CHINT circuit breaker, ABB for option.
- Integrated wiring design.
- Base fuel tank for at least 8 hours running (standard for 500KVA below, option for 500KVA above).
- Equipped with an industrial muffler.
- 40 degree radiator.
- Top lifting and steel base frame with forklift holes.
- Drainage for fuel tank.
- Complete protection functions and safety labels.
- Automatic transfer switch and Paralleling switchgear for option.
- Battery charger, water jacket preheater, oil heater and double air cleaner etc. for option.

DOOSAN 60Hz 3P

Model	PrimePower		Standby Power		Engine	Alternator		Dimension & Weight			
	KW	KVA	KW	KVA		LONGEN	TAL	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGDO-80	58	73	64	80	SP344CB	WHI224E	TAL-A44-C	1850*800*1350	800	2280*950*1510	1150
LGDO-100	73	91	80	100	SP344CC	WHI224G	TAL-A44-D	1850*800*1350	800	2280*950*1510	1150
LGDO-212	154	193	169	212	P086TI-1	WHI274F	TAL-A44-L	2800X1050X1600	1700	3300X1250X1950	2300
LGDO-252	183	229	201	252	P086TI	WHI274G	TAL-A46-C	3100X1050X1650	2100	3450X1180X2100	2800
LGDO-280	204	255	224	281	DP086LA	WHI274J	TAL-A46-D	3100X1050X1650	2100	3450X1180X2100	2800
LGDO-340	248	310	273	341	P126TI	WHI274K	TAL-A46-F	3150X1350X1900	2600	3950X1500X2250	3500
LGDO-378	275	344	303	378	P126TI-II	WHI4D	TAL-A46-G	3150X1350X1900	2600	3950X1500X2250	3500
LGDO-440	321	401	353	441	DP126LB	WHI4E	TAL-A473-A	3150X1350X1900	2800	3950X1500X2250	3700
LGDO-488	355	444	391	488	P158LE	WHI4F	TAL-A473-A	3450X1350X2000	3200	3950X1500X2250	4000
LGDO-572	416	520	458	572	DP158LC	WHI5C	TAL-A473-B	3450X1350X2140	4000	3950X1600X2270	4900
LGDO-623	453	566	498	623	DP158LD	WHI5D	TAL-A473-D	3450X1350X2140	4000	3950X1600X2270	4900
LGDO-693	504	630	554	693	DP180LA	WHI5ES	TAL-A473-E	3450X1400X2200	4150	4150X1600X2270	5200
LGDO-747	543	679	597	747	DP180LB	WHI5E	TAL-A473-F	3670X1420X2200	4450	4150X1600X2270	5500
LGDO-820	596	745	656	820	DP222LA	WHI5F	TAL-A49-B	3800X1400X2200	4470	4800X1700X2400	5520
LGDO-873	635	794	699	873	DP222LB	WHI5F	TAL-A49-B	3800X1400X2200	4470	4800X1700X2400	5520
LGDO-927	674	843	741	927	DP222LC	WHI6B	TAL-A49-C	4000X1400X2200	4800	5200X1700X2400	5700
LGDO-950	690	863	760	950	DP222CA	WHI6B	TAL-A49-C	4000X1400X2200	5000	5200X1700X2400	6000
LGDO-1030	750	938	825	1030	DP222CB	WHI6D	TAL-A49-D	4000X1400X2200	5000	5200X1700X2400	6000
LGDO-1100	800	1000	880	1100	DP222CC	WHI6D	TAL-A49-E	4000X1400X2200	5000	5200X1700X2400	6000

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.

Available in the following voltage:127V/220V,132V/230V,220V/380V,254V/440V,266V/460V,277V/488V.

MTU

GENERATOR



- Powered by MTU.
- Vibration isolators between the engine , alternator and base.
- Deepsea controller with AMF function standard, ComAp for option.
- Lockable battery isolator switch.
- Excitation system: PMG.
- Equipped with ABB breaker.
- Integrated wiring design.
- Daily fuel tank can be customized.
- Equipped with an industrial muffler.
- 50 degree radiator.
- Top lifting and steel base frame with forklift holes.
- Drainage for fuel tank.
- Complete protection functions and safety labels.
- Auto transfer switch and Paralleling switchgear for option.
- Battery charger, water jacket preheater, oil heater and double air cleaner etc. for option.

MTU 50Hz 3P

Model	PrimePower		Standby Power		Engine	Alternator		Dimension & Weight			
	KW	KVA	KW	KVA		Stamford	Leroy Somer	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGMS-1815	1320	1650	1452	1815	12V4000G23F	S7L1D-D4	LSA50.2 VL10	6150*2150*2400	13500	40HQ	19500
LGMS-2024	1472	1840	1619	2024	12V4000G63F	S7L1D-F4	LSA52.3 S5	6150*2150*2400	14000	40HQ	20000
LGMS-2269	1650	2063	1815	2269	16V4000G23F	S7L1D-G4	LSA52.3 S7	6500*2600*2500	17000	40HQ	23000
LGMS-2475	1800	2250	1980	2475	16V4000G63F	S7L1D-H4	LSA52.3 L9	6550*2600*2500	17500	40HQ	23500
LGMS-2750	2000	2500	2200	2750	20V4000G23F	S7L1D-J4	LSA52.3 L12	8300*2950*2550	24000	40HQ	31000
LGMS-3025	2200	2750	2420	3025	20V4000G63F	P80 LVSI804S	LSA52.3 UL16	8300*2950*2550	24500	40HQ	32000
LGMS-3300	2400	3000	2640	3300	20V4000G63LF	P80 LVSI804T	N/A	8300*2950*2550	25000	40HQ	33000

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.

Available in the following voltage:380V/220V,400V/230V,415V/240V.

MTU 60Hz 3P

Model	PrimePower		Standby Power		Engine	Alternator		Dimension & Weight			
	KW	KVA	KW	KVA		Stamford	Leroy Somer	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGMS-1925	1400	1750	1540	1925	12V4000G43S	S7L1D-D4	LSA50.2 VL10	6150*2150*2400	13500	40HQ	19500
LGMS-2200	1600	2000	1760	2200	12V4000G83S	S7L1D-F4	LSA52.3 S6	6150*2150*2400	14000	40HQ	20000
LGMS-2544	1850	2313	2035	2544	16V4000G43S	S7L1D-G4	LSA52.3 L9	6500*2600*2500	17000	40HQ	23000
LGMS-2888	2100	2625	2310	2888	16V4000G83S	S7L1D-J4	LSA52.3 L12	6550*2600*2500	17500	40HQ	23500
LGMS-3163	2300	2875	2530	3163	20V4000G43S	P80 LVSI804S	LSA52.3 UL16	8300*2950*2550	24000	40HQ	31000
LGMS-3506	2550	3188	2805	3506	20V4000G83S	P80 LVSI804T	N/A	8300*2950*2550	24500	40HQ	32000
LGMS-3850	2800	3500	3080	3850	20V4000G83LS	P80 LVSI804W	N/A	8300*2950*2550	25000	40HQ	33000

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.

Available in the following voltage:127V/220V,132V/230V,220V/380V,254V/440V,266V/460V,277V/488V.

mitsubishi

GENERATOR



- Powered by MITSUBISHI.
- Vibration isolators between the engine , alternator and base.
- Deepsea controller with AMF function standard, ComAp for option.
- Lockable battery isolator switch.
- Excitation system: self-excited , PMG for option.
- Equipped with CHINT circuit breaker, ABB for option.
- Integrated wiring design.
- Daily fuel tank can be customized.
- Equipped with an industrial muffler.
- 50 degree radiator.
- Top lifting and steel base frame with forklift holes.
- Drainage for fuel tank.
- Complete protection functions and safety labels.
- Automatic transfer switch and Paralleling switchgear for option.
- Battery charger, water jacket preheater, oil heater and double air cleaner etc. for option.

MITSUBISHI 50Hz 3P

Model	PrimePower		Standby Power		MITSUBISHI	Alternator		Dimension	
	KW	KVA	KW	KVA		Stamford	Leroy Somer	L*W*H(mm) (open)	L*W*H(mm) (silent)
LGMS-687	500	625	550	688	S6R2-PTA-C	HCI544F-S	LSA49.3S4A	4550*2100*2320	5800*2100*2530
LGMS-725	536	670	580	725	S6R2-PTA-C	HCI544F	LSA49.3S4	4550*2100*2320	5800*2100*2530
LGMS-825	600	750	660	825	S6R2-PTAA-C	LV1634B	LSA49.3M65	4550*2100*2320	5800*2100*2530
LGMS-1375	1000	1250	1100	1375	S12R-PTA-C	LV1634G	LSA50.2M6	5000*2200*2530	40HQ
LGMS-1500	1100	1375	1200	1500	S12R-PTA2-C	PI734B	LSA50.2L7	5000*2200*2530	40HQ
LGMS-1650	1200	1500	1320	1650	S12R-PTAA2-C	PI734C	LSA50.2L8	5000*2200*2530	40HQ
LGMS-1900	1392	1740	1520	1900	S16R-PTA-C	PI734ES	LSA52.3S5	5500*2200*2800	40HQ
LGMS-2100	1520	1900	1680	2100	S16R-PTA2-C	PI734E	LSA52.3S6	5500*2200*2800	40HQ
LGMS-2250	1640	2050	1800	2250	S16R-PTAA2-C	PI734F	LSA52.3S6	5820*2200*2800	40HQ

MITSUBISHI 50Hz 3P

Model	PrimePower		Standby Power		MITSUBISHI	Alternator		Dimension	
	KW	KVA	KW	KVA		Stamford	Leroy Somer	L*W*H(mm) (open)	L*W*H(mm) (silent)
LGMS-687	500	625	550	688	S6R2-PTA	HCI544F-S	LSA49.3S4A	4550*2100*2320	5800*2100*2530
LGMS-725	536	670	580	725	S6R2-PTA	HCI544F	LSA49.3S4	4550*2100*2320	5800*2100*2530
LGMS-825	600	750	660	825	S6R2-PTAA	LV1634B	LSA49.3M65	4550*2100*2320	5800*2100*2530
LGMS-1375	1000	1250	1100	1375	S12R-PTA	LV1634G	LSA50.2M6	5000*2200*2530	40HQ
LGMS-1500	1100	1375	1200	1500	S12R-PTA2	PI734B	LSA50.2L7	5000*2200*2530	40HQ
LGMS-1650	1200	1500	1320	1650	S12R-PTAA2	PI734C	LSA50.2L8	5000*2200*2530	40HQ
LGMS-1900	1392	1740	1520	1900	S16R-PTA	PI734ES	LSA52.3S5	5500*2200*2800	40HQ
LGMS-2100	1520	1900	1680	2100	S16R-PTA2	PI734E	LSA52.3S6	5500*2200*2800	40HQ
LGMS-2250	1640	2050	1800	2250	S16R-PTAA2	PI734F	LSA52.3S6	5820*2200*2800	40HQ
LGMS-2500	1800	2250	2000	2500	S16R2-PTAW	PI734H	LSA52.3S7	6250*2200*2800	40HQ

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.

Available in the following voltage:380V/220V,400V/230V,415V/240V,440V/254V.

FPT

GENERATOR



- Powered by reliable international brand engine FPT, Kubota, Yanmar.
- Vibration isolators between the engine , alternator and base.
- Deepsea controller with AMF function standard, ComAp for option.
- Lockable battery isolator switch.
- Excitation system: self-excited , PMG for option.
- Equipped with CHINT circuit breaker, ABB for option.
- Integrated wiring design.
- Base fuel tank for at least 8 hours running.
- Equipped with an industrial muffler.
- 50 degree radiator.
- Top lifting and steel base frame with forklift holes.
- Drainage for fuel tank.
- Complete protection functions and safety labels.
- Automatic transfer switch and Paralleling switchgear for option.
- Battery charger, water jacket preheater, oil heater and double air cleaner etc. for option.



50Hz 3P

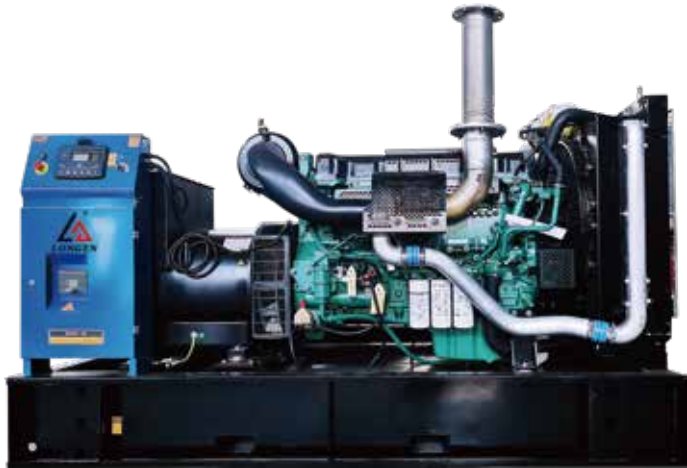
Model	PrimePower		Standby Power		Engine		Alternator	Dimension & Weight			
	KW	KVA	KW	KVA	Model	Brand	Stamford	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGYS-14	10	14	11	14	3TNV88-GGHW	YANMAR	S0L1-L1	/	/	1650*800*1050	630
LGKS-17	12	15	13	17	D1803	KUBOTA	S0L1-P1	/	/	1650*800*1110	650
LGKS-22	16	20	18	22	V2403	KUBOTA	S0L2-G1	/	/	1750*800*1100	750
LGYS-33	24	25	26	33	4TNV98-GGECC	YANMAR	S0L2-P1	/	/	2000*850*1180	750
LGYS-44	32	40	35	44	4TNV98T-GGECC	YANMAR	S1L2-K1	/	/	2000*850*1180	830
LGFS-55	40	50	44	55	4TNV106-GGE	YANMAR	S1L2-R1	/	/	2280*950*1512	950
LGFS-66	48	60	52	66	NEF45SM1A.S500	FPT	S1L2-Y1	/	/	2280*950*1512	980
LGFS-88	64	80	70	88	NEF45SM3.S500	FPT	UCI224G	/	/	2500*950*1513	1000
LGFS-110	80	100	88	110	NEF45TM2A.S500	FPT	UCI274C	/	/	2500*950*1513	1100
LGFS-132	96	120	106	132	NEF45TM3.S500	FPT	UCI274D	2000*850*1530	1150	2750*1050*1650	1750
LGFS-165	120	150	132	165	NEF67TM3A.S500	FPT	UCI274F	2500*1000*1750	1700	3200*1130*1950	2300
LGFS-187	136	170	150	187	NEF67TM4.S500	FPT	UCI274G	2500*1000*1750	1700	3200*1130*1950	2300
LGFS-220	160	200	176	220	NEF67TM7.S500	FPT	UCI274H	2500*1000*1750	1700	3200*1130*1950	2300
LGFS-275	200	250	220	275	C87TE3	FPT	S4L1D-C41	3050*1150*1900	2800	3800*1500*2230	3800
LGFS-330	240	300	264	330	C87TE4	FPT	S4L1D-D41	3050*1150*1900	2800	3800*1500*2230	3800
LGFS-440	320	400	352	440	CURSOR13TE3A.S551	FPT	S4L1D-F41	3050*1150*1900	2800	3800*1500*2230	3800
LGFS-550	400	500	440	550	CR13TE7W.S550	FPT	S5L1D-C41	3150*1300*2050	3400	4100*1500*2230	4500
LGFS-660	480	600	528	660	CR16TE1W.S550	FPT	S5L1D-E41	3200*1300*2050	3600	4300*1600*2400	4800

60Hz 3P

Model	PrimePower		Standby Power		Engine		Alternator	Dimension & Weight			
	KW	KVA	KW	KVA	Model	Brand	Stamford	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGYS-16	12	15	13	16	3TNV88-GGHW	YANMAR	S0L1-P1	/	/	1700*850*1050	650
LGYS-23	16	21	18	23	4TNV88-GGHW	YANMAR	S0L2-G1	/	/	1900*850*1050	750
LGYS-26	19	24	21	26	4TNV84T-GGFC	YANMAR	S0L2-M1	/	/	1900*850*1050	750
LGYS-39	28	35	31	39	4TNV98-GGECC	YANMAR	S1L2-J1	/	/	2050*850*1100	850
LGYS-44	38	47	35	44	4TNV98T-GGECC	YANMAR	S1L2-N1	/	/	2050*850*1100	900
LGYS-62	45	56	50	62	4TNV106-GGE	YANMAR	UCI224D	/	/	2450*950*1300	950
LGFS-72	52	65	57	72	NEF45SM1A.S500	FPT	S1L2-Y1	1850*800*1350	800	2280*950*1510	1150
LGFS-100	72	90	80	100	NEF45SM3.S500	FPT	UCI224G	1850*800*1350	800	2280*950*1510	1150
LGFS-120	88	110	96	120	NEF45TM2A.S500	FPT	UCI274C	2000*850*1530	1150	2750*1050*1650	1750
LGFS-138	100	125	110	138	NEF45TM3.S500	FPT	UCI274D	2000*850*1530	1150	2750*1050*1650	1750
LGFS-154	112	140	123	154	NEF67SM1.S500	FPT	UCI274E	2500*1000*1750	1700	3200*1130*1950	2300
LGFS-220	160	200	176	220	NEF67M7.S500	FPT	UCI274G	2500*1000*1750	1700	3200*1130*1950	2300
LGFS-300	216	270	240	300	C87TE3	FPT	UCDI274J	3050*1150*1900	2800	3800*1500*2230	3800
LGFS-360	260	325	288	360	C87TE4	FPT	S4L1D-D41	3050*1150*1900	2800	3800*1500*2230	3800
LGFS-450	320	400	360	450	CURSOR13TE3A.S551	FPT	S4L1D-E41	3050*1150*1900	2800	3800*1500*2230	3800
LGFS-550	400	500	440	550	CR13TE7W	FPT	S4L1D-G41	3150*1300*2050	3400	4100*1500*2230	4500
LGFS-660	480	600	528	660	CR16TE1W	FPT	S5L1D-E41	3200*1300*2050	3600	4300*1600*2400	4800

VOLVO

GENERATOR



VOLVO 50Hz 3P

Model	PrimePower		Standby Power		Engine	Alternator		Dimension & Weight			
	KW	KVA	KW	KVA	VOLVO	Stamford	Leroy Somer	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGVS-278	202	253	222	278	TAD841GE	S4L1D-C4	LSA46.3 S5	3050*1050*1900	2700	3800*1500*2230	3800
LGVS-334	243	304	267	334	TAD842GE	S4L1D-D4	LSA46.3 M8	3050*1050*1900	2700	3800*1500*2230	3800
LGVS-358	260	325	286	358	TAD843GE	HCI 444ES	LSA46.3 L10	3050*1050*1900	2700	3800*1500*2230	3800
LGVS-351	255	319	281	351	TAD1341GE-B	HCI 444ES	LSA46.3 L10	3150*1200*2050	3000	3950*1500*2230	4100
LGVS-387	282	352	310	387	TAD1342GE-B	S4L1D-E4	LSA46.3 L11	3150*1200*2050	3000	3950*1500*2230	4100
LGVS-415	302	378	332	415	TAD1343GE-B	HCI 444FS	LSA47.3 S4	3150*1200*2050	3000	3950*1500*2230	4100
LGVS-450	329	411	362	452	TAD1344GE-B	S4L1D-F4	LSA47.3 S4	3150*1200*2050	3200	3950*1500*2230	4300
LGVS-500	360	450	400	500	TAD1345GE-B	S4L1D-G4	LSA47.3 S5	3150*1200*2050	3200	3950*1500*2230	4300
LGVS-550	400	500	440	550	TAD1346GE	S5L1D-C4	LSA47.3 M7	3250*1200*2050	3350	4050*1500*2230	4500
LGVS-550	400	500	440	550	TAD1641GE-B	S5L1D-C4	LSA47.3 M7	3350*1250*2150	3800	4200*1600*2530	5200
LGVS-650	473	591	520	650	TAD1642GE-B	S5L1D-E4	LSA47.3 L9	3350*1250*2150	3800	4200*1600*2530	5200
LGVS-716	521	651	573	716	TWD1644GE	S5L1D-F4	LSA47.3 L10	3600*1450*2250	4800	4800*1900*2530	6500
LGVS-770	560	700	616	770	TWD1645GE	S5L1D-G4	LSA49.3M6	3600*1450*2250	4800	4800*1900*2530	6500
LGVS-356	259	324	285	356	TAD1351GE	HCI 444ES	LSA46.3 L10	3150*1200*2050	3200	3950*1500*2230	4300
LGVS-402	292	365	321	402	TAD1352GE	HCI 444FS	LSA47.3 S4	3150*1200*2050	3200	3950*1500*2230	4300
LGVS-420	305	381	336	420	TAD1354GE	HCI 444FS	LSA47.3 S4	3150*1200*2050	3200	3950*1500*2230	4300
LGVS-459	334	418	367	459	TAD1355GE	S4L1D-F4	LSA47.3 S4	3150*1200*2050	3200	3950*1500*2230	4300
LGVS-500	360	450	400	500	TAD1650GE	S4L1D-G4	LSA47.3 S5	3250*1200*2050	3350	4050*1500*2230	4500
LGVS-556	404	505	445	556	TAD1651GE	S5L1D-C4	LSA47.3 M7	3350*1250*2150	3800	4200*1600*2530	5200
LGVS-661	480	600	529	661	TAD1652GE	S5L1D-E4	LSA47.3 L9	3600*1450*2250	4800	4800*1900*2530	6500
LGVS-718	520	650	574	718	TAD1653GE	S5L1D-F4	LSA47.3 L10	3600*1450*2250	4800	4800*1900*2530	6500

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.

Available in the following voltage:380V/220V,400V/230V,415V/240V,440V/254V.

- Powered by VOLVO.
- Vibration isolators between the engine , alternator and base.
- Deepsea controller with AMF function standard, ComAp for option.
- Lockable battery isolator switch.
- Excitation system: self-excited , PMG for option.
- Equipped with CHINT circuit breaker, ABB for option.
- Integrated wiring design.
- Base fuel tank for at least 8 hours running (standard for 500KVA below, option for 500KVA above).
- Equipped with an industrial muffler.
- 50 degree radiator.
- Top lifting and steel base frame with forklift holes.
- Drainage for fuel tank.
- Complete protection functions and safety labels.
- Automatic transfer switch and Paralleling switchgear for option.
- Battery charger, water jacket preheater, oil heater and double air cleaner etc. for option.

VOLVO 60Hz 3P

Model	PrimePower		Standby Power		Engine	Alternator		Dimension & Weight			
	KW	KVA	KW	KVA	VOLVO	Stamford	Leroy Somer	L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGVS-275	207	259	228	285	TAD841GE	UCDI274J	LSA 46.3 S4	3050*1050*1900	2700	3800*1500*2230	3800
LGVS-334	243	304	267	334	TAD842GE	S4L1D-D4	LSA 46.3 M7	3050*1050*1900	2700	3800*1500*2230	3800
LGVS-349	254	318	279	349	TAD843GE	S4L1D-D4	LSA 46.3 M8	3050*1050*1900	2700	3800*1500*2230	3800
LGVS-375	273	341	300	375	TAD1341GE-B	S4L1D-D4	LSA46.3 L10	3150*1200*2050	3000	3950*1500*2230	4100
LGVS-341	321	401	353	441	TAD1342GE-B	S4L1D-E4	LSA46.3 L11	3150*1200*2050	3000	3950*1500*2230	4100
LGVS-451	328	410	361	451	TAD1343GE-B	S4L1D-F4	LSA47.3 S4	3150*1200*2050	3000	3950*1500*2230	4100
LGVS-501	364	455	400	501	TAD1344GE-B	S4L1D-F4	LSA47.3 S4	3150*1200*2050	3200	3950*1500*2230	4300
LGVS-506	368	460	405	506	TAD1345GE-B	S4L1D-F4	LSA47.3 S4	3150*1200*2050	3200	3950*1500*2230	4300
LGVS-562	409	511	450	562	TAD1346GE	S5L1D-C4	LSA47.3 S5	3250*1200*2050	3350	4050*1500*2230	4500
LGVS-627	456	570	502	627	TAD1641GE-B	S5L1D-D4	LSA47.3 M7	3350*1250*2150	3800	4200*1600*2530	5200
LGVS-688	500	625	550	688	TAD1642GE-B	S5L1D-E4	LSA47.3 L9	3350*1250*2150	3800	4200*1600*2530	5200
LGVS-752	547	684	602	752	TWD1644GE	S5L1D-E4	LSA49.3 S4	3600*1450*2250	4800	4800*1900*2530	6500
LGVS-800	582	728	640	800	TWD1645GE	S5L1D-F4	LSA49.3 S4	3600*1450*2250	4800	4800*1900*2530	6500
LGVS-375	273	341	300	375	TAD1351GE	S4L1D-D4	LSA46.3 L10	3150*1200*2050	3200	3950*1500*2230	4300
LGVS-440	320	400	352	440	TAD1352GE	S4L1D-E4	LSA46.3 L11	3150*1200*2050	3200	3950*1500*2230	4300
LGVS-501	364	455	400	501	TAD1353GE	S4L1D-F4	LSA47.3 S4	3150*1200*2050	3200	3950*1500*2230	4300
LGVS-568	413	516	454	568	TAD1650GE	S5L1D-C4	LSA47.3 S5	3350*1250*2150	3800	4200*1600*2530	5200
LGVS-641	464	580	513	641	TAD1651GE	S5L1D-D4	LSA47.3 M7	3350*1250*2150	3800	4200*1600*2530	5200

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.

Available in the following voltage:127V/220V,132V/230V,220V/380V,254V/440V,266V/460V,277V/488V.

LOGNEN

GENERATOR

- Powered by LONGEN.
- Vibration isolators between the engine , alternator and base.
- Deepsea controller with AMF function standard, ComAp for option.
- Excitation system: self-excited , PMG for option.
- Equipped with CHINT circuit breaker, ABB for option.
- Integrated wiring design.
- Base fuel tank for at least 8 hours running.
- Equipped with an industrial muffler.
- 40 degree radiator.
- Top lifting and steel base frame with forklift holes.
- Drainage for fuel tank.
- Complete protection functions and safety labels.
- Automatic transfer switch and Paralleling switchgear for option.
- Battery charger, water jacket preheater, oil heater and double air cleaner etc. for option.



LONGEN 50Hz 3P

Model	PrimePower		Standby Power		Engine	Alternator	Dimension & Weight			
	KW	KVA	KW	KVA			L*W*H(mm) (open)	KG (open)	L*W*H(mm) (silent)	KG (silent)
LGXL-11	8	10	9	11	385D	WHI164B	1450*650*1100	400	1600*800*1100	600
LGXL-14	10	14	12	15	NC485BD	WHI164C	1500*650*1100	430	1750*850*1200	630
LGXL-17	12	15	13	17	NC485BD	WHI164D	1500*650*1100	450	1750*850*1200	650
LGXL-22	16	20	18	22	C490BD	WHI184ES	1500*650*1100	500	1800*850*1200	750
LGXL-28	20	25	22	28	A495BD	WHI184F	1550*650*1100	550	2000*850*1200	750
LGXL-33	24	30	27	33	A498BD	WHI184G	1900*800*1250	580	2000*850*1200	800
LGXL-42	30	38	33	41	A498BZD	WHI184H	1900*800*1350	600	2500*950*1510	830
LGXL-55	40	50	44	55	4D35ZD	WHI224D	1900*800*1400	800	2500*950*1510	1100
LGXL-70	50	63	55	69	A4K41ZD	WHI224E	1900*800*1400	950	3100*1100*1610	1300
LGXL-88	64	80	70	88	A4K41LD31	WHI224F	2000*800*1450	970	3100*1100*1610	1330
LGSL-110	80	100	88	110	SC4H140D2	WHI274C	2100*950*1480	1230	2700*1050*1650	1730
LGSL-125	90	113	100	125	SC4H160D2	WHI274D	2100*950*1480	1260	2700*1050*1650	1760
LGSL-138	100	125	110	138	SC4H180D2	WHI274ES	2100*950*1480	1280	2850*1050*1650	1780
LGSL-165	120	150	132	165	SC7H220D2	WHI274E	2500*1000*1580	1530	3200*1130*1940	2130
LGSL-180	130	163	143	179	SC7H230D2	WHI274F	2500*1000*1580	1550	3200*1130*1940	2150
LGSL-206	150	188	165	206	SC7H250D2	WHI274G	2500*1000*1580	1580	3200*1130*1940	2180
LGSL-225	160	200	176	220	SC8D280D2	WHI274H	2600*1000*1750	1960	3400*1180*2000	2700
LGSL-250	180	225	198	248	SC9D310D2	WHI274J	2700*1050*1750	2000	3500*1180*2000	2750
LGSL-275	200	250	220	275	SC9D340D2	WHI274K	2700*1050*1750	2200	3500*1180*2000	3000
LGSL-330	240	300	264	330	SC10E380D2	WHI4D	3100*1200*1880	2800	3950*1500*2230	3800
LGSL-385	280	350	308	385	SC12E460D2	WHI4FS	3200*1200*1950	3000	3950*1500*2230	4000
LGSL-413	300	375	330	413	SC12E480D2	WHI4F	3200*1200*1950	3100	3950*1500*2230	4100
LGSL-450	330	413	363	454	6ETAA12.8-G32	WHI4G	3300*1300*2000	3400	4100*1600*2230	4500
LGSL-500	360	450	396	495	6ETAA12.8-G31	WHI5C	3300*1300*2000	4000	4100*1600*2230	5200
LGSL-550	400	500	440	550	6ETAA12.8-G310	WHI5D	3300*1300*2000	4100	4100*1600*2230	5300
LGYL-619	450	563	495	619	YC6TD780-D31	WHI5ES	3550*1550*2050	4900	4900*2000*2435	6100
LGYL-688	500	625	550	688	YC6TD840-D31	WHI5FS	3550*1550*2050	5000	4900*2000*2435	6200
LGYL-756	550	688	605	756	YC6TD900-D31	WHI5F	3550*1550*2050	5100	4900*2000*2435	6300
LGYL-825	600	750	660	825	YC6TD1000-D30	WHI6B	3655*1600*2050	5300	5500*2000*2435	6500
LGYL-880	640	800	704	880	YC6TH1070-D31	WHI6C	5100*2000*2550	8040	40HQ	16900
LGYL-1000	728	910	801	1001	YC6TH1220-D31	WHI6D	5100*2000*2550	8100	40HQ	17000
LGYL-1100	800	1000	880	1100	YC6TH1320-D31	WHI6E	5100*2000*2550	8300	40HQ	17200
LGYL-1375	1000	1250	1100	1375	YC12VTD1680-D32	WHI6G	5200*2000*2550	9650	40HQ	18600

Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

Standby Power=Power available at a variable load in the event of a main power network failure up to to a maximum of 500 hours per year. No over load is permitted.

Available in the following voltage:380V/220V,400V/230V,415V/240V.

HIGH VOLTAGE GENERATOR

- Longen Power has much experience and advanced technology in high voltage generator set
- MV/HV optional range: 3.3kV, 6kV, 6.3kV, 6.6kV, 10.5kV, 11kV, 13.8kV.
- Engine: MTU, Cummins, Perkins or Mitsubishi.
- Alternator: Stamford or Leroy somer.
- Multiple units can be connected in parallel to achieve high-power capacity requirements.
- Daily fuel tank , Automatic fuel transfer system, Power distribution cabinets, PT cabinets, NGR cabinets, GCPP cabinets can be customized as per user's application requirements.
- Application: Industrial and manufacturing plants, residential areas, Data centers, Public and governmental buildings / infrastructure, healthcare and hospitals, airports, storm avoidance programs. Construction sites, remote areas, Power stations, Peak shaving, grid stability and capacity programs.



Note:

All ratings are for guidance only, please refer to the specific genset technical data sheet for final power ratings.

All ratings date is based on operation under ISO8528, ISO3046 conditions using typical fan sized and drive ratios.

Priming Power=Power at available load in line of main power network. An overload 10% permitted for one hour in every twelve hours of operations.

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**Longen Power has much experience and advanced technology,
can produce 50Hz or 60Hz high voltage generator set.**



TRAILER GEN SET

- Designed based on soundproof genset.
- Base fuel tank for at least 8 hours running.
- For outdoor application and mobile power station.
- For emergency power supply.
- Four mechanical supporting legs around the trailer.
- Operating platform in three sides of trailer.
- Equipped with direction indicator light, braking light.
- Equipped with two wheels standard for 100KVA below, four wheels standard for 100KVA above.
- Optional cable.



CONTAINERIZED GEN SET

- Designed to fit 20ft or 40ft container, easy for transport.
- Sound attenuation devices to minimize the noise.
- Easy operation, inspection and maintenance.
- Built-in Industrial muffler.
- Equipped with fire extinguishers.



SUPER SILENT

GENERATOR

special design to reduce the decibel by 15 to 45dB.

- | | | | |
|------------|---------|---------------|---------|
| • 20KVA | 55dB@7m | • 125-200KVA | 65dB@7m |
| • 30-60KVA | 58dB@7m | • 300-500KVA | 68dB@7m |
| • 80-100KV | 62dB@7m | • 600-1000KVA | 70dB@7m |



LIGHTING TOWER

General Features

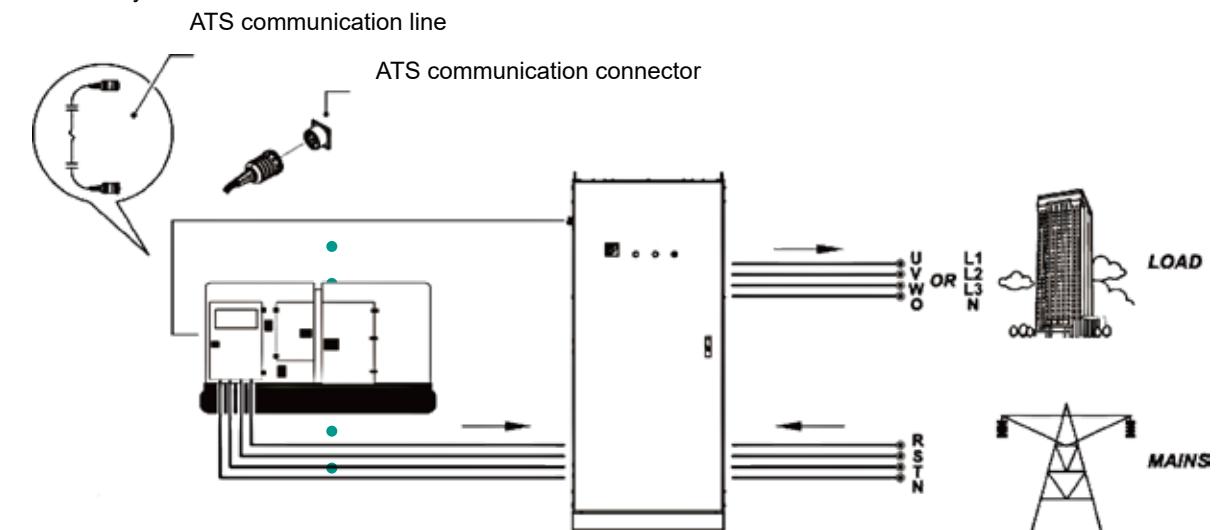
- Heavy-duty design for mining application.
- Telescopic, 360 degree hydraulic mast rotation, mast up to 9 meters.
- LED lights or Metal Halide lights with 120 degree hydraulic rotation.
- Automatic start and stop plus Dawn and Dusk sensor.
- 24 hours operation base fuel tank.
- Residual current device(RCD) protection.
- Hydraulic Disc brake, hand brake with ring or ball hitch for optional.
- Equipped with forklift slots and crane lifting hook for easy lifting.
- With Internal maintenance light and external maintenance night lights.



AUTOMATIC TRANSFER SWITCH (ATS)

Main Features

- Sheet steel lockable enclosure with hinged door.
- Removable base gland plate for cable entry/exit on all ratings.
- Voltmeter(0-500V) across L1-L2 on load output.
- Load transfer push buttons.
- Led indicators for "mains on load" and "generator on load".
- Battery charger standard equipped.
- HAT560 control panel standard equipped except built-in ATS.
- Suitably rated earth bar.



Case -Diesel generator set



APPLICATION



Mining



Building



Railway station



Hospital



Airport



Bank



production-plant



Oil-Field



Telecom



power-plant

