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# About LEES



Lees, power your life!

- Lees, reliable power supplier
- Lees, quality service provider
- Lees, comprehensive power solution expert

Lees is a worldwide company specialized in the manufacturing of a wide range of generator sets, from 8kva to 3000kva.

In the genset area, we offer solutions for every kind of power supply demand: energy where the national grid is not available, energy where it is necessary to operate without interrupting, energy for home, working and entertaining.

Lees owns high technological experience and the vertically integrated manufacturing processes which ensure that all our products are designed and delivered with top of quality and high performance.

All we products are dedicated to the most demanding markets, as a true symbol of our experience built under one mission: to offer the best value of generator sets by a strong strategic relationship with first level components partners.

We are with you in every kind of power need situation.



# About LEES

Lees offer.../Why Lees



## Lees offer...

- Full range of diesel generator sets power from 8KVA to 3000KVA
- Professional power solutions for **commercial, residential, industrial** applications
- Engineering and project management include complete design and installation services
- Custom service according to customers' specific demands
- Updated innovation and continuous improvement
- Full-line original spare parts for all your demands
- 24/7/365 uninterrupted service and support

## Why Lees...

- **Customer-focused**  
Lees always puts customer as the No.1 priority. We devote not just to meeting their demand, but to exceeding it, with high quality products and service.
- **One-stop manufacturing**  
From design to production to delivery, we deal with a one-stop manufacturing service to assure the best quality control, and quick response.
- **Easy to do business with**  
We know that being flexible is important to you. That's why we offer custom solutions especially for you, helping you achieve your business goals.
- **Dedicated to power solutions**  
Our continued dedication to innovating and development ensures Lees is the most professional power solution supplier. We commit ourselves to supplying perfect power you can rely on.
- **Big potential**  
As the new entrant in the power industry, Lees is not the biggest, but Lees owns the best growth and largest potential. We make remarkable improvement and progress every year. You can rely on Lees to be your best and lasting power partner.

*One partner for complete electric power systems management solutions*

# About LEES



Certification

## What makes LEES so significant in generators?

- Cooperate with the world renowned manufacturer of diesel engine, alternator, controller
- Use the best quality components and material to produce Lees generator sets
- Updated technical innovation by Lees professional R&D team
- Strong marketing and sale network
- Complete line of accessories and spare parts with warranty
- Continuous improvement of products
- Strict quality control program: Incoming quality control (IQC) + process inspection + test inspection + delivery inspection





TRADERS

LEES

# Gensets General Instruction

## Identification



Take **LSC1000E3** as example, the generator set is powered by Cummins engine, standby power 1000KVA, three phase, and the generator set is open type.

LS



Lees

 **LEES**

C



C: Cummins engine

P: Perkins engine

Y: YTO engine

X: FAWDE engine

D: Changchai engine

1000



Standby power (KVA)

E



E: Open type

S: Silent type

V: Vehicle type

T: Trailer type

3



3: Three phase






None: Single phase



# Gensets General Instruction



Range of power

	Powered by	50Hz		60Hz	
	Cummins engine	22-2250 KVA		33-1780 KVA	
		18-1800 KW		26-1424 KW	
	Perkins engine	8-2475 KVA		10-1881 KVA	
		8-1980 KW		10-1505 KW	
	FAWDE engine	13-413 KVA		17-413 KVA	
		13-330 KW		17-330 KW	
	YTO engine	7.2-412.5 KVA		8.6-440 KVA	
		7.2-330 KW		8.6-352 KW	
	Changchai engine	9-33 KVA		11-39 KVA	
		9-26 KW		11-31 KW	
Vehicle range	Changchai engine	8 KW	12 KW	16 KW	
		Customized power is optional			

# Gensets General Instruction



## Overview of genset appearance

### 1. Open type

#### 1.1 Standard type



LSC55E3 - powered by Cummins engine 4BTA3.9-G2, standby power 55KVA

#### 1.2 Enlarged fuel tank type



LSP440E3 - powered by Perkins engine 2206C-E13TAG3, standby power 440KVA, with 24 hours fuel tank

#### 1.3 Heavy-duty type



LSC1375E3 - powered by Cummins engine KTA50-G3, standby power 1375KVA

# Gensets General Instruction



## Overview of genset appearance

### 2. Silent type

2.1 Portable type (applied to Changchai range & YTO range )



LSD14S3 - powered by Changchai engine CZ480Q, standby power 14KVA

2.2 Super silent type (applied to Cummins range & Perkins range & FAWDE range & YTO range )



LSP33S3 - powered by Perkins engine 1103A-33G, standby power 33KVA

### 3. Vehicle type



LSK22V3 - powered by Kubota engine V2203-E2BG, standby power 22KVA, for vehicle use

# Open type

Superior quality generator sets from 8kva to 3000kva, powered by engines from world-renowned manufacturers.

## 1. Powerful engine

- Reliable, efficient engines are the heart of our generators. Lees works only with engine manufactures with an excellent reputation for safety, dependability and longevity, such as Cummins, Perkins, YTO, FAWDE, Changchai, etc.
- The global service net provides reliable and guaranteed service.
- Compact structure & Low fuel consumption.
- High reliability, easy maintenance, long continuous running time.



## 2. Reliable alternator

- IP23 as standard
- Low frequency protection and exterior voltage adjustment.  
THF<2%, TIF<50
- 2/3 pitch winding as standard, to avoid excessive neutral currents
- Advanced AVR control system
- Voltage regulator accuracy within  $\pm 1.0\%$ .





### 3. Intelligent control system

- Displays with indication of: phase to neutral voltage, voltage between phases, current per phase, frequency, power factor, kw and kva outputs, fuel level, engine speed, hours run, battery voltage and battery charge voltage.
- Engine and generator alarm for: battery charge failure, emergency stop activated, over-speed, under-speed, low oil pressure, high coolant temperature, low coolant level, low fuel level, overload, unbalanced voltage, over and under voltage, over frequency, short circuit, inverse power and incorrect phase sequence.
- Alternator alarms included: overload, unbalanced voltage, over voltage, under voltage, over frequency, under frequency, short circuit, reverse power, and incorrect phase sequence.
- All protections are programmable to: warning alarm without engine shutdown or alarm with engine shutdown, with or without cooling period. Warning alarms for: low fuel level, battery voltage failure and battery charging alternator failure.



### 4. Human oriented design

- Both forklift hole and lifting lug for easy transportation.
- Front control cabinet and wiring cabinet for convenient operation.
- Convenient engine oil outlet, cooling water outlet, fuel outlet
- Lockable battery for safety operation.
- Vibration isolators between the engine/alternator and base frame.
- Emergency stop button.

### 5. Optional

- Mechanical or electronic governor.
- Enlarged fuel tank or external fuel tank
- Fuel water separator
- ATS

# Silent type

We develop and supply canopies, weatherproof enclosures and container packages for outdoor all weather-use in the harshest of environment with perfect performance to meet the most stringent specification.

## 1. Enclosure

- Lees weather-protective and sound-attenuated enclosures deliver superior durability, security and convenience.
- Constructions begin with corrosion-resistant galvanized steel components and is finished with scratch and rust-resistant powder-coated paint along with robust composite components.
- Rugged structure not only stable but also attractive appearance.
- Compact & Durable design with large doors for easy access to perform scheduled maintenance.
- Forklift pockets & lifting lug for easy handling and transportation.



## 2. Optional

- ATS
- Enlarged fuel tank for external running time.
- Fuel water separator.
- Water heater jacket.
- Parallel operation / GPS monitoring / Remote control
- All-in-stock accessories. Find all of your power generation needs under one roof. From engine parts, filter to electrical componets, we have it all, and will send you all the necessary accessories by international courier service.



Besides all the features open type genset owns, Lees silent type of generator set shares the following features:



### 3. The portable type

- The control panel and wiring cabinet built on the side, for easy operation.
- The portable generator set is both compact and portable, easy for transportation. Take LSD17S as example, you can take 28 pcs for a 40 HQ'.
- They are the best partner for home/work use.
- The best price-performance ratio.
- Low operation cost and easy maintenance.
- Developed and researched independently by Lees technicians.



### 4. The super silent type

- The control panel and wiring cabinet built on the front side.
- High quality sound absorbing material / Silence and muffler pipe / Innovated inlet and outlet system / Smart design, Lees innovated all the noise-reduction technology, to effectively reduce the running noise, to 51dbA/7m.
- So that it is more environmental-friendly.
- The frame base is reinforced, so that it is harder and more stable.
- Widely used for plant, oil field, mining, and field which need quiet environment.
- Developed and researched independently by Lees technicians.





# YTO Range



## ***Superior quality generator sets from 8kva to 440 kva, powered by YTO engine***

YTO Group Corporation is a leading construction machinery manufacturer in China. Founded in 1955, YTO brand has been awarded China Top Brand and Recommended Export Brand, which are popular with customers all over the world.

YTO engine meet CE, EPA standard.

Lees YTO range of diesel generator set features compact structure, perfect portability, reliable power, and low emission.



Diesel



50  
HZ

Powered by YTO (Single phase 230V, Three phase 230/400V, 1500RPM, 50Hz)

MODEL	POWER				DIESEL ENGINE		ALTERNATOR	Control System	AMPS	DIMENSION (L*W*H)
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	LEES			Soundproof
<b>Single Phase</b>										
LSY8S	7.9	7.2	7.9	7.2	YTO	YD380D	LA164C	HGM6110U	34A	1680x800x1050
LSY10S	9.5	8.6	9.5	8.6		YD385D	LA164D		41A	1680x800x1050
LSY12S	12.3	11.2	12.3	11.2		YD480D	LA184E		53A	1680x800x1050
LSY15S	15.0	13.6	15.0	13.6		YND485D	LA184F		65A	1840x800x1050
LSY18S	18.4	16.8	18.4	16.8		YSD490D	LA184G		80A	1840x800x1050
LSY22S	22.0	20.0	22.0	20.0		Y495D	LA184H		96A	1950x800x1050
LSY25S	24.6	22.4	24.6	22.4		Y4100D	LA184J		107A	2100x880x1150
<b>Three Phase</b>										
LSY11S3	11.0	10.0	8.8	8.0	YTO	YD380D	LA164B	HGM6110U	16A	1680x800x1050
LSY12S3	12.1	11.0	9.7	8.8		YD385D	LA164B		17A	1680x800x1050
LSY15S3	14.9	13.5	11.9	10.8		YD480D	LA164C		21A	1680x800x1050
LSY18S3	17.6	16.0	14.1	12.8		YND485D	LA164D		25A	1840x800x1050
LSY23S3	23.1	21.0	18.5	16.8		YND490D	LA184E		33A	1840x800x1050
LSY30S3	29.7	27.0	23.8	21.6		Y495D	LA184F		43A	1950x800x1050
LSY33S3	33.0	30.0	26.4	24.0		Y4100D	LA184G		48A	2100x880x1150
LSY41S3	41.3	37.5	33.0	30.0		Y4105D	LA184H		59A	2100x880x1150
LSY55S3	55	50	44	40		LR4B5-D	LA224D		79A	2000x800x1150
LSY70S3	69	63	55	50		LR4B3Z-D	LA224E		99A	2200x900x1150
LSY80S3	80	72	64	57.6		LR4B3Z-D	LA224F		115A	2300x950x1250
LSY100S3	96	87.5	77	70		LR4M3L-D	LA224G		139A	2300x950x1250
LSY110S3	110	100	88	80		LR6A3L-DA	LA274C		158A	2750x1050x1350
LSY125S3	125	112.5	100	90		LR6B3L-DA	LA274D		180A	3000x1080x1500
LSY150S3	150	137.5	120	110		LR6M3L-DA	LA274E		216A	3350x1080x1500
LSY220S3	220	200	176	160		YM6H4L-D	LA274H		317A	3350x1080x1500
LSY250S3	250	220	200	176		YM6H4LF-D	LA274J		360A	3750x1350x1900
LSY275S3	275	250	220	200		YM6S4L-D	LA274K		396A	3750x1350x1900
LSY300S3	300	275	240	220		YM6S4LF-D(A)	LA4D		432A	3750x1350x1900
LSY412S3	412.5	375	330	300		YM6S9LF-D	LA4F		594A	4100x1400x2100

60  
HZ



Diesel



Powered by YTO (Single phase 110/220V, Three phase 127/220V, 1800RPM, 60Hz)

MODEL	POWER				DIESEL ENGINE		ALTERNATOR	Control System	AMPS	DIMENSION (L*W*H)
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	LEES			Soundproof
<b>Single Phase</b>										
LSY10S-6	9.5	8.6	9.5	8.6	YTO	YD380D	LA164C	HGM6110U	43A	1680x800x1050
LSY11S-6	11.4	10.4	11.4	10.4		YD385D	LA164D		52A	1680x800x1050
LSY14S-6	14.1	12.8	14.1	12.8		YD480D	LA184E		64A	1680x800x1050
LSY18S-6	17.6	16.0	17.6	16.0		YND485D	LA184F		80A	1840x800x1050
LSY22S-6	22.0	20.0	22.0	20.0		YSD490D	LA184G		100A	1840x800x1050
LSY26S-6	26.4	24.0	26.4	24.0		Y495D	LA184H		120A	1950x800x1050
LSY31S-6	30.8	28.0	30.8	28.0		Y4100D	LA184J		140A	2100x880x1150
<b>Three Phase</b>										
LSY13S3-6	13.2	12.0	10.6	9.6	YTO	YD380D	LA164B	HGM6110U	35A	1680x800x1050
LSY14S3-6	14.3	13.0	11.4	10.4		YD385D	LA164B		38A	1680x800x1050
LSY18S3-6	17.6	16.0	14.0	12.8		YD480D	LA164C		46A	1680x800x1050
LSY21S3-6	20.5	18.6	16.5	15.0		YND485D	LA164D		54A	1840x800x1050
LSY28S3-6	27.5	25.0	22.0	20.0		YSD490D	LA184E		72A	1840x800x1050
LSY33S3-6	33.0	30.0	26.4	24.0		Y495D	LA184F		87A	1950x800x1050
LSY39S3-6	38.5	35.0	30.8	28.0		Y4100D	LA184G		101A	2100x880x1150
LSY49S3-6	48.7	44.3	39.0	35.4		Y4105D	LA184H		128A	2100x880x1150
LSY65S3-6	65	60	52	48		LR45B-D	LA224D		171A	1900x800x1100
LSY87S3-6	87	81	70	65		LR4B3Z-D	LA224F		228A	1900x800x1100
LSY100S3-6	95	90	78	72		LR4M3L-D	LA224G		249A	1900x800x1100
LSY143S3-6	143	130	114.4	104		LR6A3L-DA	LA274D		375A	2000x800x1150
LSY165S3-6	165	150	132	120		LR6M3L-DA	LA274E		433A	2200x900x1150
LSY220S3-6	220	200	176	160		YM6H4L-D	LA274G		577A	2300x950x1250
LSY250S3-6	250	220	200	176		YM6H4LF-D	LA274H		656A	2300x950x1250
LSY275S3-6	275	250	220	200		YM6S4L-D	LA274H		722A	2750x1050x1350
LSY312S3-6	312.5	287.5	250	230		YM6S4LF-DA	LA274K		820A	2750x1050x1350
LSY440S3-6	440	400	352	320		YM6S9LF-D	LA 4E		1155A	3000x1080x1500



***Comprehensive Power Solutions***

# Changchai Range



## ***Superior quality generator sets from 8kva to 40kva, powered by Changchai engine***

Changchai Co., Ltd. is not only a nearly century-old national industrial enterprise, but also one of the earliest internal-combustion engine manufacturers in China. It is the first listed company in the national agricultural machinery industry. Now, Changchai has both A and B shares. Its annual output can reach 1.2 million diesel engines. So far, it has manufactured more than 2,700 million diesel engines that ranked the NO.1 in the domestic market, and its products have been exported to 78 countries and areas.

Lees Changchai range of diesel generator set features compact structure, perfect portability, reliable power, and best price-performance ratio.



Diesel



50  
HZ

Powered by Changchai

(Single phase 230V, Three phase 230/400V, 1500RPM, 50Hz)

MODEL	POWER				DIESEL ENGINE		ALTERNATOR	Control System	AMPS	DIMENSION (L*W*H) mm
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	LEES			Soundproof
Single Phase (230V)										
LSD9S	9	8	9	8	Changchai	CZ380Q	LA164D	HGM6110U	38A	1680x800x1050
LSD10S	10	9	10	9		ZN385Q	LA164D		43A	1680x800x1050
LSD11S	11	10	11	10		CZ480Q	LA184E		48A	1680x800x1050
LSD13S	13	12	13	12		ZN485Q	LA184E		57A	1840x800x1050
LSD17S	17	15	17	15		ZN490B	LA184F		72A	1840x800x1050
LSD22S	22	20	22	20		4L68	LA184H		96A	1950x800x1050
LSD24S	24	22	24	22		CZ4102	LA184J		105A	2100x820x1150
Three Phase (230/400V)										
LSD11S3	11	10	9	8	Changchai	CZ380Q	LA164B	HGM6110U	16A	1680x800x1050
LSD12S3	12	11	10	9		ZN385Q	LA164B		17A	1680x800x1050
LSD14S3	14	13	11	10		CZ480Q	LA164C		20A	1680x800x1050
LSD17S3	17	15	13	12		ZN485Q	LA164D		24A	1840x800x1050
LSD21S3	21	19	17	15		ZN490B	LA184E		30A	1840x800x1050
LSD28S3	28	25	22	20		4L68	LA184F		40A	1950x800x1050
LSD33S3	33	30	26	24		CZ4102	LA184G		48A	2100x820x1150

60  
HZ

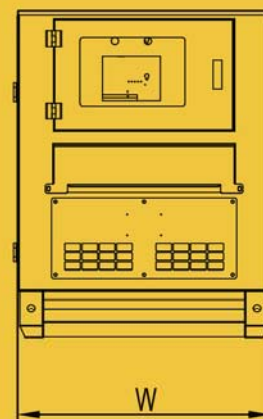
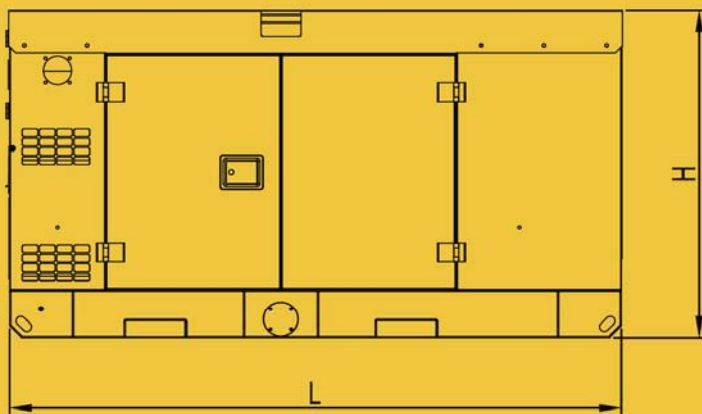


Diesel



Powered by CHANGCHAI (Single phase 110/220V, Three phase 127/220V, 1800RPM, 60Hz)

MODEL	POWER				DIESEL ENGINE		ALTERNATOR	Control System	AMPS	DIMENSION (L*W*H) mm
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	LEES			Soundproof
Single Phase (240V)										
LSD11S-6	11	10	11	10	Changchai	CZ380Q	LA164D	HGM6110U	50A	1680x800x1050
LSD13S-6	13	12	13	12		ZN385Q	LA184E		60A	1680x800x1050
LSD14S-6	14	13	14	13		CZ480Q	LA184E		65A	1680x800x1050
LSD17S-6	17	15	17	15		ZN485Q	LA184E		75A	1840x800x1050
LSD22S-6	22	20	22	20		ZN490B	LA184G		100A	1840x800x1050
LSD26S-6	26	24	26	24		4L68	LA184H		120A	1950x800x1050
LSD31S-6	31	28	31	28		CZ4102	LA184J		140A	2100x820x1150
Three Phase (254/440V)										
LSD14S3-6	14	13	11	10	Changchai	CZ380Q	LA164B	HGM6110U	36A	1680x800x1050
LSD17S3-6	17	15	13	12		ZN385Q	LA164C		43A	1680x800x1050
LSD18S3-6	18	16	14	13		CZ480Q	LA164C		46A	1680x800x1050
LSD21S3-6	21	19	17	15		ZN485Q	LA164D		55A	1840x800x1050
LSD28S3-6	28	25	22	20		ZN490B	LA184E		73A	1840x800x1050
LSD33S3-6	33	30	26	24		4L68	LA184F		87A	1950x800x1050
LSD39S3-6	39	35	31	28		CZ4102	LA184G		102A	2100x820x1150







# Cummins range



## ***Superior quality generator sets from 22kva to 2250kva, powered by Cummins engine***

Cummins has distributors in 137 countries and regions, 5000 service networks spread all over the world, is one of the largest engine manufacturers in the world.

**Performance**---Wider power ranges mean greater versatility for use in more applications: commercial, institutional, industrial, utilities, communications, government and more.

**Lower operating and maintenance costs**---An increase in oil change intervals, longer life of components, longer top-end as well as full-overhaul periods, and reduced fuel consumption result in lower operating and maintenance costs.

**Easy operation**---Each generator set is equipped with a baseframe-mounted control cabinet, together with Deep Sea 7320 controller as standard, and integral circuit breaker, ensuring a dependable and user-friendly operating system.

**Improved serviceability**---Every Lees components was designed with serviceability in mind, resulting in simple, robust components that makes servicing fast and easy. The entire engine is built with internationally available tools and hardware.



Diesel



50  
HZ

Powered by Cummins (Three phase 230/400V, 1500RPM, 50Hz)

MODEL	POWER				DIESEL ENGINE		ALTERNATOR (select one)		Control System	AMPS	DIMENSION (LxWxH) mm	
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	STAMFORD	LEES			Open Type	Soundproof
LSC2253	22	20	18	16	CUMMINS	4B3.9-G1	PI 144D	LA 184E	DSE7320	32A	1760x760x1380	2290x1060x1680
LSC2753	27	25	22	20		4B3.9-G1	PI 144E	LA 184F		39A	1760x760x1380	2290x1060x1680
LSC3353	33	30	26	24		4BT3.9-G1	PI 144G	LA 184G		48A	1760x760x1380	2290x1060x1680
LSC4453	44	40	35	32		4BT3.9-G1	PI 144J	LA 184J		63A	1760x760x1380	2290x1060x1680
LSC5553	55	50	44	40		4BTA3.9-G2	UCI 224D	LA 224D		79A	1760x760x1380	2440x1060x1680
LSC6653	66	60	53	48		4BTA3.9-G2	UCI 224E	LA 224E		95A	1760x760x1380	2440x1060x1680
LSC8653	86	76	69	61		4BTA3.9-G11	UCI 224G	LA 224G		124A	1760x760x1380	2440x1060x1680
LSC10353	102	94	82	75		6BT5.9-G1	UCI 274C	LA 274C		147A	2300x830x1700	2810x1140x1830
LSC11053	110	100	88	80		6BT5.9-G2	UCI 274C	LA 274C		158A	2300x830x1700	2810x1140x1830
LSC12553	125	115	100	92		6BTA5.9-G2	UCI 274D	LA 274D		180A	2300x830x1700	3230x1170x1800
LSC14853	145	135	116	108		6BTA5.9-G2	UCI 274E	LA 274E		209A	2350x830x1700	3230x1170x1800
LSC17083	170	155	136	124		6BTA5.9-G12	UCI 274F	LA 274F		245A	2390x860x1850	3430x1170x1800
LSC20053	200	181	160	145		6CTA8.3-G2	UCI 274G	LA 274G		288A	2390x860x1850	3430x1170x1800
LSC22053	220	200	176	160		6CTA8.3-G2	UCI 274H	LA 274H		317A	2450x960x1850	3590x1250x2050
LSC27553	275	250	220	200		6LTA8.9-G2	UCDI 274K	LA 274K		396A	2500x960x1850	3590x1250x2050
LSC27553-1	275	250	220	200		NT855-GA	UCDI 274K	LA 274K		396A	3020x1100x1850	3890x1460x2150
LSC30353	303	275	242	220		NTA855-G1A	HCI 444D	LA 4D		436A	3020x1100x1850	3890x1460x2150
LSC33053	330	300	264	240		MTAA11-G3	HCI 444D	LA 4D		475A	3020x1100x1850	3890x1460x2150
LSC35053	350	320	280	256		NTA855-G1B	HCI 444E	LA 4E		504A	3020x1100x1850	4230x1460x2150
LSC37553	375	344	300	275		NTA855-G2A	HCI 444E	LA 4F		540A	3020x1100x1850	4230x1460x2150
LSC41253	412	375	330	300		NTAA855-G7	HCI 444F	LA 4F		593A	3090x1100x1850	4230x1460x2150
LSC50053	500	450	400	360		KTA19-G3	HCI 544C	LA 5C		720A	3400x1258x2050	4630x1660x2250
LSC55053	550	500	440	400		KTA19-G3A/KTA19-G4	HCI 544C	LA 5D		792A	3400x1258x2050	4630x1660x2250
LSC65053	650	NA	520	NA		KTA19-G8	HCI 544E	LA 5E		936A	3650x1638x2050	4630x1660x2250
LS69053-1	650	575	520	460		KTAA19-G6	HCI544E	LA 5E		936A	3650x1638x2050	4630x1660x2250
LSC68853	688	NA	550	NA		KTAA19-G6A	HCI 544FS	LA 5FS		991A	3650x1638x2050	5030x1860x2550
LSC82553	825	750	660	600		KTA38-G2	LVI 634B	LA 6B		1188A	4550x2100x2320	ISO 20'ft GP
LSC88053	880	800	704	640		KTA38-G2B	HCI 634G	LA 6C		1267A	4550x2100x2320	ISO 20'ft GP
LSC100053	1000	910	800	728		KTA38-G2A	HCI 634H	LA 6D		1440A	4550x2100x2320	ISO 20'ft GP
LSC110053	1100	1000	880	800		KTA38-G5	HCI634J	LA 6E		1584A	4750x2100x2320	ISO 20'ft GP
LSC125053	1250	NA	1000	NA		KTA38-G9	LVI 634G	LA 6G		1800A	4750x2100x2320	ISO 20'ft GP
LSC137553	1375	1250	1100	1000		KTA50-G3	LVI 634G	LA 6G		1980A	5000x2200x2500	ISO 20'ft GP
LSC165053	1650	1500	1320	1200	KTA50-G5B	PI 734C	LA 7E	2376A	5820x2200x2800	ISO 40'ft HQ		
LSC206053	2062	1875	1650	1500	QSK60-G3	PI 734E1	LA 7F	2968A	5820x2200x2800	ISO 40'ft HQ		
LSC225053	2250	2050	1800	1640	QSK60-G4	PI 734F1	LA 7G	3240A	5820x2200x2800	ISO 40'ft HQ		

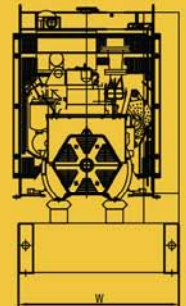
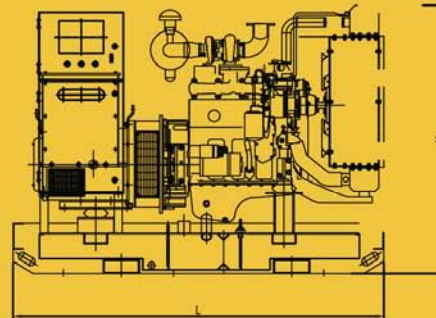
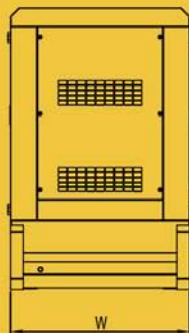
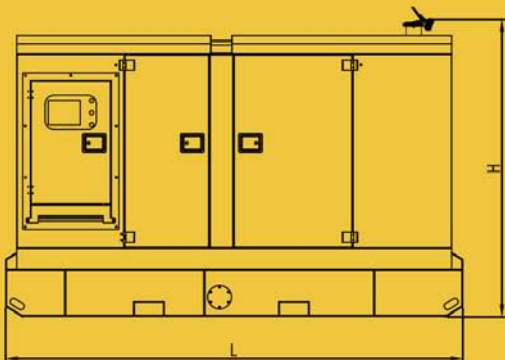


Diesel



Powered by Cummins (Three phase 127/220V under the 500kva, 277/480V above from 500kva, 1800RPM, 60Hz)

MODEL	POWER				DIESEL ENGINE		ALTERNATOR (select one)		Control System	AMPS	DIMENSION (LxWxH) mm	
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	STAMFORD	LEES			Open Type	Soundproof
LSC33S3-6	33	30	26	24	CUMMINS	4B3.9-G1	PI 144E	LA 184E	DSE7320	87A	1760x760x1380	2290x1060x1680
LSC50S3-6	50	45	40	36		4BT3.9-G1	PI 144J	LA 184H		131A	1760x760x1380	2290x1060x1680
LSC68S3-6	68	63	54	50		4BTA3.9-G2	UCI224D	LA 224D		178A	1760x760x1380	2440x1060x1680
LSC85S3-6	85	75	68	60		4BTA3.9-G2	UCI 224E	LA 224E		223A	1760x760x1380	2290x1060x1680
LSC96S3-6	96	84	77	68		4BTA3.9-G11	UCI 224F	LA 224F		252A	2300x830x1700	3230x1170x1800
LSC120S3-6	120	110	96	88		6BT5.9-G1	UCI 274C	LA 274C		315A	2300x830x1700	2810x1140x1830
LSC145S3-6	145	130	116	104		6BTA5.9-G2	UCI 274D	LA 274D		381A	2300x830x1700	3230x1170x1800
LSC156S3-6	156	145	125	116		6BTA5.9-G2	UCI274E	LA 274E		409A	2350x830x1700	3230x1170x1800
LSC184S3-6	184	168	147	134		6BTA5.9-G12	UCI274E	LA 274E		483A	2390x860x1850	3230x1170x1800
LSC220S3-6	220	200	176	160		6CTA8.3-G2	UCI274G	LA 274G		577A	2390x860x1850	3230x1170x1800
LSC250S3-6	250	230	200	184		6CTA8.3-G2	UCI274H	LA 274H		656A	2450x960x1850	3590x1250x2050
LSC285S3-6	285	265	228	212		6LTA8.9-G2	UCDI 274J	LA 274J		748A	2500x960x1850	3590x1250x2050
LSC314S3-6	314	283	252	226		6LTA8.9-G3	UCDI 274J	LA 274J		824A	2500x960x1850	3590x1250x2050
LSC344S3-6	344	312	275	250		NTA855-G1	HCI 444D	LA 4D		903A	3020x1100x1850	4230x1460x2150
LSC380S3-6	380	345	304	276		NTA855-G1B	HCI 444D	LA 4D		997A	3020x1100x1850	4230x1460x2150
LSC433S3-6	433	394	346	315		NTA855-G3	HCI 444E	LA 4E		1136A	3020x1100x1850	4230x1460x2150
LSC480S3-6	480	437	384	350		KTA19-G2	HCI 444FS	LA 4F		1260A	3400x1258x2050	4630x1660x2250
LSC565S3-6	565	509	451	410		KTA19-G3	HCI 544C	LA 5C		680A	3400x1258x2050	4630x1660x2250
LSC618S3-6	618	562	494	450		KTA19-G3A	HCI 544D	LA 5D		743A	3400x1258x2050	4630x1660x2250
LSC750S3-6	750	NA	600	NA		KTAA19-G6A	HCI 544E	LA 5ES		902A	3650x1638x2050	5030x1860x2550
LSC850S3-6	850	775	680	620	KT38-G	HCI 544F	LA 6F	1022A	4550x2100x2320	ISO 20'ft GP		
LSC1000S3-6	1000	910	800	728	KTA38-G2	HCI 634G	LA 6C	1203A	4550x2100x2320	ISO 20'ft GP		
LSC1100S3-6	1100	1000	880	800	KTA38-G2A	HCI 634H	LA 6D	1323A	4550x2100x2320	ISO 20'ft GP		
LSC1250S3-6	1250	1125	1000	900	KTA38-G4	HCI 634J	LA 6E	1504A	4750x2100x2320	ISO 20'ft GP		
LSC1375S3-6	1375	NA	1100	NA	KTA38-G9	HCI 634K	LA 6F	1684A	5000x2200x2500	ISO 20'ft GP		
LSC1562S3-6	1562	1420	1250	1136	KTA50-G3	PI 734A	LA 7C	1879A	5000x2200x2500	ISO 20'ft GP		
LSC1780S3-6	1780	1619	1424	1295	KTA50-G9	PI 734B	LA 7D	2141A	5820x2200x2800	ISO 40'ft HQ		





**LEES**

# Perkins Range



## ***Superior quality generator sets from 8kva to 2475kva, powered by Original Perkins engine***

Perkins is one of the largest engine manufacturers in the world with more than 4000 business outlets, providing power to 5000 different applications with advanced technology.

Lees Perkins range of generator sets provide reliable power solutions for every business, every need. Prime power or standby service, diesel fuel generator sets deliver dependable, clean, economic power, even in the most demanding conditions – and are available in a wide range of configurations with optional equipment.



Diesel  Perkins

50  
HZ

Powered by Perkins (Single phase 230V, Three phase 230/400V, 1500RPM, 50Hz)

MODEL	POWER				DIESEL ENGINE		ALTERNATOR (select one)		Control System	AMPS	DIMENSION (LxWxH) mm	
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	STAMFORD	LEES			Open Type	Soundproof
Single phase (230V)												
LSP8S	8	7	8	7	PERKINS	403A-11G1	PI044G	LA164C	DSE7320	33A	1300x690x1320	1710x880x1350
LSP11S	11	10	11	10		403A-15G1	PI144D	LA184E		48A	1300x690x1320	1710x880x1350
LSP13S	13	12	13	12		403A-15G2	PI144E	LA184E		57A	1300x690x1320	1710x880x1350
LSP18S	18	16	18	16		404A-22G1	PI144G	LA184G		77A	1470x690x1320	1910x880x1450
LSP24S	24	22	24	22		404D-22TG	PI144J	LA184J		105A	1470x690x1320	1910x880x1450
Three phase (230/400V)												
LSP10S3	10	9	8	7	PERKINS	403A-11G1	PI 044E	LA164B	DSE7320	14A	1300x690x1320	1710x880x1350
LSP14S3	14	13	11	10		403A-15G1	PI 044F	LA164C		20A	1300x690x1320	1710x880x1350
LSP16S3	17	15	13	12		403A-15G2	PI 044G	LA164D		24A	1300x690x1320	1710x880x1350
LSP22S3	22	20	18	16		404A-22G1	PI 144D	LA184E		32A	1470x690x1320	1910x880x1450
LSP30S3	30	27	24	22		404D-22TG	PI144F	LA184F		40A	1470x690x1320	1910x880x1450
LSP33S3	33	30	26	24		1103A-33G	PI 144G	LA184G		48A	1470x690x1320	1910x880x1450
LSP50S3	50	45	40	36		1103A-33TG1	UCI 224D	LA224D		72A	1760x760x1380	2440x1060x1680
LSP72S3	72	65	57	52		1104A-44TG1	UCI 224F	LA224F		103A	1760x760x1380	2440x1060x1680
LSP88S3	88	80	70	64		1104A-44TG2	UCI 224G	LA224G		127A	2000x900x1550	2810x1140x1830
LSP110S3	110	100	88	80		1104C-44TAG2	UCI 274C	LA274C		158A	2150x900x1550	2810x1140x1830
LSP150S3	148	135	118	108		1106A-70TG1	UCI 274E	LA274E		213A	2410x930x1650	3250x1170x1800
LSP165S3	165	150	132	120		1106A-70TAG2	UCI 274F	LA274F		238A	2410x930x1650	3250x1170x1800
LSP200S3	200	180	160	144		1106A-70TAG3	UCI 274G	LA274G		288A	2550x930x1670	3590x1250x2050
LSP220S3	220	200	176	160		1106A-70TAG4	UCI 274H	LA274H		317A	2550x930x1670	3590x1250x2050
LSP275S3	275	250	220	200		1306A-E87TAG6	UCDI 274K	LA274K		396A	2580x930x1670	3590x1250x2050
LSP330S3	330	300	264	240		1606A-E93TAG5	HCI 444D	LA4D		432A	2800x1000x1690	3890x1460x2150
LSP385S3	385	350	308	280		2206C-E13TAG2	HCI 444E	LA4F		554A	3100x1120x1788	4230x1460x2150
LSP450S3	450	400	360	320		2206C-E13TAG3	HCI 444F	LASC		648A	3100x1120x1788	4230x1460x2150
LSP500S3	500	450	400	360		2506C-E15TAG1	HCI 544C	LASC		720A	3400x1270x1974	4630x1660x2250
LSP550S3	550	500	440	400		2506C-E15TAG2	HCI 544C	LASD		792A	3400x1270x1974	4630x1660x2250
LSP660S3	660	600	528	480		2806C-E18TAG1A	HCI 544E	NA		950A	3600x1400x2100	5030x1660x2550
LSP715S3	715	650	572	520		2806A-E18TAG2	HCI 544F	NA		1030A	3600x1400x2100	5030x1660x2550
LSP825S3	825	750	660	600		4006-23TAG2A	LV1 634B	NA		1188A	3965x1710x2200	5800x1800x2550
LSP880S3	880	800	704	640		4006-23TAG3A	HCI 634G	NA		1267A	3965x1710x2200	5800x1800x2550
LSP1100S3	1100	1000	880	800		4008TAG2A	HCI 634J	NA		1584A	4650x2046x2300	ISO 20'ft GP
LSP1375S3	1375	1250	1100	1000		4012-46TWG2A	LVI 634G	NA		1980A	4700x1780x2400	ISO 20'ft GP
LSP1650S3	1650	1500	1320	1200		4012-46TAG2A	PI 734C	NA		2376A	5000x2200x2850	ISO 40'ft HQ
LSP1800S3	1813	1650	1450	1320		4012-46TAG3A	PI 734D	NA		2610A	5100x2200x2850	ISO 40'ft HQ
LSP1875S3	1875	1705	1500	1364		4012-46TAG3A	PI 734E	NA		2700A	5100x2200x2850	ISO 40'ft HQ
LSP2000S3	2000	1850	1600	1480		4016TAG1A	PI 734E	NA		2880A	5400x2650x2650	NA
		2050	1800	1640		4016-61TRG1		NA		2880A	6000x2700x3400	ISO 40'ft HQ
LSP2250S3	2250	2000	1800	1600		4016-61TRG2	PI 734F	NA		3240A	6000x2700x3400	ISO 40'ft HQ
		2050	1800	1640		4016TAG2A		NA		3240A	5400x2650x2650	NA
LSP2500S3	2475	2250	1980	1800	4016-61TRG3	NA	NA	3564A	6000x2700x3400	ISO 40'ft HQ		

60  
HZ

 Perkins Diesel



**Powered by Perkins** (single Phase 110/220V, Three phase 127/220V under the 500kva, 277/480V above from 500kva, 1800RPM, 60Hz)

MODEL	POWER				DIESEL ENGINE		ALTERNATOR (select one)		Control System	AMPS	DIMENSION (LxWxH) mm			
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	STAMFORD	LEES			Open Type	Soundproof		
<b>Single phase (240V)</b>														
LSP10S-6	10	9	10	9	PERKINS	403D-11G	PI044G	LA164D	DSE7320	45A	1300x690x1320	1710x880x1350		
LSP15S-6	15	14	15	14		403A-15G2	PI144E	LA184E		70A	1300x690x1320	1710x880x1350		
LSP21S-6	21	19	21	19		404D-22G	PI144G	LA184G		95A	1300x690x1320	1710x880x1350		
LSP29S-6	29	26	29	26		404D-22TG	PI144J	LA184J		132A	1470x690x1320	1910x880x1450		
<b>Three phase (254/440V)</b>														
LSP12S3-6	12	11	10	9	PERKINS	403D-11G	PI 044E1	LA164B	DSE7320	31A	1300x690x1320	1710x880x1350		
LSP20S3-6	20	18	16	14		403A-15G2	PI 044G	LA164D		52A	1300x690x1320	1710x880x1350		
LSP26S3-6	26	24	21	19		404D-22G	PI 144E	LA184E		69A	1470x690x1320	1910x880x1450		
LSP35S3-6	35	32	28	26		404D-22TG	PI 144F	LA184F		92A	1470x690x1320	1910x880x1450		
LSP38S3-6	38	35	31	28		1103A-33G	PI 144H	LA184G		100A	1760x760x1380	2440x1060x1680		
LSP56S3-6	56	51	45	41		1103A-33TG1	PI144K	LA184J		147A	1760x760x1380	2440x1060x1680		
LSP75S3-6	75	68	60	54		1103A-33TG2	UCI224E	LA224E		197A	2000x900x1550	2810x1140x1830		
LSP81S3-6	81	74	65	59		1104A-44TG1	UCI224F	LA224F		213A	2150x900x1550	2810x1140x1830		
LSP100S3-6	100	90	80	72		1104C-44TAG1	UCI224G	LA224G		262A	2150x900x1550	2810x1140x1830		
LSP100S3-6	100	90	80	72		1104A-44TG2	UCI224G	LA224G		262A	2410x930x1650	3250x1170x1800		
LSP125S3-6	125	112	100	90		1104C-44TAG2	UCI274C	LA274C		328A	2550x930x1670	3590x1250x2050		
LSP188S3-6	188	169	150	135		1106A-70TAG2	UCI274E	LA274E		493A	2550x930x1670	3590x1250x2050		
LSP219S3-6	219	197	175	158		1106A-70TAG3	UCI274G	LA274G		575A	3100x1120x1788	4230x1460x2150		
LSP253S3-6	253	231	202	185		1306A-E87TAG3	UCI274H	LA274H		620A	3100x1120x1788	4230x1460x2150		
LSP269S3-6	269	254	215	196		1506A-E88TAG2	UCI274H	LA274H		706A	3400x1270x1974	4630x1660x2250		
LSP344S3-6	344	313	275	250		1506A-E88TAG4	UCI274K	LA274K		903A	2800x1000x1690	3890x1460x2150		
LSP440S3-6	440	400	352	320		2206C-E13TAG2	HCI4E	LA4FS		1155A	3400x1270x1974	4630x1660x2250		
LSP500S3-6	500	438	400	350		2206A-E13TAG6	HCI4FS	LA4F		1312A	3600x1400x2100	5030x1660x2550		
LSP565S3-6	565	513	452	410		2506C-E15TAG1	HCI5C	LA5C		680A	3400x1270x1974	4630x1660x2250		
LSP626S3-6	626	569	501	455		2506C-E15TAG3	HCI5D	LA5D		753A	3400x1270x1974	4630x1660x2250		
LSP626S3-6-1	626	569	501	455		2506C-E15TAG4	HCI5E	LA5D		753A	3600x1400x2100	5030x1660x2550		
LSP750S3-6	750	NA	600	NA		2806C-E18TAG3	HCI5FS	LA5FS		902A	3600x1400x2100	5030x1660x2550		
LSP825S3-6	825	750	660	600		4006-23TAG2A	HCI 544F	LA5F		992A	3965x1710x2200	5800x1800x2550 ISO 20'ft GP		
LSP880S3-6	928	844	743	675		4006-23TAG3A	LVI 634B	LA6B		1117A	3965x1710x2200	5800x1800x2550 ISO 20'ft GP		
LSP1100S3-6	1095	995	876	796		4008TAG2A	HCI 634H	LA6E		1317A	4650x2046x2300	ISO 20'ft GP		
LSP1375S3-6	1375	1250	1100	1000		4012-46TWG2A	HCI 634K	LA6G		1654A	4700x1780x2400	ISO 20'ft GP		
LSP1500S3-6	1500	1364	1200	1091		4012-46TWG3A	LVI 634G	LA7C		1804A	5000x2200x2850	ISO 30'ft HQ ISO 40'ft HQ		
<b>Three phase (277/480V)</b>														
LSP1650S3-6	1650	1500	1320	1200		PERKINS	4012-46TAG2A	PI 734A		LA7E	DSE7320	1985A	5000x2200x2850	ISO 30'ft HQ ISO 40'ft HQ
LSP1881S3-6	1881	1710	1505	1368			4012-46TAG3A	PI 734C		LA7F		2263A	5100x2200x2850	ISO 40'ft GP





# FAWDE Range



## ***Superior quality generator sets from 13kva to 413kva, powered by FAWDE engine***

FAWDE (FAW Jiefang Automatic Co., Ltd., Wuxi Diesel Engine Works), is a professional diesel engine provider in China, doing business since 1943. FAWDE has a R&D pilot plant with the area of 4000m<sup>2</sup>, which adopts equipment from GROB, BW, and MANDELI. Owning total assets of 6.4 billion, intangible assets of 10.2 billion, FAWDE produces more than 600,000 diesel engines per year. Lees is the OEM partner of FAWDE.

Lees FAWDE range of diesel generator set features high reliability, powerful output, compact structure, as well as economic maintenance & operation cost. For economic power choice, you can rely on Lees FAWDE range.



Diesel



50  
HZ

Powered by FAWDE (Single phase 230V, Three phase 230/400V, 1500RPM, 50Hz)

MODEL	POWER				DIESEL ENGINE		ALTERNATOR	Control System	AMPS	DIMENSION (LxWxH) mm
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	LEES			Soundproof
Single phase (230V)										
LSX13S	13	12	13	12	FAWDE	4DW81-23D	LA184E	HGM6110U	57A	1940x960x1120
LSX18S	18	16	18	16		4DW91-29D	LA184G		78A	1940x960x1120
LSX22S	22	20	22	20		4DW92-35D	LA184H		96A	1940x960x1120
LSX25S	25	22	25	22		4DX21-45D	LA184J		109A	2340x1010x1270
Three phase (230/400V)										
LSX17S3	17	15	14	12	FAWDE	4DW81-23D	LA164D	HGM6110U	25A	1940x960x1120
LSX22S3	22	20	18	16		4DW91-29D	LA184E		32A	1940x960x1120
LSX28S3	28	25	22	20		4DW92-35D	LA184F		40A	1940x960x1120
LSX33S3	33	30	26	24		4DX21-45D	LA184G		47A	2340x1010x1270
LSX41S3	41	38	32	30		4DX22-50D	LA184H		58A	2340x1010x1270
LSX55S3	55	50	44	40		4DX23-65D	LA224D		79A	2340x1010x1270
LSX69S3	69	62.5	55	50		4110/125Z-09D	LA224E		99A	2790x1100x1450
LSX83S3	83	75	66	60		CA4DF2-12D	LA224F		119A	2790x1100x1450
LSX110S3	110	100	88	80		CA6DF2D-14D	LA274C		158A	3040x1130x1600
LSX137S3	138	125	110	100		CA6DF2-17D	LA274ES		198A	3240*1160*1800
LSX165S3	165	150	132	120		CA6DF2-19D	LA274F		238A	3240*1160*1800
LSX206S3	206	187.5	165	150		CA6DL1-24D	LA274H		297A	3750x1350x1900
LSX248S3	248	225	199	180		CA6DL2-27D	LA274J		358A	3750x1350x1900
LSX275S3	275	250	220	200		CA6DL2-30D	LA274K		396A	3750x1350x1900
LSX344S3	344	312.5	275	250		CA6DM2J-39D	LA4E		495A	4100x1400x2100
LSX371S3	371	338	297	270		CA6DM2J-41D	LA4FS		535A	4100x1400x2100
LSX413S3	413	375	330	300	CA6DN1J-45D	LA4F	594A	4250x1400x2100		

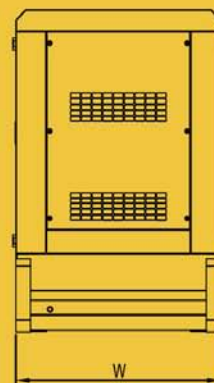
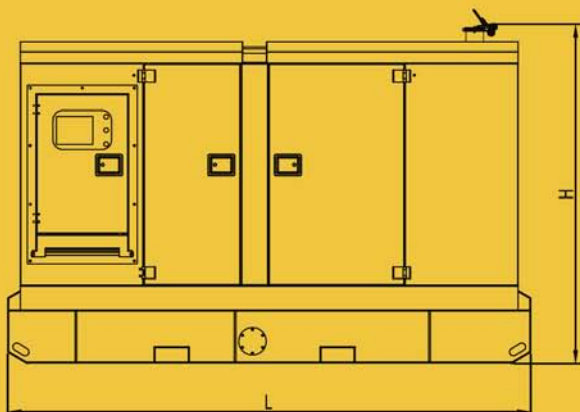


Diesel



**Powered by FAWDE (Single Phase 110/220V, Three phase 127/220V, 1800RPM, 60Hz)**

MODEL	POWER				DIESEL ENGINE		ALTERNATOR	Control System	AMPS	DIMENSION (L*W*H) mm
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	LEES			Soundproof
<b>Single phase (240V)</b>										
LSX17S-6	17	15	17	15	FAWDE	4DW81-28D	LA184F	HGM6110U	75A	1940x960x1120
LSX24S-6	24	22	24	22		4DW91-38D	LA184H		110A	1940x960x1120
LSX28S-6	28	25	28	25		4DW92-42D	LA184H		125A	1940x960x1120
LSX31S-6	31	28	31	28		4DX21-53D	LA184J		140A	2340x1010x1270
<b>Three phase (254/440V)</b>										
LSX21S3-6	21	19	16	15	FAWDE	4DW81-28D	LA164D	HGM6110U	54A	1940x960x1120
LSX30S3-6	30	28	24	22		4DW91-38D	LA184E		79A	1940x960x1120
LSX34S3-6	34	31	28	25		4DW92-42D	LA184F		90A	1940x960x1120
LSX41S3-6	41	38	33	30		4DX21-53D	LA184G		108A	2340x1010x1270
LSX48S3-6	48	44	39	35		4DX22-60D	LA184H		126A	2340x1010x1270
LSX66S3-6	66	60	53	48		4DX23-82D	LA224D		173A	2340x1010x1270
LSX89S3-6	89	81	72	65		4110/125Z-11D	LA224F		235A	2790x1100x1450
LSX117S3-6	117	106	94	85		CA4DF2-14D	LA274C		307A	3040x1130x1600
LSX131S3-6	131	119	105	95		CA6DF2D-16D	LA274C		343A	3240*1160*1800
LSX151S3-6	151	138	121	110		CA6DF2-18D	LA274DS		397A	3240*1160*1800
LSX176S3-6	176	160	141	128		CA6DF2-21D	LA274E		462A	3240*1160*1800
LSX220S3-6	220	200	176	160		CA6DL1-27D	LA274G		577A	3750x1350x1900
LSX275S3-6	275	250	220	200		CA6DL2-32D	LA274J		722A	3750x1350x1900
LSX371S3-6	371	338	297	270		CA6DM2J-42D	LA4D		794A	4100x1400x2100
LSX413S3-6	413	375	330	300		CA6DN1J-46D	LA4E		1083A	4250x1400x2100

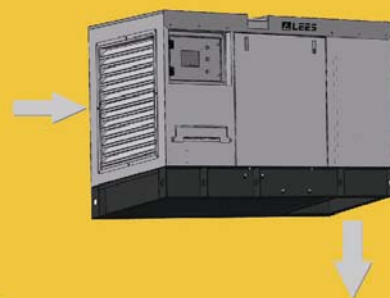


# Vehicle Range



***The Vehicle range is designed especially for vehicle use. Power for 8kw, 12kw, 16kw (customized power is optional).***

- Especially designed for van-vehicle use, such as advertizing car. Designed and researched independently by Lees technicians.
- Air side inlet and under outlet.
- Side control cabinet, for easy operation.
- The maintenance door opens upwards.
- Special designed shock pad for anti-braking.
- The whole maintenance door can be dismantled, for easy repair.
- Special designed heat-insulated foam ensures heat insulated from the van.
- Powered by Changchai or Kubota engine, for powerful output and reliable performance.





**Diesel  
Vehicle Range**



**50  
HZ**

**Powered by Changchai**

**(Single phase 230V, Three phase 230/400V, 1500RPM, 50Hz)**

MODEL	POWER				DIESEL ENGINE		ALTERNATOR		Control System	DIMENSION (LxWxH) mm
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	LEES	Soundproof		
<b>Single Phase (230V)</b>										
LSD9V	9	8	9	8	Changchai	CZ380Q	LA164D	HGM410U		1480x800x1080
<b>Three Phase (230/400V)</b>										
LSD17V3	17	15	13	12	Changchai	ZN485Q	LA164D	HGM410U		1650x800x1120
LSD21V3	21	19	17	15		ZN490B	LA184E	HGM410U		1650x800x1120



**Diesel  
Vehicle Range**



**50  
HZ**

**Powered by Kubota**

**(Single phase 230V, Three phase 230/400V, 1500RPM, 50Hz)**

MODEL	POWER				DIESEL ENGINE		ALTERNATOR (select one)		Control System	DIMENSION (LxWxH) mm
	Standby KVA	Prime KVA	Standby KW	Prime KW	Brand	Model	STAMFORD	LEES		Soundproof
<b>Single phase (230V)</b>										
LSK9V	9	8	9	8	Kubota	D1105-E2BG	PI044G	LA164D	HGM410	1480x800x1080
<b>Three phase (230/400V)</b>										
LSK17V3	17	15	13	12	Kubota	D1703-E2BG	PI044G	LA164D	HGM410	1480x800x1080
LSK22V3	22	20	18	16		V2203-E2BG	PI144D	LA 184E	HGM410	1650x800x1120

***customized power is optional***

## Configuration

### Specifications and options

		Cummins range	Perkins range	YTO range	FAWDE range	Changchai range
Engine	4-stroke water-cooled diesel engine	●	●	●	●	●
	Standard air filter	●	●	●	●	●
	Fuel water separator	○	○	○	○	○
	Industrial silence	●	●	●	●	●
	Water Jacket Heater	○	○	○	○	○
Alternator	Class H insulation	●	●	●	●	●
	IP23 Protection	●	●	●	●	●
	Automatic Voltage Regulator (AVR)	●	●	●	●	●
	PMG excitation	○	○	○	○	○
	Single bearing alternator	●	●	●	●	●
	Lees alternator	○	○	○	●	●
Stamford alternator	●	●	●	-	-	
Radiator	Radiator for 40°	●	●	●	●	●
	Radiator for 50°	○	○	○	○	○
	Aluminum radiator	●	●	●	●	●
	Copper radiator	○	○	○	-	-
Control system	Smartgen 6110	-	-	-	●	●
	Deepsea 7320	●	●	●	-	-
	Battery charger	○	○	○	○	○
	Delixi breaker	●	●	●	●	●
	ABB Breaker	○	○	○	○	○
	Aisikai ATS	●	●	●	●	●
	Socomec ATS	○	○	○	-	-
Canopy	Standard color (Yellow & White)	●	●	●	●	●
	Open frame	●	●	-	-	-
	Weatherproof & sound-attenuated canopy	○	○	●	●	●
	Sound-absorbing material	●	●	●	●	●
	Lifting lug	●	●	●	●	●
	Emergency stop button	●	●	●	●	●
	Inside silencer	○	○	●	●	●
Baseframe	Standard color ( black)	●	●	●	●	●
	Standard 8 hours fuel tank	●	●	●	●	●
	Enlarged 24 hours fuel tank	○	○	-	○	-
	Separated fuel tank	○	○	●	○	●
	Forklife pockets	●	●	●	●	●
	Pulling slots	●	●	●	●	●
	Earth wire protection	●	●	●	●	●
	Built-in anti vibration mountings	●	●	●	●	●
	Fuel output valve	●	●	●	●	●
Packing	Engine manual	●	●	●	●	●
	Alternator manual	●	●	●	●	●
	Gensets operation and maintenance manual	●	●	●	●	●
	Tool kit	●	●	●	●	●

●	Standard
○	Optional
-	Not available



# **POWER**

For more information, please check [www.leespowers.com](http://www.leespowers.com)



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