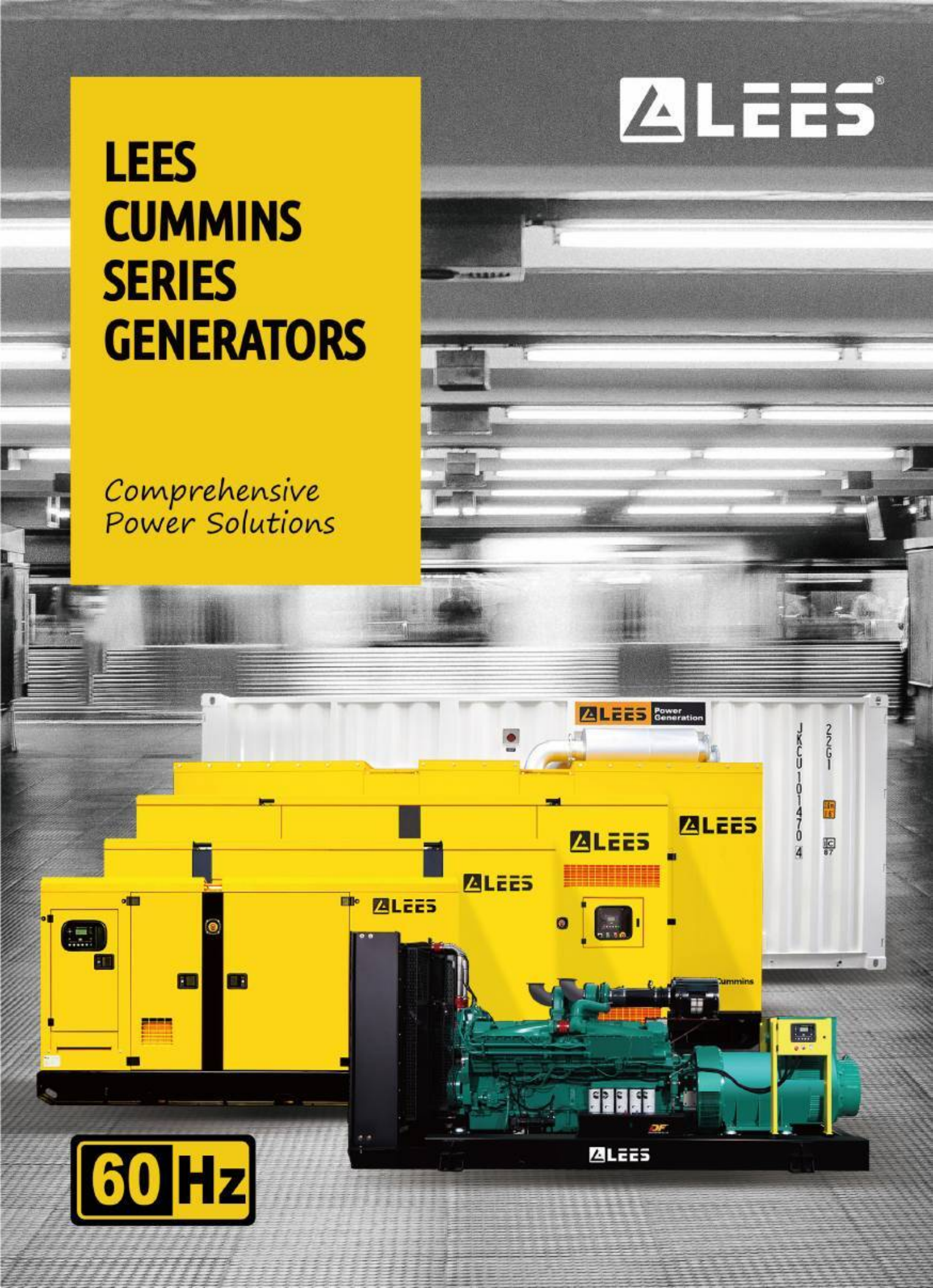
LEES CUMMINS SERIES GENERATORS

Comprehensive Power Solutions



60 Hz

About

LEES Cummins series gensets have a wide power range from 24~2500KVA, which have open type, silent type, trailer type and container type.

LEES Cummins series generators are widely used in industrial, commercial, backup, primary power source and outdoors project work and so on.

WHY DO YOU CHOOSE LEES CUMMINS SERIES GENERATOR?

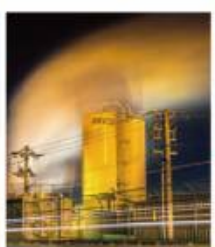
- **Performance:** Best engines ensure the best performance and the strongest power, which make sure gensets work smoothly.
- **Customer service:** Reliable Cummins global after sale service, which make sure customers have a worry free experience.
- **Optimization:** LEES make some improvements for the cummins engines, which make the engines more suitable for generators.
- **Silence:** LEES take use of two-step silencing with 5 cm thickness and high density mute cotton to low the noise. The generators could reach at 60 dbA/7m without loading and 62-65 dbA/7m with full loading.
- **Elegance:** LEES Cummins generators appearance is very fashionable and beautiful, with bright yellow color, which makes the gensets high recognition. Waterproof canopy use 2mm cold-rolled steel with powder coated painting to produce.
- **Intelligence:** LEES use world famous brand Deepsea controller to control and protect the genset. Push-to-start is very convenient.
- **Design and Details:** Considerate design is the aims and objectives. To make customers satisfied and optimize customers' experience, LEES focus on every detail and review every improvement at regular intervals. We will review the generator at least 3 times before the product get in market. At present, LEES have make the changes and improvements on anti-collision rubber, stainless screws, doors, baseframe, wiring ways, oil drain valve and so on.



OUR APPLICATIONS


Mining


Building


Factory


Power plant


Outdoor working


Energy


Data center

Cummins 60 Hz

60Hz | Three Phase

	Model	LSC28S3-6	LSC35S3-6	LSC38S3-6	LSC50S3-6	LSC75S3-6	LSC96S3-6	LSC125S3-6	LSC145S3-6	LSC165S3-6
	Prime Power (kVA)	25	32	35	45	68	84	113	130	150
	Standby Power (kVA)	28	35	38	50	75	96	125	145	165
	Prime Power (kW)	20	26	28	36	54	67	90	104	120
	Standby Power (kW)	22	28	30	40	60	77	100	116	132
	Rated Frequency (Hz)	60	60	60	60	60	60	60	60	60
	Rated Voltage (V)	220/240/416/440/480								
	Rated Current (A)	34.7	44.4	48.6	62.5	94.4	116.6	156.8	180.4	208.2
	Rated Speed (r/min)	1800	1800	1800	1800	1800	1800	1800	1800	1800
ENGINE	Engine Brand	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS
ENGINE	Engine Model	4B3.9-G11	4B3.9-G2	4B3.9-G12	4BT3.9-G2	4BTA3.9-G2	4BTA3.9-G11	6BT5.9-G2	6BTA5.9-G2	6BTAA5.9-G2
ENGINE	Cylinder No.& Configuration	4 cylinder Diesel L type						6 cylinder Diesel L type		
ENGINE	Working Mode	Naturally Aspirated			Turbocharged	Turbocharged and Aftercooled (Jacket water to cooler)		Turbocharged	Turbocharged and Aftercooled (Jacket water to cooler)	Turbocharged and air-cooled charge air
ENGINE	Bore x Stroke (mm)	102*120	102*120	102*120	102*120	102*120	102*120	102*120	102*120	102*120
ENGINE	Displacement (L)	3.9	3.9	3.9	3.9	3.9	3.9	5.9	5.9	5.9
ENGINE	Compression Ratio	18.0：1	18.0：1	18.0：1	18.0：1	17.3:1	17.3:1	17.3:1	17.3:1	17.3:1
ENGINE	Rated Power (kW)	23	30	33	40	60	80	100	120	132
ENGINE	Rated Speed	1800	1800	1800	1800	1800	1800	1800	1800	1800
ENGINE	Lubrication System	Splash Lubrication								
ENGINE	Lube Oil	Conforms above CF class or SAE10W-30,15w-40								
ENGINE	Lube Oil Capacity (L)	10.9	10.9	10.9	10.9	10.9	10.9	16.4	16.4	16.4
ENGINE	Battery Capacity	6-QW-45(380)*2	6-QW-45(380)*2	6-QW-45(380)*2	6-QW-45(380)*2	6-QW-45(380)*2	6-QW-45(380)*2	6-QW-60(580)*2	6-QW-60(580)*2	6-QW-60(580)*2
ENGINE	Fuel Type	Diesel:0#(Summer),-10#(Winter),-35#(Cold)								
ENGINE	Fuel Consumption 25% load (L/H)	3.1	3.6	4	4.2	5.5	6.4	9	10	10
ENGINE	Fuel Consumption 50% load (L/H)	4.8	5	5.5	6.2	8.7	10.8	14.4	16	17
ENGINE	Fuel Consumption 75% load (L/H)	5.6	6.8	7.5	8.4	12.2	15.3	20.7	23	25
ENGINE	Fuel Consumption 100% load (L/H)	7.1	8.6	9.4	10.7	15.9	20.1	28.5	31	34
ALTERNATOR	Phase	3	3	3	3	3	3	3	3	3
ALTERNATOR	Poles	4	4	4	4	4	4	4	4	4
ALTERNATOR	Loop Mode	Three phase four wire								
ALTERNATOR	Excitation System	Brushless self-excited constant voltage (AVR)								
ALTERNATOR	Power Factor (cosΦ)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)
ALTERNATOR	Winding Pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3
ALTERNATOR	Winding Connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection
ALTERNATOR	Terminals	12	12	12	12	12	12	12	12	12
ALTERNATOR	Bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing
ALTERNATOR	IP Rating	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
ALTERNATOR	Insulation Rating	H	H	H	H	H	H	H	H	H
GENSET	Output Voltage (V)	220/240/416/440/480								
GENSET	Noise Level (7m)dB(A)	80	80	80	80	80	80	80	80	80
GENSET	Continuous Running Time (h)	8	8	8	8	8	8	8	8	8
GENSET	Silent Type: Overall Dimension (mm)(LxWxH)	2452X960X1450	2452X960X1450	2452X960X1450	2452X960X1450	2452X960X1450	2452X960X1450	2960x1100x1650	3360x1110x1700	3360x1110x1700
GENSET	Silent Type: Net Weight (kg)	1100	1120	1120	1155	1260	1280	1630	1970	1930
GENSET	Silent Type: Fuel Tank Capacity (L)	213	213	213	213	213	213	420	393	393
GENSET	Open Type: Overall Dimension (mm)(LxWxH)	1900x940x1450	1900x940x1450	1900x940x1450	1900x940x1450	1900x940x1450	1900x940x1450	2250x990x1450	2250x990x1450	2350x990x1450
GENSET	Open Type: Net Weight (kg)	745	775	775	845	960	970	1120	1310	1355
GENSET	Open Type: Fuel Tank Capacity (L)	130	130	130	130	130	130	200	200	210

Cummins 60 Hz

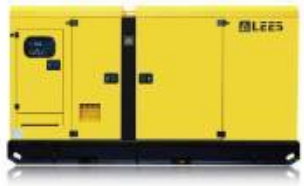
60Hz | Three Phase

	Model	LSC185S3-6	LSC220S3-6	LSC250S3-6	LSC300S3-6	LSC315S3-6	LSC330S3-6	LSC350S3-6	LSC350S3-6-1	LSC385S3-6
	Prime Power (kVA)	167.5	200	230	273	283	300	315	312	350
	Standby Power (kVA)	185	220	250	300	315	330	350	350	385
	Prime Power (kW)	134	160	184	218	226	240	252	250	280
	Standby Power (kW)	147.2	176	200	240	252	264	280	280	308
	Rated Frequency (Hz)	60	60	60	60	60	60	60	60	60
	Rated Voltage (V)	220/240/416/440/480								
	Rated Current (A)	233.2	277.6	319.2	378.9	392.8	416.4	437.2	433.0	485.8
	Rated Speed (r/min)	1800	1800	1800	1800	1800	1800	1800	1800	1800
ENGINE	Engine Brand	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS
ENGINE	Engine Model	6BTAA5.9-G12	6CTA8.3-G2	6CTAA8.3-G2	6LTAA8.9-G2	6LTAA8.9-G3	6LTAA9.5-G3	6LTAA9.5-G1	NTA855-G1	NTA855-G1B
ENGINE	Cylinder No.& Configuration	6 cylinder Diesel L type								
ENGINE	Working Mode	Turbocharged and air-cooled charge air	Turbocharged and Aftercooled (Jacket water to cooler)	Turbocharged and air-cooled charge air						
ENGINE	Bore x Stroke (mm)	102*120	114*135	114*135	114*145	114*145	116.5*148	116.5*148	140*152	140*152
ENGINE	Displacement (L)	5.9	8.3	8.3	8.9	8.9	9.5	9.5	14	14
ENGINE	Compression Ratio	17.3:1	17.3:1	18.0:1	16.6:1	16.6:1	16.6:1	16.6:1	14.5:1	14:1
ENGINE	Rated Power (kW)	150	170	190	235	255	265	280	287	313
ENGINE	Rated Speed	1800	1800	1800	1800	1800	1800	1800	1800	1800
ENGINE	Lubrication System	Splash Lubrication								
ENGINE	Lube Oil	Conforms above CF class or SAE10W-30,15w-40								
ENGINE	Lube Oil Capacity (L)	16.4	27.6	23.8	27.6	27.6	32.4	32.4	38.6	36
ENGINE	Battery Capacity	6-QW-60(580)*2	6-QW-80(600)*2	6-QW-80(600)*2	6-QW-80(600)*2	6-QW-80(600)*2	6-QW-80(600)*2	6-QW-80(600)*2	6-QW-100(680)*2	6-QW-100(680)*2
ENGINE	Fuel Type	Diesel:0#(Summer),-10#(Winter),-35#(Cold)								
ENGINE	Fuel Consumption 25% load (L/H)	11	14	15	17	18	18	19	20.6	22
ENGINE	Fuel Consumption 50% load (L/H)	19	23	25	30	31	33	34	38.4	39.5
ENGINE	Fuel Consumption 75% load (L/H)	28	33	37	44	46	47	50	56.1	60.4
ENGINE	Fuel Consumption 100% load (L/H)	38	44	49	59	62	65	68	73.4	80.2
ALTERNATOR	Phase	3	3	3	3	3	3	3	3	3
ALTERNATOR	Poles	4	4	4	4	4	4	4	4	4
ALTERNATOR	Loop Mode	Three phase four wire								
ALTERNATOR	Excitation System	Brushless self-excited constant voltage (AVR)								
ALTERNATOR	Power Factor (cosΦ)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)
ALTERNATOR	Winding Pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3
ALTERNATOR	Winding Connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection
ALTERNATOR	Terminals	12	12	12	12	12	12	12	12	12
ALTERNATOR	Bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing
ALTERNATOR	IP Rating	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
ALTERNATOR	Insulation Rating	H	H	H	H	H	H	H	H	H
	Output Voltage (V)	220/240/416/440/480								
	Noise Level (7m)dB(A)	80	80	80	80	80	80	80	80	80
	Continuous Running Time (h)	8	8	8	8	8	8	8	8	8
GENSET	Silent Type: Overall Dimension (mm)(LxWxH)	3360x1110x1700	3360x1110x1700	3620x1232x2000	3620x1232x2000	3620x1232x2000	3910x1332x2100	3910x1332x2100	4260x1462x2100	4260x1462x2100
GENSET	Silent Type: Net Weight (kg)	2105	2430	2625	2830	2830	2845	2975	3835	3990
GENSET	Silent Type: Fuel Tank Capacity (L)	393	393	575	575	575	758	758	765	765
GENSET	Open Type: Overall Dimension (mm)(LxWxH)	2415x990x1560	2490x1114x1560	2490x1114x1560	2680x1150x1700	2680x1150x1700	3200x1150x1800	3200x1150x1800	3370x1250x1950	3370x1250x1950
GENSET	Open Type: Net Weight (kg)	1415	1580	1685	1910	1910	2105	2235	2835	2900
GENSET	Open Type: Fuel Tank Capacity (L)	220	255	255	325	325	400	400	470	470

Cummins 60 Hz

60Hz | Three Phase

	Model	LSC44053-6	LSC50053-6	LSC57553-6	LSC63553-6	LSC68853-6	LSC75053-6	LSC100053-6	LSC113053-6	LSC126553-6
	Prime Power (kVA)	400	475	523	580	625	-	910	1030	1125
	Standby Power (kVA)	440	500	575	635	688	750	1000	1130	1265
	Prime Power (kW)	320	380	418	464	500	-	728	824	900
	Standby Power (kW)	352	400	460	508	550	600	800	904	1012
	Rated Frequency (Hz)	60	60	60	60	60	60	60	60	60
	Rated Voltage (V)	220/240/416/440/480								
	Rated Current (A)	555.2	659.3	725.9	805.0	867.4	-	1263.0	1429.5	1561.4
	Rated Speed (r/min)	1800	1800	1800	1800	1800	1800	1800	1800	1800
ENGINE	Engine Brand	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS
ENGINE	Engine Model	NTA855-G3	QSZ13-G3	KTA19-G3	KTA19-G3A	QSK19-G4	KTAA19-G6A	KTA38-G2	KTA38-G2A	KTA38-G4
ENGINE	Cylinder No.& Configuration	6 cylinder Diesel L type						12 cylinder Diesel.VEE type		
ENGINE	Working Mode	Turbocharged and air-cooled charge air		Turbocharged and Aftercooled (Jacket water to cooler)			Turbocharged and air-cooled charge air	Turbocharged and Aftercooled (Jacket water to cooler)		
ENGINE	Bore x Stroke (mm)	140*152	130*163	159*159	159*159	159*159	159*159	159*159	159*159	159*159
ENGINE	Displacement (L)	14	13	18.9	19	18.9	19	37.8	37.8	38
ENGINE	Compression Ratio	14:1	17.0:1	13.9:1	13.9:1	15.0:1	13.9:1	14.5:1	14.5:1	13.9:1
ENGINE	Rated Power (kW)	358	450	463	507	559	664	809	915	1007
ENGINE	Rated Speed	1800	1800	1800	1800	1800	1800	1800	1800	1800
ENGINE	Lubrication System	Splash Lubrication								
ENGINE	Lube Oil	Conforms above CF class or SAE10W-30,15w-40								
ENGINE	Lube Oil Capacity (L)	36	45.42	50	50	84.4	50	135	135	135.1
ENGINE	Battery Capacity	6-QW-100(680)*2	6-QW-100(680)*2	6-QW-120(850)*2	6-QW-120(850)*2	6-QW-120(850)*2	6-QW-120(850)*2	6-QW-120(850)*4	6-QW-120(850)*4	6-QW-120(850)*4
ENGINE	Fuel Type	Diesel:0#(Summer),-10#(Winter),-35#(Cold)								
ENGINE	Fuel Consumption 25% load (L/H)	26.8	28	37	67	44	41.2	67	55	81
ENGINE	Fuel Consumption 50% load (L/H)	46.9	50.8	61	122	76	73.3	111	111	136
ENGINE	Fuel Consumption 75% load (L/H)	66	75.7	86	172	106	106.5	157	164	190
ENGINE	Fuel Consumption 100% load (L/H)	87.1	104.1	111	225	140	140	204	225	245
ALTERNATOR	Phase	3	3	3	3	3	3	3	3	3
ALTERNATOR	Poles	4	4	4	4	4	4	4	4	4
ALTERNATOR	Loop Mode	Three phase four wire								
ALTERNATOR	Excitation System	Brushless self-excited constant voltage (AVR)								
ALTERNATOR	Power Factor (cosΦ)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)
ALTERNATOR	Winding Pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3
ALTERNATOR	Winding Connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection
ALTERNATOR	Terminals	12	12	12	12	12	12	12	12	12
ALTERNATOR	Bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing
ALTERNATOR	IP Rating	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
ALTERNATOR	Insulation Rating	H	H	H	H	H	H	H	H	H
	Output Voltage (V)	220/240/416/440/480								
	Noise Level (7m)dB(A)	80	80	80	80	80	80	80	80	80
	Continuous Running Time (h)	8	8	8	8	8	8	8	8	8
GENSET	Silent Type: Overall Dimension (mm)(LxWxH)	4260x1462x2100	4700x1630x2400	4700x1630x2400	4700x1630x2400	5060x1912x2500	5060x1912x2530	5400x2260x2550	5400x2260x2550	5400x2260x2550
GENSET	Silent Type: Net Weight (kg)	4200	4805	5345	5450	6680	6525	9646	9646	9646
GENSET	Silent Type: Fuel Tank Capacity (L)	765	1331	1331	1331	1000L	1000	1000(optional)	1000(optional)	1000(optional)
GENSET	Open Type: Overall Dimension (mm)(LxWxH)	3370x1250x1950	3160x1380x2250	3600x1400x2150	3600x1400x2150	3950x1638x2150	3950x1638x2150	4550x2100x2320	4750x2100x2320	4750x2100x2320
GENSET	Open Type: Net Weight (kg)	3110	3265	3800	3910	4640	4485	7000	7000	7000
GENSET	Open Type: Fuel Tank Capacity (L)	470	490	590	590	800	800	1000(optional)	1000(optional)	1000(optional)







	Model	LSC137553-6	LSC160053-6	LSC193053-6	LSC200053-6	LSIC100053-6	LSIC126553-6	LSIC212553-6	LSIC250053-6
	Prime Power (kVA)	-	1410	1610	1820	910	1150	1938	2281
	Standby Power (kVA)	1375	1600	1930	2000	1000	1265	2125	2500
	Prime Power (kW)	-	1128	1288	1456	728	920	1550	1825
	Standby Power (kW)	1100	1280	1544	1600	800	1012	1700	2000
	Rated Frequency (Hz)	60	60	60	60	60	60	60	60
	Rated Voltage (V)	220/240/416/440/480							
	Rated Current (A)	-	1956.9	2234.5	2526.0	1263.0	1596.1	2689.8	3165.8
	Rated Speed (r/min)	1800	1800	1800	1800	1800	1800	1800	1800
ENGINE	Engine Brand	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS
ENGINE	Engine Model	KTA38-G9	KTA50-G3	KTA50-G9	QSK50-G6	QSK23-G3	QST30-G4	QSK60-G5	QSK60G7
ENGINE	Cylinder No.& Configuration	12 cylinder Diesel.VEE type	16 cylinder Diesel.VEE type			6 cylinder Diesel L type	12 cylinder Diesel.VEE type	16 cylinder Diesel.VEE type	
ENGINE	Working Mode	Turbocharged and Aftercooled (Jacket water to cooler)				Turbocharged and air-cooled charge air	Turbocharged and Aftercooled (Jacket water to cooler)		
ENGINE	Bore x Stroke (mm)	159*159	159*159	159*159	159*159	170*170	140*165	159*190	159*190
ENGINE	Displacement (L)	38	50	50.3	50.3	23.15	30.48	60.2	60.2
ENGINE	Compression Ratio	14.5:1	13.9:1	13.9:1	15.0:1	16.0:1	14.0:1	14.5:1	16.2:1
ENGINE	Rated Power (kW)	1090	1220	1384	1575	809	1007	1725	1975
ENGINE	Rated Speed	1800	1800	1800	1800	1800	1800	1800	1800
ENGINE	Lubrication System	Splash Lubrication							
ENGINE	Lube Oil	Conforms above CF class or SAE10W-30,15w-40							
ENGINE	Lube Oil Capacity (L)	135.1	176.8	204.4	234.7	103	154	280	280
ENGINE	Battery Capacity	6-QW-120(850)*4	6-QW-200EP*4	6-QW-200EP*4	6-QW-200EP*4	6-QW-120(850)*2	6-QW-200EP*2	6-QW-200EP*4	6-QW-200EP*4
ENGINE	Fuel Type	Diesel:0#(Summer),-10#(Winter),-35#(Cold)							
ENGINE	Fuel Consumption 25% load (L/H)	79	89	111	126	46	66	136	152
ENGINE	Fuel Consumption 50% load (L/H)	137	157	180	224	85	119	227	254
ENGINE	Fuel Consumption 75% load (L/H)	196	222	257	303	121	177	319	360
ENGINE	Fuel Consumption 100% load (L/H)	256	291	330	392	161	240	402	471
ALTERNATOR	Phase	3	3	3	3	3	3	3	3
ALTERNATOR	Poles	4	4	4	4	4	4	4	4
ALTERNATOR	Loop Mode	Three phase four wire							
ALTERNATOR	Excitation System	Brushless self-excited constant voltage (AVR)							
ALTERNATOR	Power Factor (cosΦ)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)	0.8 (lag)
ALTERNATOR	Winding Pitch	2/3	2/3	2/3	2/3	2/3	2/3	2/3	2/3
ALTERNATOR	Winding Connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection	Y connection
ALTERNATOR	Terminals	12	12	12	12	12	12	12	12
ALTERNATOR	Bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing	single bearing
ALTERNATOR	IP Rating	IP23	IP23	IP23	IP23	IP23	IP23	IP23	IP23
ALTERNATOR	Insulation Rating	H	H	H	H	H	H	H	H
	Output Voltage (V)	220/240/416/440/480							
	Noise Level (7m)dB(A)	80	80	80	80	80	80	80	80
	Continuous Running Time (h)	8	8	8	8	8	8	8	8
GENSET	Silent Type: Overall Dimension (mm)(LxWxH)	5400x2260x2550	ISO 20/40ft GP	ISO 20'ft HQ	ISO 40'ft HQ	ISO 20'ft GP	ISO 20'ft GP	ISO 40'ft HQ	ISO 40'ft HQ
GENSET	Silent Type: Net Weight (kg)	10452	16850	19000	18800	10650	11545	21959	22800
GENSET	Silent Type: Fuel Tank Capacity (L)	1000(optional)	1000(optional)	1000(optional)	1000(optional)	1000(optional)	1000(optional)	1000(optional)	1000(optional)
GENSET	Open Type: Overall Dimension (mm)(LxWxH)	4750x2100x2320	5283x2260x2510	5820x2200x2800	5820x2200x2233	4600x1897x2090	4300x1820x2480	6250x2500x2550	6250x2500x2550
GENSET	Open Type: Net Weight (kg)	7806	9450	9850	9850	7000	8800	16000	1550
GENSET	Open Type: Fuel Tank Capacity (L)	1000(optional)	1000(optional)	1000(optional)	1000(optional)	1000(optional)	1000(optional)	1000(optional)	1000(optional)





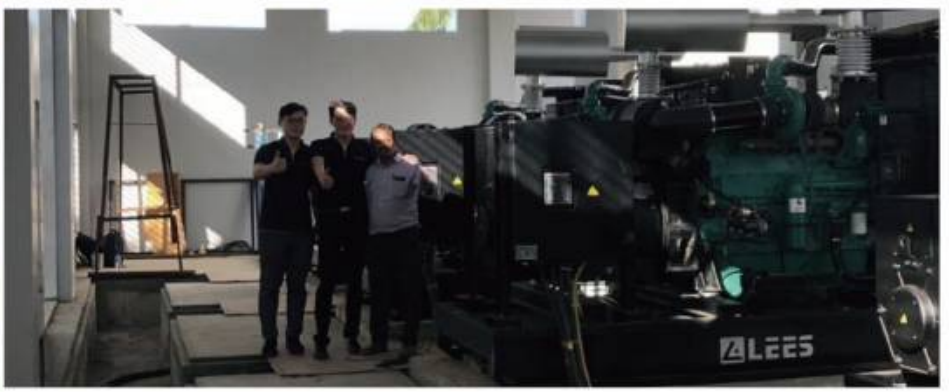
LEES PROJECTS

Powered by Cummins











Product Features



Features of Cummins engine

- **Accessory drive**

  Single Poly Vee belt drive for fan, alternator and water pump, with self-tensioning idle for minimum maintenance.

- **Complete rebuild ability**

  Cylinder block has multiple rebore capability.

  Service cylinder sleeves and valve guides are also available.

- **Low fuel consumption**

  Excellent fuel consumption with B.S.F.C 215g/kw.h .

- **Cold start capability**

  Minimum ambient temperature for unaided cold start -12℃.

  Minimum ambient temperature for aided (with coolant heater) cold start -35℃.

Features of alternator

- 12 wire reconnectable stator/terminal arrangement.
- Easy access for installation and maintenance.
- 2/3 pitch winding as standard, to avoid excessive neutral currents.
- Class H insulation with severe environmental protection as standard .
- Built to conform with all leading industrial and marine standards.
- 460 AVR as standard with 1.5% regulation and 2 phase sensing.
- IP23 as standard.

Features of DSE controller

- The DSE7320 is an Auto Mains (Utility) Failure Control Module suitable for a wide variety of single, diesel or gas, gen-set applications.
- Monitoring an extensive number of engine parameters, the modules will display warnings, shutdown and engine status information on the back-lit LCD screen, illuminated LEDs, remote PC and via SMS test alerts (with external modem).
- The DSE7320 will also monitor the mains (utility) supply. The modules include USB, RS232 and RS485 ports as well as dedicated DSENet terminals for system expansion.

www.leespower.com
Tel: 0086-510-85168446
Email: lees@leespower.com
Facebook: @leesgenerator
Add: 312 National Highway, Luoshe, Huishan District, Wuxi, China, 214000

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Comprehensive Power Solutions