



J&V
ingeniería



Diesel Generating Sets



INGENIERIA J&V VENTA DE EQUIPOS GENERADORES

Sunshine

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[Http://www.sunshinemach.com](http://www.sunshinemach.com)

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COMPANY PRESENTATION



COMPANY BRIEF

FUZHOU SUNSHINE MACHINERY CO., LIMITED is located in Jinshan Industrial zone Fuzhou city, was founded in 2003, It is a professional company specialized in assembling, vending and maintaining generating sets.

As the approved OEM partner for world famous engine manufacturers CUMMINS, PERKINS, DEUTZ, DOOSAN and LOVOL coupled with world famous alternators LEROY SOMER and STAMFORD, SUNSHINE sells a wide range generating sets in China and more than 40 countries all over the world. The annual production capacity is 4000 units annually.

The engine and control unit of generator sets are adopted the world-class advanced products and technical products, and is of high performance value and reliable quality guarantee. With the 4,000 units production capacity annually at our 10,000M2 modern factory, we would guarantee the quality and delivery.

OUR MISSION

- Customer Satisfaction
- After Sales Service
- Best Quality with Good Price
- Best Proposal
- Problem Solving
- Growing with Customer and Partner



Your Reliable Power Provider!

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Factory Tour





50HZ



50HZ COSφ=0.8,400/230V 3PHASES 4WIRES

GENSETS MODEL	STANDBY POWER		PRIME POWER		CUMMINS ENGINE (1500rpm 50HZ)				ALTERNATOR		OPEN TYPE DIMENSION & WEIGHT		
	KVA	KW	KVA	KW	ENGINE MODEL	Cyl	BORE mm	STROKE mm	DISPLACEMENT L	LEROY SOMER	STAMFORD	LxWxH	WEIGHT
												mm	Kgs
SC30	30	24	27	22	4B3.9-G2	4L	102	120	3.9	LSA42.2M7	BCI184F	1794×960×1350	980
SC44	44	35	40	32	4BT3.9-G2	4L	102	120	3.9	LSA43.2S15	BCI184H	1794×960×1350	980
SC50	50	40	45	36	4BTA3.9-G2	4L	102	120	3.9	LSA43.2S25	UCI224D	1794×960×1350	1070
SC70	70	55	63	50	4BTA3.9-G2	4L	102	120	3.9	LSA43.2L65	UCI224F	1794×960×1350	1070
SC100	100	80	90	72	6BT5.9-G1	6L	102	120	5.88	LSA44.2VS3	UCI274C	2240×960×1473	1200
SC110	110	88	100	80	6BT5.9-G2	6L	102	120	5.88	LSA44.2VS45	UCI274C	2240×960×1473	1200
SC138	138	110	125	100	6BTA4.9-G2	6L	102	120	5.88	LSA44.2S7	UCI274D	2240×960×1515	1400
SC150	150	120	138	110	6BTA4.9-G2	6L	102	120	5.88	LSA44.2S75	UCI274E	2240×960×1515	1500
SC163	163	130	150	120	6CTA8.3G2	6L	114	135	8.3	LSA44.2M95	UCI274F	2274×960×1472	1500
SC206	206	162	188	150	6CTA8.3G2	6L	114	135	8.3	LSA46.2M3	UCI274G	2389×960×1472	1600
SC215	215	172	200	160	6CTA8.3G2	6L	114	135	8.3	LSA46.2M5	UCI274H	2394×960×1636	1700
SC275	275	220	250	200	6LTA4.9G2	6L	114	145	8.9	LSA46.2L6	UCD274K	2794×1100×1690	2300
SC300	300	240	275	220	NT855-GA	6L	140	152	14	LSA46.2L8	HCI444D	2960×1100×1770	3250
SC313	313	250	280	220	NTA855-G1A	6L	140	152	14	LSA46.2L9	HCI444D	3050×1100×1820	3300
SC350	350	280	313	250	NTA855-G1B	6L	140	152	14	LSA46.2VL12	HCI444ES	3050×1100×1820	3300
SC388	388	310	350	280	NTA855-G2A	6L	140	152	14	LSA47.2VS2	HCI444E	3050×1100×1820	3350
SC413	413	330	375	300	NTAA855-G7	6L	140	152	14	LSA47.2VS2	HCI444FS	3300×1200×1950	4800
SC450	450	360	413	330	NTAA855-G7A	6L	140	152	14	LSA47.2S4	HCI444F	3300×1300×1950	4950
SC500	500	400	450	360	KTA19-G3	6L	159	159	18.9	LSA47.2S5	HCI544C	3380×1305×1950	4900
SC550	550	440	500	400	KTA19-G4	6L	159	159	18.9	LSA47.2M7	HCI544D	3380×1305×1950	4900
SC600	600	485	550	440	KTAA19-G5	6L	159	159	18.9	LSA47.2M8	HCI544E	3500×1550×2100	4900
SC625	625	500	550	440	KTAA19-G5	6L	159	159	18.9	LSA47.2L9	HCI544E	3500×1550×2100	4950
SC650	650	520	600	480	KTAA19-G6	6L	159	159	18.9	LSA47.2L9	HCI544E	3500×1550×2100	4800
SC688	688	550	625	500	KTAA19-G6A	6L	159	159	18.9	LSA49.1S4A	HCI544F-S	3500×1550×2100	4950
SC700	715	572	650	520	KTA38-G	12V	159	159	37.8	LSA49.1S4	HCI544F	4450×1750×2350	7800
SC825	825	660	750	600	KTA38-G2	12V	159	159	37.8	LSA49.1M65	LVI634B	4450×1750×2350	7850
SC900	900	720	800	640	KTA38-G2A	12V	159	159	37.8	LSA49.1M75	LVI634C	4450×1750×2350	7950
SC1000	1000	800	900	720	KTA38-G2A	12V	159	159	37.8	LSA49.1L10	LVI634D	4450×1750×2350	8000
SC1100	1100	880	1000	800	KTA38-G5	12V	159	159	37.8	LSG55	LVI634E	4450×1750×2350	9800

In order to incorporate the latest technological developments, SUNSHINE reserves the right to change the specifications without notice.

Sunshine

60HZ



60HZ COSφ=0.8,440/220V 3PHASES 4WIRES

GENSETS MODEL	STANDBY POWER		PRIME POWER		CUMMINS ENGINE (1800rpm 60HZ)				ALTERNATOR		OPEN TYPE DIMENSION & WEIGHT		
	KVA	KW	KVA	KW	ENGINE MODEL	Cyl	BORE mm	STROKE mm	DISPLACEMENT L	LEROY SOMER	STAMFORD	LxWxH	WEIGHT
												mm	Kgs
SC35	35	28	31	25	4B3.9-G2	4L	102	120	3.9	LSA42.2M7	BCI184F	1794×960×1350	980
SC55	55	44	50	40	4BT3.9-G2	4L	102	120	3.9	LSA43.2S15	BCI184J	1794×960×1350	980
SC75	75	60	68	54	4BTA3.9-G2	4L	102	120	3.9	LSA43.2L65	UCI224F	1794×960×1350	1070
SC95	95	76	85	68	6BT5.9-G1	6L	102	120	5.88	LSA43.2L8	UCI224G	2240×960×1473	1200
SC110	110	88	100	80	6BT5.9-G2	6L	102	120	5.88	LSA44.2VS3	UCI274C	2240×960×1473	1200
SC125	125	100	113	90	6BT5.9-G2	6L	102	120	5.88	LSA44.2VS45	UCI274C	2240×960×1473	1200
SC163	163	130	148	118	6BTA4.9-G2	6L	102	120	5.88	LSA44.2S75	UCI274E	2240×960×1515	1400
SC185	185	148	169	135	6CTA8.3G2	6L	114	135	8.3	LSA44.2M95	UCI274F	2274×960×1472	1500
SC200	200	160	180	144	6CTA8.3G2	6L	114	135	8.3	LSA44.2L12	UCI274G	2389×960×1472	1600
SC215	215	172	200	160	6CTA8.3G2	6L	114	135	8.3	LSA46.2M3	UCI274G	2394×960×1636	1700
SC240	240	194	220	175	6CTA8.9G2	6L	114	145	8.9	LSA46.2M5	UCI274H	2794×1100×1690	2300
SC300	300	240	275	220	6LTA4.9G2	6L	114	145	8.9	LSA46.2L6	UCD274K	2794×1100×1690	2300
SC335	335	267	300	240	NTA855G1	6L	140	152	14	LSA46.2L9	HCI444D	2960×1100×1770	3250
SC388	388	310	350	280	NTA855G2	6L	140	152	14	LSA46.2VL12	HCI444ES	3050×1100×1820	3300
SC440	440	352	400	320	NTA855G3	6L	140	152	14	LSA47.2VS2	HCI444E	3050×1100×1820	3300
SC500	500	400	455	360	KTA19-G2	6L	159	159	18.9	LSA47.2VS2	HCI444E	3300×1200×1950	4900
SC530	530	425	480	385	KTA19-G3	6L	159	159	18.9	LSA47.2S4	HCI444F	3380×1305×1950	4900
SC625	625	500	560	450	KTA19-G4	6L	159	159	18.9	LSA47.2M7	HCI544D	3380×1305×1950	4900
SC725	725	580	660	528	KTAA19-G5	6L	159	159	18.9	LSA47.2L9	HCI544E	3500×1550×2100	4900
SC737	737	590	675	540	KTAA19-G7	6L	159	159	18.9	LSA49.1S4	HCI544F	3500×1550×2100	4950
SC810	810	650	780	620	KTA38-G	12V	159	159	37.8	LSA49.1M6	LVI634B	4450×1750×2350	7800
SC1000	1000	800	910	720	KTA38-G2	12V	159	159	37.8	LSA49.1L9	LVI634D	4450×1750×2350	7850

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Perkins®

LEROY SOMER



50HZ

50HZ COSφ=0.8,400/230V 3PHASES 4WIRES

GENSETS MODEL	STANDBY POWER		PRIME POWER		PERKINS ENGINE (1500rpm 50HZ)				ALTERNATOR		OPEN TYPE DIMENSION & WEIGHT		
	KVA	KW	KVA	KW	ENGINE MODEL	Cyl	BORE mm	STROKE mm	DISPLACEMENT L	LEROY SOMER	STAMFORD	LxWxH	WEIGHT
												mm	kgs
SP10	10	8	9	7	403D-11G	3L	77	81	1.1	LSA42.2S4	BCI184A	1100x500x1000	400
SP14	14	11	13	10	403D-15G	3L	84	90	1.5	LSA42.2S4	BCI184C	1100x500x1000	400
SP22	22	18	20	16	404D-22G	4L	84	100	2.2	LSA42.2S5	BCI184E	1300x600x1150	550
SP33	33	26	30	24	1103C-33G3	3L	105	127	3.3	LSA42.2L9	BCI184G	1600x730x1250	750
SP50	50	40	45	36	1103C-33TG3	3L	105	127	3.3	LSA43.2S25	UCI224D	1650x730x1250	780
SP65	65	52	60	48	1103A-33TG2	3L	105	127	3.3	LSA43.2M45	UCI224E	1650x730x1250	780
SP65	65	52	60	48	1104C-44TG3	4L	105	127	3.3	LSA43.2M45	UCI224E	1750x730x1250	850
SP72	72	58	65	52	1104A-44TG1	4L	105	127	4.4	LSA43.2L85	UCI224F	1750x730x1250	850
SP88	88	70	80	64	1104A-44TG2	4L	105	127	4.4	LSA43.2L8	UCI224G	1750x730x1250	850
SP100	100	80	90	72	1104C-44TAG1	4L	105	127	4.4	LSA44.2VS3	UCI274C	1850x750x1250	900
SP110	110	88	100	80	1006TG2A	6L	105	127	4.4	LSA44.2VS45	UCI274C	2250x820x1450	1150
SP110	110	88	100	80	1104C-44TAG2	4L	105	127	4.4	LSA44.2VS45	UCI274C	2240x960x1315	1300
SP150	150	120	136	110	1006TAG	6L	100	127	6	LSA44.2S75	UCI274E	2250x820x1450	1150
SP165	165	132	150	120	1006TAG2	6L	100	127	6	LSA44.2M95	UCI274F	2250x820x1450	1150
SP165	165	132	150	120	1106D-E66TAG3	6L	100	127	6.6	LSA44.2M95	UCI274F	2400x900x1600	1500
SP200	200	158	181	144	1106D-E66TAG4	6L	100	127	6.6	LSA46.2M3	UCI274G	2400x900x1600	1500
SP225	225	180	205	166	1306C-E87TAG3	6L	116	136	8.7	LSA46.2M5	UCI274H	2500x1000x1650	1300
SP250	250	200	228	180	1306C-E87TAG4	6L	116	136	8.7	LSA46.2L6	UCD274J	2700x1000x1650	1650
SP263	263	210	240	188	1306C-E87TAG5	6L	116	136	8.7	LSA46.2L6	UCD274J	2700x1000x1650	1700
SP275	275	220	250	200	1306C-E87TAG6	6L	116	136	8.7	LSA46.2L6	UCD274J	2700x1000x1650	1700
SP400	400	320	364	280	2206C-E13TAG2	6L	137	165	14.6	LSA47.2VS2	HCI444E	3280x1130x1950	3300
SP450	450	360	410	320	2206C-E13TAG3	6L	137	165	14.6	LSA47.2S4	HCI444F	3280x1130x1950	3300
SP500	500	400	454	360	2506C-E15TAG1	6L	137	171	15.8	LSA47.2S5	HCI544C	3380x1500x2100	3800
SP550	550	440	500	400	2506C-E15TAG2	6L	137	171	15.2	LSA47.2M7	HCI544D	3310x1180x1950	3940
SP625	625	500	568	440	2806C-E18TAG1	6L	145	183	18.1	LSA47.2M8	HCI544E	3380x1500x2100	3940
SP690	690	550	627	500	2806C-E18TAG2	6L	145	183	18.1	LSA47.2L9	HCI544F-S	3380x1500x2100	4706
SP725	725	580	660	520	2806C-E18TAG2	6L	145	183	18.1	LSA49.1S4	HCI544F	3380x1500x2100	4706
SP800	800	640	727	580	4006-23TAG2A	6L	160	190	22.92	LSA49.1M6	LVI634B	4450x1750x2350	4706
SP900	900	720	818	640	4006-23TAG3A	6L	160	190	22.92	LSA49.1M75	LVI634C	4450x1750x2350	4706
SP935	935	748	850	680	4008TWS2	8L	160	190	30.6	LSA49.1L9	LVI634D	4850x1870x2350	7611
SP1100	1100	880	1000	800	4008TAG2A	8L	160	190	30.6	LSG55	LVI634E	4850x1870x2350	7611
SP1375	1375	1100	1250	1000	4012-46TWG2A	12V	160	190	45.8	LSA50.1M6	LVI634G	4900x1860x2350	9154
SP1500	1500	1200	1363	1100	4012-46TWG3A	12V	160	190	45.8	LSA50.1M7	PI734B	4900x1860x2350	11580
SP1500	1500	1200	1363	1100	4012-46TAG1A	12V	160	190	45.8	LSA50.1M7	PI734B	4900x1860x2350	11580
SP1650	1650	1320	1500	1200	4012-46TAG2A	12V	160	190	45.8	LSA50.1VL10	PI734C	5600x2250x2570	11580
SP1850	1850	1480	1681	1350	4016TWG2	16V	160	190	61.1	LSA51.2S55	PI734D	5927x2300x3010	15430
SP1950	1950	1580	1772	1400	4016TAG	16V	160	190	61.1	LSA51.2S55	PI734E	5927x2300x3010	15430
SP2000	2000	1600	1818	1460	4016TAG1A	16V	160	190	61.1	LSA51.2S55	PI734F	6011x2300x3010	15500
SP2200	2200	1760	2000	1600	4016TAG2A	16V	160	190	61.1	LSA51.2M60	PI734F	6011x2300x3010	15500
SP2250	2250	1800	2050	1640	4016TAG2A	16V	160	190	61.1	LSA51.2M60	PI734F	6011x2300x3010	15500

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Sunshine

60HZ



60HZ COSφ=0.8,440/220V 3PHASES 4WIRES

GENSETS MODEL	STANDBY POWER		PRIME POWER		PERKINS ENGINE (1800rpm 60HZ)				ALTERNATOR		OPEN TYPE DIMENSION & WEIGHT		
	KVA	KW	KVA	KW	ENGINE MODEL	Cyl	BORE mm	STROKE mm	DISPLACEMENT L	LEROY SOMER	STAMFORD	LxWxH	WEIGHT
												mm	kgs
SP11	11	8.8	10	8	403D-11G	3L	77	81	1.1	N.A.	BCI184A	1100x500x1000	400
SP16	16.5	13	15	12	403D-15G	3L	84	90	1.5	N.A.	BCI184C	1100x500x1000	400
SP24	24	19	22	18	404D-22G	4L	84	100	2.2	LSA42.2S4	BCI184E	1300x600x1150	550
SP37	37	30	34	27	1103C-33G1	3L	105	127	3.3	LSA42.2M7	BCI184F	1600x730x1250	750
SP55	55	44	50	40	1103A-33TG1	3L	105	127	3.3	LSA43.2S15	BCI184J	1600x730x1250	750
SP75	75	60	68	55	1103A-33TG2	3L	105	127	3.3	LSA43.2L85	UCI224E	1650x730x1250	780
SP82	82.5	66	75	60	1104A-44TG1	4L	105	127	4.4	LSA43.2L65	UCI224F	1750x730x1250	850
SP96	96	77	88	70	1104A-44TG2	4L	105	127	4.4	LSA43.2L8	UCI224F	1750x730x1250	850
SP124	124	99	113	90	1104C-44TAG2	4L	105	127	4.4	LSA44.2VS45	UCI274C	2240x960x1315	1300
SP170	170	136	155	124	1006TAG	6L	100	127	6	LSA44.2S75	UCI274E	2250x820x1450	1150
SP184	184	147	168	134	1106D-E66TAG3	6L	100	127	6.6	LSA44.2M95	UCI274E	2400x900x1600	1500
SP220	220	176	200	160	1106D-E66TAG4	6L	100	127	6.6	LSA46.2M3	UCI274G	2400x900x1600	1500
SP254	254	204	231	185	1306C-E87TAG3	6L	116	136	8.7	LSA46.2M5	UCI274H	2500x1000x1650	1300
SP270	270	216	245	196	1306C-E87TAG4	6L	116	136	8.7	LSA46.2L6	UCI274H	2700x1000x1650	1650
SP382	382	308	348	278	2306C-E14TAG1A	6L	137	165	14.6	LSA46.2VL12	HCI444D	3310x1180x1950	3940
SP448	448	358	406	325	2306C-E14TAG2	6L	137	165	14.6	LSA47.2VS2	HCI444E	3310x1180x1950	3940
SP484	484	387	440	352	2306C-E14TAG3	6L	137	165	14.6	LSA47.2VS2	HCI444FS	3310x1180x1950	3940
SP550	550	440	500	400	2506C-E15TAG2	6L	137	171	15.2	LSA47.2S4	HCI544C	3310x1180x1950	3940
SP627	627	502	570	456	2506C-E15TAG3	6L	137	171	15.2	LSA47.2M7	HCI544D	3310x1180x1950	3940
SP688	688	550	625	500	2806A-E18TAG1	6L	145	183	18.1	LSA47.2L9	HCI544E	3380x1500x2100	3940
SP750	750	600	681	545	2806C-E18TAG3	6L	145	183	18.1	LSA47.2L9	HCI544E	3380x1500x2100	3940
SP825	825	660	750	600	4006-23TAG2A	6L	160	190	22.92	LSA49.1M6	HCI544F	4450x1750x2350	4706
SP914	914	732	831	665	4006-23TAG3A	6L	160	190	22.92	N.A.	LVI634B	4450x1750x2350	4706
SP1095	1095	876	995	796	4008TAG2	8L	160	190	30.6	LSA49.1L9	HCI634H	4850x1870x2350	7611
SP1370	1370	1096	1245	996	4012-46TWG2A	12V	160	190	45.8	LSA50.2M6	HCI634K	4900x1860x2350	9154
SP1656	1656	1324	1505	1204	4012-46TAG2A	12V	160	190	45.8	LSA50.2L8	PI734A	5600x2250x2570	11580

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50HZ



LOVOL

DEUTZ

LEROY SOMER

50HZ COSφ=0.8, 400/230V 3PHASES 4WIRES

GENSETS MODEL	STANDBY POWER		PRIME POWER		LOVOL ENGINE (1500rpm 50HZ)				ALTERNATOR		OPEN TYPE DIMENSION & WEIGHT		
	KVA	KW	KVA	KW	ENGINE MODEL	Cyl	BORE mm	STROKE mm	DISPLACEMENT L	LEROY SOMER	STAMFORD	LxWxH mm	WEIGHT Kgs
SL35	35	28	30	25	1003G	3L	100	127	3	LSA42.2L9	BCI184 G	1700×980×1294	700
SL40	40	33	38	30	1003TG	3L	100	127	3	LSA43.2S15	BCI184 H	1700×980×1294	700
SL50	50	40	45	36	1003TG	3L	100	127	3	LSA43.2S25	UCI224D	1700×980×1294	700
SL50	50	40	45	36	1004G	4L	100	127	3.99	LSA43.2S25	UCI224D	1853×980×1294	802
SL70	70	55	63	50	1004TG	4L	100	127	3.99	LSA43.2L65	UCI224F	1853×980×1294	802
SL100	100	80	90	72	1006TG1A	6L	100	127	6	LSA44.2VS3	UCI274C	2240×980×1510	1043
SL113	113	90	100	80	1006TG2A	6L	100	127	6	LSA44.2VS45	UCI274C	2240×980×1510	1095
SL150	150	120	138	110	1006TAG	6L	100	127	6	LSA44.2S75	UCI274E	2262×980×1440	1175

GENSETS MODEL	STANDBY POWER		PRIME POWER		DEUTZ ENGINE (1500rpm 50HZ)				ALTERNATOR		OPEN TYPE DIMENSION & WEIGHT		
	KVA	KW	KVA	KW	ENGINE MODEL	Cyl	BORE mm	STROKE mm	DISPLACEMENT L	LEROY SOMER	STAMFORD	LxWxH mm	WEIGHT Kgs
SD35	35	28	31	25	D226B-3	3L	105	120	3.12	LSA42.2L9	BCI184G	1800×980×1290	710
SD55	55	44	45	40	TD226B-3	3L	105	120	3.12	LSA43.2S35	UCI224C	1800×980×1290	760
SD68	68	55	62	50	TD226B-4	4L	105	120	4.16	LSA43.2L65	UCI224F	2240×980×1730	860
SD110	110	88	100	80	TD226B-6	6L	105	120	6.24	LSA44.2VS45	UCI274C	2240×980×1830	1230
SD138	138	110	125	100	TBD226B-6D	6L	105	120	6.24	LSA44.2S7	UCI274D	2358×980×1830	1290
SD165	165	132	150	120	TBD226B-6D5	6L	105	120	6.24	LSA44.2M95	UCI274F	2448×980×1830	1340

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60HZ



60HZ COSφ=0.8, 440/220V 3PHASES 4WIRES

GENSETS MODEL	STANDBY POWER		PRIME POWER		LOVOL ENGINE (1800rpm 60HZ)				ALTERNATOR		OPEN TYPE DIMENSION & WEIGHT		
	KVA	KW	KVA	KW	ENGINE MODEL	Cyl	BORE mm	STROKE mm	DISPLACEMENT L	LEROY SOMER	STAMFORD	LxWxH mm	WEIGHT Kgs
SL31	31	25	29	23	1003G	3L	100	127	3	LSA42.2 M6	BCI184E	1700×980×1294	700
SL37	37	30	34	28	1003G	3L	100	127	3	LSA42.2 M7	BCI184F	1700×980×1294	700
SL41	41	33	38	30	1003TG	3L	100	127	3	LSA42.2 L9	BCI184G	1700×980×1294	700
SL76	76	61	70	56	1004TG	4L	100	127	3.99	LSA43.2 M45	UCI224E	1853×980×1294	802
SL96	96	77	88	70	1004TG	4L	100	127	3.99	LSA43.2 L65	UCI224F	1853×980×1294	802
SL123	123	99	112	90	1006TG1A	6L	100	127	6	LSA44.2 VS3	UCI274C	2240×980×1510	1043
SL128	128	103	118	94	1006TG2A	6L	100	127	6	LSA44.2 VS45	UCI274C	2240×980×1510	1043
SL150	150	121	138	110	1006TAG	6L	100	127	6	LSA44.2 S7	UCI274D	2262×980×1440	1175
SL176	176	141	160	128	1006TAG	6L	100	127	6	LSA44.2 S75	UCI274E	2262×980×1440	1175

GENSETS MODEL	STANDBY POWER		PRIME POWER		DEUTZ ENGINE (1800rpm 60HZ)				ALTERNATOR		OPEN TYPE DIMENSION & WEIGHT		
	KVA	KW	KVA	KW	ENGINE MODEL	Cyl	BORE mm	STROKE mm	DISPLACEMENT L	LEROY SOMER	STAMFORD	LxWxH mm	WEIGHT Kgs
SD39	39	31	35	28	D226B-3D	3L	105	120	3.12	LSA42.2 M7	BCI184F	1800×980×1290	710
SD58	58	46	53	42	TD226B-3D	3L	105	120	3.12	LSA43.2 S25	UCI224D	1800×980×1290	760
SD72	73	58	66	53	TD226B-4D	4L	105	120	4.16	LSA43.2 M45	UCI224E	2240×980×1730	860
SD110	110	88	100	80	TD226B-6D	6L	105	120	6.24	LSA44.2VS3	UCI274C	2240×980×1830	1230
SD148	149	119	135	108	TBD226B-6D	6L	105	120	6.24	LSA44.2 S7	UCI274D	2358×980×1830	1290
SD165	165	132	150	120	TBD226B-6D5	6L	105	120	6.24	LSA44.2S75	UCI274E	2448×980×1830	1340

In order to incorporate the latest technological developments, SUNSHINE reserves the right to change the specifications without notice.

[Http://www.sunshinemach.com](http://www.sunshinemach.com)

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Diesel Generating Sets General Specifications

STANDARD SPECIFICATION

General Features:

- △ Composed of Cummins diesel engine and Stamford alternator
- △ Oil and fuel filter fitted, water separator
- △ Lube-oil drain valve fitted
- △ Electric Starter Charge motor 24 V.D.C
- △ Water-cooled
- △ 8-hours operation base tank
- △ Auto start
- △ Optional soundproof and weatherproof canopy
- △ 3 pole MCCB Delixi breaker/Optional ABB
- △ Operation & Maintenance manual
- △ Special Integrated Steel Base tank and sprayed overall in gloss enamel paint

Voltage Regulation

- △ Voltage regulation maintained within $\pm 0.5\%$
- △ Between 0.8 and 1.0 lagging and unity
- △ From no load to full load
- △ At speed droop variation upto 4.5%

Frequency Adjustable Ratio

- △ Change load from 0-100%, within 1.0% (electric speed regulator), within 4.5% (mechanical speed regulator)

Frequency Undulation

- △ load from 0-100%, frequency undulation within 0.25%
- △ No load wire volts max undulation ration\within 1.8%
- △ Three Phase balanced load in the order of 5%

Effect factor of Telecom

- △ TIF better than 50
- △ THF to IEC60034 Part 40 better than 2%

Engine & Alternator

ENGINE--Industrial 4 stroke cooled diesel engine complete with air, fuel and oil filters, electric starting and charging equipment, engine protection against low water level.

ALTERNATOR--Brushless, self exciting, self regulation, screen protected, drip proof rated in accordance with IEC60034. Voltage regulation maintained within $\pm 0.5\%$ from no load to full load, between 0.8 lagging and unity. All standard voltages available.

COOLING--Radiator and cooling fan complete with protection guards, designed to cool engine at specified output in air temperatures upto 45 °C, radiators suitable for higher temperatures are available. Low water level protection fitted as standard.

ELECTRICAL SYSTEM--24V upto. Axial type starter motor, battery charging alternator, high capacity lead acid battery, and battery tray mounted on the generator base frame, and heavy duty interconnecting cable with terminations.

EXHAUST SYSTEM--Heavy duty industrial exhaust silencer with flexible piping.



Sunshine

Control Panel -Deep Sea DSE702

The base mounted control panel in a vibration isolated sheet steel enclosure. The control panel is equipped as follows:

- a) Instruments: Analogue Voltmeter, Hours Run Meter, Water pressure Meter.
- b) Controls: Emergency Stop Pushbutton, Voltmeter Phase Selector Switch.
- c) Control module: Standard collocation is DEEP SEA Key start Auto start



Main Features:

- △ Engine control, Generator protection
- △ Daily / weekly / monthly exerciser
- △ LED displays

Soundproof canopy

Robust Corrosion Resistant Construction

- △ Black finish stainless steel lock and hinges
- △ body made from steel components treated with polyester powder coating

Excellent Access for Maintenance

- △ two large doors on each side
- △ radiator fill access plate
- △ lube oil and cooling water drains pipes to exterior of the enclosure

Security and Safety

- △ control panel viewing window in a lockable access door
- △ emergency stop push button (red) mounted on enclosure interior
- △ cooling fan and battery charging alternator fully guarded
- △ exhaust silencing system totally enclosed for operator safety

