

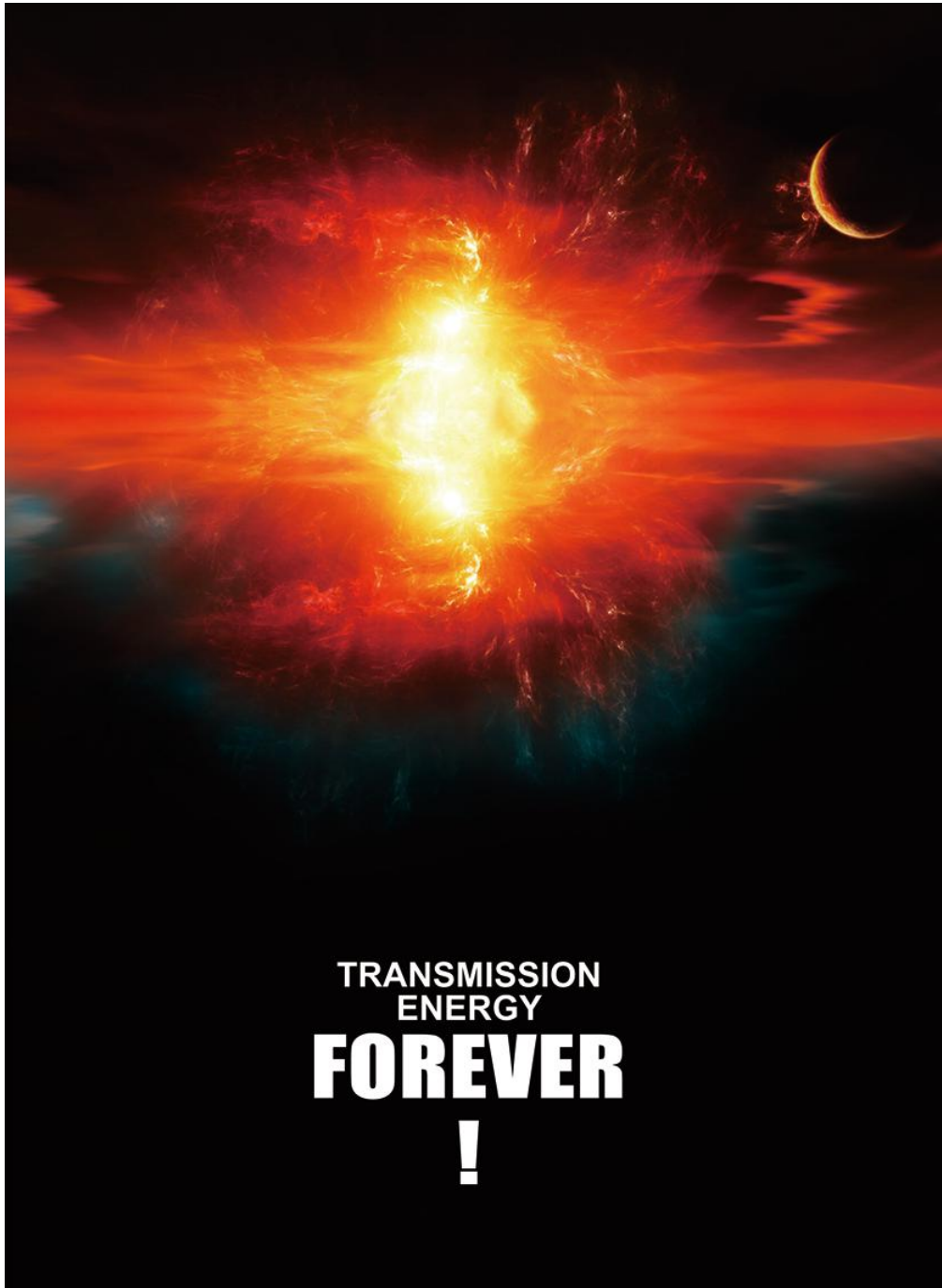
潍坊赛能机械有限公司
Weifang Sunny Power Machinery Co., Ltd.

地址: 中国山东省潍坊市奎文区胜利东街5097号金融服务区1号楼1-1813
Add: 1-1813,8,BUILDING 1,FINANCIAL SERVICE,NO.5097,
SHENGLI EAST STREET,KUIWEN DISTRICT,WEIFANG CITY,
SHANDONG PROVINCE,CHINA.
Tel: +86-536-8366176 Fax: +86-536-8366176
E-mail: wfsunny-machinery@outlook.com



SUNNY POWER

Weifang Sunny Power Machinery Co., Ltd.



TRANSMISSION
ENERGY
FOREVER
!

CONTENTS

- About Us**01
- Diesel Engine Series**03
- Diesel Generating Sets**
 - WEICHAH SERIES05
 - CUMMINS SERIES07
 - LOVOL/ISUZU SERIES09
 - PERKINS SERIES11
 - DEUTZ WATER/AIR COOLED SERIES13
 - SILENT & ATS & TRAILER SERIES15
- Diesel Water Pump Sets**17
- Diesel Engine Spare Parts**19



“服务创造价值”
Services to create value
WEIFANG SUNNY
POWER

ABOUT US ,

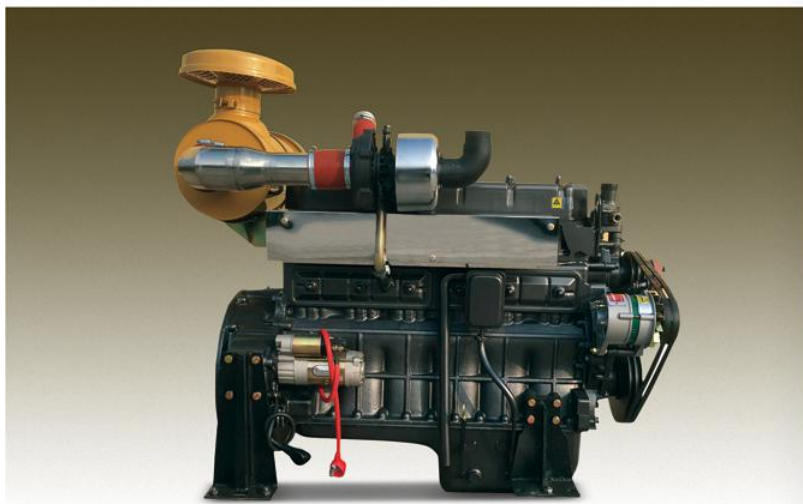
Weifang Sunny Power Machinery CO.,LTD. is located in China Power Center – Weifang City. Our main machinery covers as following:

- 1、 Professionally producing diesel engines 15-318KW,diesel generators 5-2000KW,diesel hydraulic pump station and relative diesel engine driven machinery;
- 2、 Professionally producing high quality diesel engine driven water pumps, fire fighting water pumps, mining pumps, high pressure washing pump station, piston mud pumps, sand pumps and ship used water pumps and relative pump equipments;
- 3、 Professionally assembling diesel engine intelligent CTRL system, which can fulfill automatic control, remote CTRL, remote test, remote message communication, even off duty care.
- 4、 Managing Drilling machinery, drilling tools and spare parts;
- 5、 Producing and managing mining machinery, agricultural machinery and spare parts;
- 6、 Professional producing power machinery wheel trailer, skid mounting base, sound proof case, weather proof case and spare parts.

With professional and experienced workers, supported by strong technology and advanced equipments, we successfully formed strict and perfect production procedure from design, production, testing, to after-service, which guarantee the stable quality and technology innovation. We have been approved by ISO9001 and CE.

Because of good quality and stable performance, we have been working with clients in long term worldwide. Our main markets cover European countries, American countries, Asia, Africa, Australia and so on.

We hope to work with any client, hope to win bilateral benefits.



Parameters of Generating Diesel Engines

*50HZ At 1500/1800RPM

TYPE	RATED OUTPUT/SPEED (kw/r/min)	FUEL CONSUMPTION (g/kw.h)	NET WEIGHT (kg)	ENGINE DIMENSION (LxWxH)mm
495D	26.5/1500	≤256	340	1018x694x930
495ZD	36/1500	≤256	380	1038x686x1063
K4100D	30.1/1500	≤256	340	1018x694x1000
K4100ZD	41.2/1500	≤251	390	1038x696x1063
ZH4100ZD	41.2/1500	≤251	390	1038x696x1083
ZH4102D	33/1500	≤251	340	1038x696x1063
ZH4102ZD	42/1500	≤251	360	1038x696x1083
ZH4105ZD	56/1500	≤251	370	1038x696x1083
ZH4105ZLD	56/1500	≤251	380	1038x696x1083
R4105D	42/1500	≤231	420	930x784x1057
R4105D1	46/1800	≤231	420	930x784x1057
R4105ZD	56/1500	≤231	430	930x619x1158
R4105ZD1	67/1800	≤231	430	930x619x1158
R4105AZLD	66/1500	≤231	450	930x619x1158
R4108D	45/1500	≤231	420	930x784x1057
R4108ZD	60/1500	≤231	430	930x784x1057
R6105D	58/1500	≤231	525	1167x784x1057
R6105D1	68/1800	≤231	525	1167x784x1057
R6105ZD	84/1500	≤231	570	1167x619x1158
R6105ZD1	94/1800	≤231	570	1167x619x1158
R6105ZLD	100/1500	≤218	620	1167x619x1158
R6105AZLD	110/1500	≤218	640	1167x619x1158
R6105IZLD	132/1500	≤218	640	1167x619x1158
R6110ZLD	155/1500	≤218	650	1167x784x1158
R6113ZLD	155/1500	≤228	650	1167x784x1158
6126ZLD	215/1500	≤218	670	1167x784x1158
6126ZLD2	250/1500	≤218	670	1167x784x1158
618D	318/1500	≤218	680	1167x784x1158



WEICHAI
维柴

[DIESEL GENERATING SETS]

WEICHAI SERIES



Parameters of Diesel Generating Sets

*50HZ At 1500RPM

MODEL	RATED OUTPUT (KVA/KW)	ENGINE MODEL	FUEL CONS (g/kwh)	NET WEIGHT (kg)	ENGINE DIMENSION (LxWxH)mm
DEUTZ					
SN-WP24	30/24	D226B-3D	≤ 198	850	1750x800x1200
SN-WP40	50/40	TD226B-3D	≤ 198	920	1900x800x1280
SN-WP50	63/50	WP4D66E200	≤ 198	920	1900x800x1280
SN-WP80	100/80	WP4D100E200	≤ 198	1000	2200x900x1350
SN-WP90/stb		WP4D108E200	≤ 198	1000	2200x900x1350
SN-WP100	125/100	WP6D132E200	≤ 198	1100	2350x900x1445
SN-WP120	150/120	WP6D152E200	≤ 198	1500	2400x930x1540
STEYR					
SN-WP150	188/150	WP10D200E200	≤ 195	1500	2400x930x1540
SN-WP180	225/180	WP10D238E200	≤ 195	1500	2400x930x1540
SN-WP200	250/200	WP10D264E200	≤ 195	1600	2550x1020x1680
SN-WP250	313/250	WP12D317E200	≤ 195	2200	2800x1100x1850
SN-WP300	375/300	WP13D385E200	≤ 195	2300	2800x1100x1850
WEIFANG RICARDO					
SN-8GF	10/8	295D	≤ 265	400	1250x720x900
SN-10GF	13/10	295D	≤ 265	400	1250x720x900
SN-12GF	15/12	2100D	≤ 265	420	1250x720x900
SN-15GF	19/15	495D	≤ 258	450	1400x720x900
SN-20GF	25/20	495D	≤ 258	450	1400x720x900
SN-24GF	30/24	K4100D	≤ 258	720	1700x800x1150
SN-30GF	38/30	K4102D	≤ 258	750	1700x800x1150
SN-30GF	38/30	K4100ZD	≤ 258	790	1700x800x1150
SN-40GF	50/40	K4102ZD	≤ 258	800	1700x800x1150
SN-40GF	50/40	4105ZD	≤ 251	935	1850x800x1200
SN-50GF	63/50	4105ZD	≤ 251	935	1850x800x1200
SN-50GF	63/50	R4105IZD	≤ 251	1035	1900x800x1200
SN-60GF	75/60	R4105IZLD	≤ 251	1035	1900x800x1200
SN-64GF	80/64	R6105ZD	≤ 215	1035	1900x800x1200
SN-75GF	94/75	R6105ZD1	≤ 215	1400	2200x900x1450
SN-100GF	125/100	R6105AZLD	≤ 215	1600	2250x900x1450
SN-120GF	150/120	R6105IZLD	≤ 225	1600	2250x900x1450
SN-150GF	188/150	R6110ZLDS	≤ 228	1700	2450x1020x1550
SN-150GF	188/150	R6113ZLD	≤ 228	1800	2550x1020x1600



Parameters of Diesel Generating Sets

*50HZ At 1500RPM

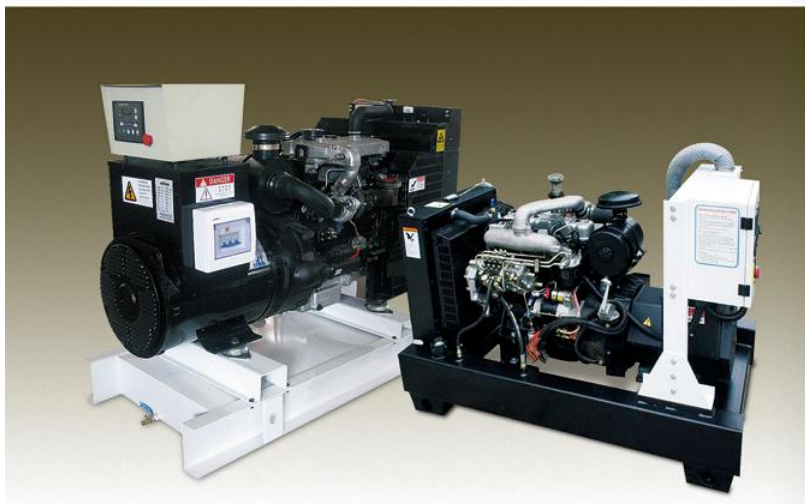
MODEL	RATED OUTPUT (KVA/KW)	ENGINE MODEL	FUEL CONS (L/h)	NET WEIGHT (kg)	ENGINE DIMENSION (LxWxH)mm
SN-C22	27/22	4B3.9-G1	6.5	800	1750x800x1200
SN-C22	27/22	4B3.9-G2	6.5	800	1750x800x1200
SN-C32	40/32	4BT3.9-G1	9.5	800	1750x800x1200
SN-C32	40/32	4BT3.9-G2	9.5	800	1750x800x1200
SN-C36	45/36	4BTA3.9-G2	10.2	920	1900x800x1280
SN-C40	50/40	4BTA3.9-G2	11.28	920	1900x800x1280
SN-C50	63/50	4BTA3.9-G2	12.5	920	1900x800x1280
SN-C72	90/72	6BT5.9-G1	16.2	1000	2200x900x1350
SN-C80	100/80	6BT5.9-G2	18	1000	2200x900x1350
SN-C90	113/90	6BTA5.9-G2	21	1050	2200x900x1445
SN-C100	125/100	6BTA5.9-G2	24	1100	2350x900x1445
SN-C110	138/110	6BTA5.9-G2	24	1100	2350x900x1445
SN-C120	150/120	6CTA8.3-G2	32	1500	2400x930x1540
SN-C150	188/150	6CTA8.3-G2	40	1500	2400x930x1540
SN-C160	200/160	6CTAA8.3-G2	45	1700	2550x1020x1680
SN-C200	250/200	6LATAA8.9-G2	62	1800	2550x1020x1680
SN-C200	250/200	NT855-GA	67	3350	3100x1100x1850
SN-C200	250/200	MTA11-G2A	57	2460	2700x1100x1800
SN-C216	270/215	NT855-GA	74	3350	3100x1100x1850
SN-C220	275/220	NTA855-G1A	84	3350	3100x1100x1850
SN-C250	313/250	NTA855-G1B	94	3350	3100x1100x1850
SN-C250	313/250	MTAA11-G3	62	2850	3100x1100x1850
SN-C280	350/280	NTA855-G2A	94	3350	3100x1100x1850
SN-C280	350/280	NTA855-G4	97	3550	3100x1100x1850
SN-C300	375/300	NTAA855-G7	101	3650	3250x1200x1850
SN-C300	375/300	KTA19-G2	111	3900	3500x1400x1900
SN-C330	413/330	NTAA855-G7A	121	3650	3250x1200x1850
SN-C360	450/360	KTA19-G3	135	3900	3500x1400x1900
SN-C400	500/400	KTA19-G4	148	4100	3500x1450x2050
SN-C440	550/440	KTAA19-G5	151	4100	3500x1450x2050
SN-C450	563/450	KTAA19-G5	162	4100	3500x1450x2050
SN-C480	600/480	KTAA19-G6	168	4200	3590x1620x2100
SN-C500	625/500	KTAA19-G6A	175	4200	3600x1680x2200
SN-C500	625/500	KTAA19-G7	175	7550	4490x2060x2165
SN-C520	660/520	KT38-G	202	6950	4450x1750x2430
SN-C600	750/600	KTA38-G2	216	6950	4450x1750x2430
SN-C640	800/600	KTA38-G2B	243	7150	4490x2060x2165
SN-C720	850/720	KTA38-G2A	280	7150	4490x2060x2165
SN-C800	1000/800	KTA38-G5	284	7550	4490x2060x2165
SN-C900	1125/900	KTA38-G9	256	7550	4490x2060x2165
SN-C1000	1250/1000	KTA50-G3	280	9800	4989x2080x2282
SN-C1120	1400/1120	KTA50-G8	289	10100	5800x2090x2600
SN-C1200	1500/1200	KTA50-GS8	309	12000	5800x2090x2600
SN-C1500	1875/1500	QSK60-G3	370	14000	6000x2260x2780
SN-C1600	2000/1600	QSK60-G4	390	14200	6000x2260x2780



LOVOL
ISUZU

[DIESEL GENERATING SETS]

LOVOL/ISUZU SERIES



Parameters of Diesel Generating Sets

*50HZ At 1500RPM

SN-L LOVOL SERIES SPECIFICATION

MODEL	RATED OUTPUT (KVA/KW)	ENGINE MODEL	FUEL CONS (L/h)	NET WEIGHT (kg)	ENGINE DIMENSION (LxWxH)mm
SN-L18	23/18	1003G	7.1	650	1750x780x1150
SN-L22	28/22	1003G	7.1	650	1750x780x1150
SN-L24	30/24	1003G	7.1	650	1750x780x1150
SN-L30	38/30	1004G	6.1	802	1850x950x1200
SN-L32	40/32	1004G	6.1	802	1850x950x1200
SN-L34	43/34	1004G	6.1	802	1850x950x1200
SN-L30	36/30	1003TG	10.9	802	1750x780x1150
SN-L32	40/32	1003TG	10.9	802	1750x780x1150
SN-L34	43/34	1003TG	10.9	802	1750x780x1150
SN-L40	50/40	1003TG	10.9	802	1750x780x1150
SN-L50	63/50	1004TG	17.1	900	1853x950x1294
SN-L58	73/58	1004TG	17.1	900	1853x950x1294
SN-L68	85/68	1006TG1A	22.1	1043	2013x980x1350
SN-L80	100/80	1006TG2A	23	1095	2013x980x1350
SN-L100	125/100	1006TAG	25	1175	2200x980x1500
SN-L108	135/108	1006TAG	25	1175	2200x980x1500
SN-L120	150/120	1006C-P6TAG2	41	1250	2350x980x1600
SN-L130	163/130	1006C-P6TAG3	43	1250	2350x980x1600
SN-L146	183/146	1006C-P6TAG4	49	1250	2350x980x1600

SN-IS ISUZU SERIES SPECIFICATION

MODEL	RATED OUTPUT (KVA/KW)	ENGINE MODEL	FUEL CONS (L/h)	NET WEIGHT (kg)	ENGINE DIMENSION (LxWxH)mm
SN-IS18	22/18	4JB1	3.76	600	1600x720x900
SN-IS22	28/22	4JB1	4.6	600	1600x720x900
SN-IS25	28/25	4JB1T	4.8	650	1600x720x900
SN-IS30	38/30	4JB1TT	5.4	700	1600x720x900



Perkins

[DIESEL GENERATING SETS]

PERKINS SERIES



Parameters of Diesel Generating Sets

*50HZ At 1500RPM

MODEL	RATED OUTPUT (KVA/KW)	ENGINE MODEL	FUEL CONS (L/h)	NET WEIGHT (kg)	ENGINE DIMENSION (LxWxH)mm
SN-P7	8.1/6.5	403D-11G	2.9	359	1580x810x930
SN-P10	12.5/10	403D-15G	6.8	322	1580x810x930
SN-P16	20/16	404D-22G	5.4	467	1580x810x990
SN-P24	30/24	1103A-33G	7.1	667	1580x810x1165
SN-P27	33.8/27	1103C-33G1	7.8	722	1595x810x1150
SN-P36	45/36	1103A-33TG1	10.7	730	1595x810x1150
SN-P48	60/48	1103A-33TG2	13.9	780	1580x810x1165
SN-P52	65/52	1104A-44TG1	14.8	800	1760x810x1165
SN-P64	80/64	1104A-44TG2	18.7	800	1760x810x1165
SN-P80	100/80	1104C-44TAG2	18.6	905	1865x810x1170
SN-P108	135/108	1006TAG	28	1099	2240x960x1315
SN-P120	150/120	1006TAG2	41	1300	2240x960x1315
SN-P144	180/144	1106C-E66TAG4	43	1300	2345x810x1365
SN-P166	208/166	1306C-E87TAG3	49.1	1300	2240x960x1590
SN-P180	225/180	1306C-E87TAG4	53	2170	2430x960x1590
SN-P200	250/200	1306C-E87TAG6	59.9	2170	2430x960x1590
SN-P280	350/280	2206C-E13TAG2	70.6	3300	3280x1130x1950
SN-P320	400/320	2206C-E13TAG3	81.1	3300	3280x1130x1950
SN-P360	450/360	2506C-E15TAG1	95	3800	3280x1130x1950
SN-P400	500/400	2506C-E15TAG2	105	3940	3310x1180x1950
SN-P480	600/480	2806C-E18TAG1A	118.2	3940	3380x1500x2100
SN-P500	625/500	2806C-E18TAG2	139.8	4706	3380x1500x2100
SN-P550	666/550	2806C-E18TAG3	143	4706	3380x1500x2100
SN-P580	725/580	4006-23TAG2A	155	4706	4450x1750x2350
SN-P640	800/640	4006-23TAG3A	165	4706	4450x1750x2350
SN-P800	1000/800	4008TAG2A	221	7611	4760x1995x2330
SN-P1000	1250/1000	4012-46TWG2A	265	9154	4900x1860x2350
SN-P1100	1375/1100	4012-46TWG3A	258	11580	4900x1860x2350
SN-P1200	1500/1200	4012-46TAG2A	306	11580	5200x2240x2550
SN-P1350	1688/1350	4012-46TAG3A	330	15430	5600x2250x2570
SN-P1460	1825/1460	4016TAG1A	383	15500	5927x2300x3010
SN-P1640	2050/1640	4016TAG2A	434	15500	6011x2300x3010



Parameters of Diesel Generating Sets

*50HZ At 1500RPM

SN-DE DEUTZ WATER COOLED SERIES SPECIFICATION

MODEL	RATED OUTPUT (KVA/KW)	ENGINE MODEL	FUEL CONS (L/h)	NET WEIGHT (kg)	ENGINE DIMENSION (LxWxH)mm
DALIAN DEUTZ					
SN-DE50	63/50	BF4M2012	13.8	1050	2000x750x1300
SN-DE60	75/60	BF4M2012C	16.5	1100	2000x750x1300
SN-DE80	100/80	BF4M1013EC	22.1	1290	2150x750x1550
SN-DE100	125/100	BF4M1013FC	27.2	1380	2150x750x1550
SN-DE120	150/120	BF6M1013EC	32	1560	2510x951x1660
SN-DE140	175/140	BF6M1013FCG2	39.4	1800	2600x1050x1770
SN-DE160	200/160	BF6M1013FCG3	42.8	1820	2600x1100x1700
HUACHAI DEUTZ					
SN-DE180	225/180	BF6M1015-LA GA	42.7	2110	2750x1300x2150
SN-DE200	250/200	BF6M1015C-LA G1A	47.4	2130	2750x1300x2150
SN-DE240	300/240	BF6M1015C-LA G2A	52.2	2540	2850x1300x2150
SN-DE250	313/250	BF6M1015C-LA G3A	59.3	2580	2850x1300x2150
SN-DE280	350/280	BF6M1015C-LA G4	66.4	2680	2850x1300x2150
SN-DE300	375/300	BF6M1015CP-LA G	71.1	2680	2850x1300x2150
SN-DE350	438/350	BF8M1015C-LA G1A	75.9	2960	3060x1480x2100
SN-DE360	450/360	BF8M1015C-LA G2	85.4	3030	3060x1480x2100
SN-DE380	475/380	BF8M1015CP-LA G1A	90	3100	3060x1480x2100
SN-DE400	500/400	BF8M1015CP-LA G2	94.9	3200	3060x1480x2100
SN-DE400	500/400	BF8M1015CP-LA G3	96	3250	3060x1480x2100
SN-DE440	550/440	BF8M1015CP-LA G4	100	3250	3060x1480x2100
SN-DE440	550/440	BF8M1015CP-LA G5	106	3350	3060x1480x2100

SN-DE DEUTZ AIR COOLED SERIES SPECIFICATION

MODEL	RATED OUTPUT (KVA/KW)	ENGINE MODEL	FUEL CONS (L/h)	NET WEIGHT (kg)	ENGINE DIMENSION (LxWxH)mm
SN-DE8A	10/8	F2L912D	2.8	400	1050x773x1015
SN-DE10A	12.5/10	F2L912D	3.2	400	1050x773x1015
SN-DE12A	15/12	F2L912D	3.9	400	1050x773x1015
SN-DE15A	18/15	F3L912D	4.8	510	1300x773x1015
SN-DE20A	25/20	F3L912D	6.5	510	1300x773x1015
SN-DE24A	30/24	F4L912D	7.2	580	1560x773x1020
SN-DE30A	38/30	F4L913D	7.7	580	1560x773x1020
SN-DE32A	40/32	F4L912TD	9.1	610	1644x773x1020
SN-DE40A	50/40	F6L912D	10.9	730	1984x773x1020
SN-DE50A	63/50	F6L912TD	13	830	1990x773x1020
SN-DE64A	80/64	BF6L913D	15.7	900	2000x810x1110
SN-DE75A	94/75	BF6L913CD	17.8	1000	2000x810x1200



SUNNY POWER

[DIESEL GENERATING SETS]

SILENT & ATS & TRAILER SERIES



FEATURES

- Bolted canopy design, easy maintenance, customized steel plate and spray-painted overall in gloss enamel paint sealed canopy, anti-water, dust and dirt etc. With earth protection, emergency stop, external fuel refill excellent cooling system with efficient ventilation and soundproof.
- For emergency power in buildings, an Auto transfer switch(ATS) is essential. The ATS can automatically transfer load from main power to emergency power with our operat or intervention, when the main power fails or voltage drops below 80% of normal voltage, the ATS will start the emergency generator, after a preset time of 10 seconds(adjustable).
- At rated speed. The ATS will transfer load to emergency power with available size ranging from 63A 3200A. There is a switch suitable for every project's need.

ADVANTAGE

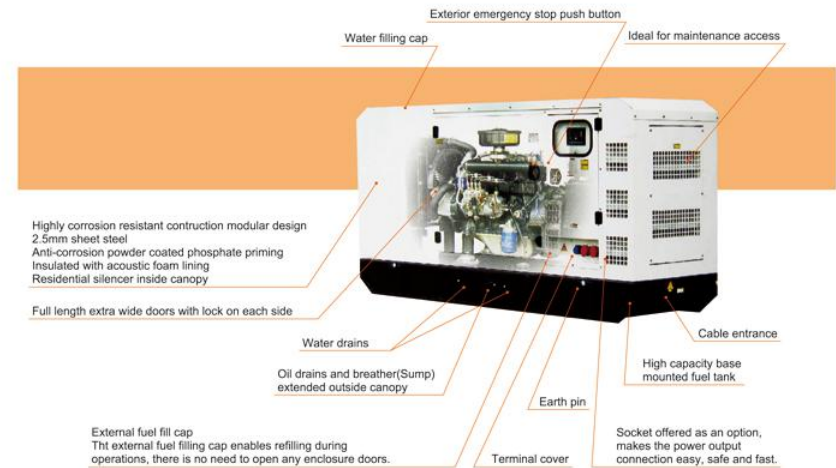
- Neat design for easy transportation
- Outdoor type canopy could be applied in construction site, Desert, Highland, Mine etc.
- Easy operation and maintainance. Safety & security highlight
- High efficient heat condition and low noise level.

SOUNDPROOF AND PACKAGING

REDUCE NOISE WHILE PROTECTING EQUIPMENT

Custom packaging solutions from hongfu offer maximum protection for both your investment and the environment alike

- Sound-attenuating enclosures(85dBA at 1 meter or better)
- Supper silent(75dBA at 1 meter or better)
- Weather housings
- Sub-base fuel tanks
- Wind-rated enclosures
- ISO contains and trailers





Generally the horizontal water pump is powered by diesel engine via flexible shaft connector, equipped with instruments or control cabinet such as ATS, remote control cabinet. Those are widely used in farm irrigation, industrial water pipelines, mining drainage, flood drainage, fire fighting, as well as Automatic watering system. Our diesel water pumps cover outflow 15m³-8200m³/hr and head lift 5m-10000m.

Our new products, remote control diesel water pump sets, are mostly powered by Cummins diesel engine, which can fulfill auto start, auto stop and duty free on spot. The cabinet can send messages of performance and warning to your mobile phone, even more the computer in control room can carry out all operations where there have 2G GPS signals, which means your phone and your computer can operate the diesel water pump sets in world wide anywhere with 2G GPS signals. From this point of view, our diesel water pump sets are functioned to be phones, which are easy for communication, operation, safety and convenient.

Our diesel water pump sets can equip trailer, weather canopy, soundproof case, engine protection box, remote control cabinet, ATS box, batteries, fuel tank, pre-heater and so on. Even more, we can produce according to clients' requirements.



- ① Automatic or Duty free diesel water pump
- ② Auto Twin powered and stable pressure fire fighting system
- ③ Trailer with weather canopy diesel water pump
- ④ Big outflow mining diesel water pump
- ⑤ High pressure water pump
- ⑥ Platform diesel water pump station





[DIESEL ENGINE SPARE PARTS]



四配套
Piston, piston pin,
piston rings, liner



增压器 Turbocharger



飞轮壳 Flywheel housing



活塞 Piston



三滤 Three filters



海淡水交换器
Sea-fresh water heat exchanger



机油冷却器 Oil cooler



消音器进气管 Silencer intake pipe



起动机 Start motor



消音器 Silencer



引射管 Exhaust pipe



水泵 Water pump



转向泵 Guide pump



缸盖 Cylinder head



气门 Air valve



混合泵 Mixer body



连杆瓦 Big end bearing



主轴瓦 Main bearing



停油电磁阀
Fuel cut electromagnetic valve



重庆潍柴CW200/250系列柱塞
Chongqing Weichai CW200/250 Plunger



水温表 Water temperature gauge



连杆 Connecting rod



机油冷却器总成
Oil cooler assembly



喷油器 Injector