

GF1 series Diesel Generating Set



Web: www.landtop.cn Email: sales@landtop.cn Mob: 0086-18059007868

Brief introduction

THE FORMATION INSTRUCTIONS OF DIESEL GENERATING SETS
1)3-24KW series of ordinary diesel generating sets have been provided with high quality water-cooled(condenser)diesel engine, whose engine can work well in every kinds of conditions.

2) The structure of generating sets, the engine has been coupled with alternator through v-belt or coupled directly with alternator, both of them have been installed on the basis of anti-shock pad, The gen-sets has been fixed on the frame of shock pipes which has four wheels.

3)Other features It's easy to operate and maintain, control panel, capacitor type, voltage regulator, no-fuse circuit breaker, over-current protection, wheels type design, double-shaft balance design, electric starting.

OTHER MAIN PERFORMANCE

1) Voltage steady-state regulation $\pm 1\%$ fluctuation ratio 1.5% transient-state regulation -15~20% steady time 5s Frequency steady-state regulation 5% fluctuation ratio 1.5% Transient-regulation $\pm 10\%$ steady time 5s

2)The noise of gen-sets should be no more than 85db(a). The fuel consumption of gen-sets should be no more than 2.5Kg/Kw.h.

Technical data

Type	Power (KW/KVA)	Current(A)	Alternator (KW)	Diesel engine Type	Fuel Consumption (g/kw.h)	Diesel engine power (KW)	Install size (MM)
GF1-3KW	3/3.75	5.4	STC3	R170	270	3.55	900X600X700
GF1-5KW	5/6.25	9	STC5	R185	250	6.75	1000X650X700
GF1-8KW	8/10	14.4	STC8	ZS195	250	10.12	115X750X800
GF1-10KW	10/12.5	18	STC10	ZS1100	250	12.1	1200X750X900
GF1-12KW	12/15	21.7	STC12	ZS1105	250	13.2	1200X750X900
GF1-15KW	15/18.75	27.1	STC15	ZS1115	250	16.5	1200X800X900
GF1-20KW	20/25	36.1	STC20	L30	250	22.06	1200X800X900
GF1-24KW	24/30	43.2	STC24	L33	250	24.3	1200X800X900

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WEIFANG series Diesel Generating Set



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Brief introduction

Shandong weifang is one of the earliest manufacturers producing the diesel engine, its main dominant products: K series, R series, Steyr series, the models introduced technology introduced from Ricardo LANDTOP, their power range is up to 24-347KW. It is the ideal power for supporting the medium and small generating sets, with the visual advantages like low oil consumption, easy start, large power, low discharge, convenient operation and maintenance, etc.

Technical data

Type	Power (KW/KVA)	Current (A)	Alternator (KW)	Diesel engine Type	Fuel Consumption (g/kw.h)	Diesel engine power (KW)	Install size (MM)
LTP-W 10KW	10/12.5	18	STF-10KW	Y480BD	250	14	1150X700X1100
LTP-W 13KW	13/16.3	23.5	STF-13KW	Y485BD	250	17	1150X700X1100
LTP-W 18KW	18/22.5	32.5	STF-18KW	495DS	250	26.5	1150X700X1100
LTP-W 20KW	20/25	36.1	STF-20KW	K4100D	250	30.1	1650X750X1200
LTP-W 24KW	24/30	43.2	STF-24KW	K4100D	250	30.1	1650X750X1200
LTP-W 30KW	30/37.5	54	STF-30KW	K4100ZD	220	42	1700X750X1200
LTP-W 40KW	40/50	72	STF-40KW	4105ZD	220	56	1800X850X1400
LTP-W 50KW	50/62.5	90.1	STF-50KW	4105ZD	220	56	1800X850X1400
LTP-W 75KW	75/93.75	135	STF-75KW	R6105ZD	220	84	2350X900X1500
LTP-W 100KW	100/125	180	STF-100KW	R6105AZLD	220	121	2350X900X1500
LTP-W 120KW	120/150	217	STF-120KW	R6105ZLD	220	132	2400X900X1500
LTP-W 150KW	150/187.5	271	STF-150KW	R6110ZLD	220	170	2500X900X1500
LTP-W 200KW	200/250	360	STF-200KW	6126-42D	220	231	3300X1200X1600
LTP-W 240KW	240/300	432	STF-240KW	WT12D-260	220	260	3400X1200X1600
LTP-W 260KW	260/325	468	STF-260KW	WT12D-308	220	288	3400X1200X1600
LTP-W 300KW	300/375	540	STF-300KW	WT13D-360	220	347	3500X1200X1600

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YUCHAI series Diesel Generating Set



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Brief introduction

Yuchai Machinery Co., Ltd. is the domestic largest specialized manufacturer of diesel engines, its product quality and class presents the place of international brand, the supporting LANDTOP series generating sets have the advantages of compact structure, large power margin, stable operation, perfect speed regulation, low discharge and high reliability, etc., the period of overhaul of engine can exceed 10,000h, they always obtain unanimous approval.

Technical data

Type	Power (KW)	Current (A)	Alternator (KW)	Oil engine	Fuel Consumption (g/kw.h)	Oil engine Power (KW)	Installation size (MM)
LTP-Y 40KW	40/50	72	STF40KW	YC4D60-D21	195	44	1900X700X1300
LTP-Y 50KW	50/62.5	90	STF50KW	YC4D85Z-D20	195	60.5	1900X700X1300
LTP-Y 64KW	64/80	115.2	STF64KW	YC6B100L-D20	195	73.5	2300X800X1300
LTP-Y 80KW	80/100	144	STF80KW	YC6B135Z-D20	195	99	2300X800X1300
LTP-Y 100KW	100/125	180	STF100KW	YC6B155L-D21	195	113	2400X800X1300
LTP-Y 120KW	120/150	217	STF120KW	YC6B180L-D20	195	132	2400X800X1300
LTP-Y 150KW	150/187.5	271	STF150KW	YC6A230L-D20	195	170.5	2600X800X1400
LTP-Y 180KW	180/225	324	STF180KW	YC6L275L-D20	195	202	2600X800X1400
LTP-Y 200KW	200/250	360	STF200KW	YC6M350L-D20	195	258.5	2800X900X1400
LTP-Y 220KW	220/275	396	STF220KW	YC6M390L-D20	195	286	2800X900X1400
LTP-Y 250KW	250/312.5	450	STF250KW	YC6M420L-D20	195	309	3100X900X1500
LTP-Y 300KW	300/375	540	STF300KW	YC6M480L-D20	195	352	3100X900X1500
LTP-Y 350KW	350/437.5	630	STF350KW	YC6T550L-D21	195	405	3300X1100X1600
LTP-Y 400KW	400/500	720	STF400KW	YC6T600L-D20	195	485	3300X1100X1600
LTP-Y 450KW	450/562.5	810	STF450KW	YC6T700L-D20	195	515	3600X1100X1600
LTP-Y 500KW	500/625	900	STF500KW	YC6C1020L-D20	195	748	3600X1100X1600
LTP-Y 550KW	550/687.5	990	STF550KW	YC6C1020L-D20	195	748	3600X1100X1600
LTP-Y 600KW	600/750	1080	STF600KW	YC6C1020L-D20	195	748	4400X1200X1600
LTP-Y 650KW	650/812.5	1170	STF650KW	YC6C1020L-D20	195	748	4400X1200X1600

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LOVOL series Engine Generator Sets



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Brief introduction

Loval engines brand engine is adhering to the LANDTOP Perkins 70 years Powertrain manufacturing experience and the world's leading technology, in the field of global power, met with German Bosch, AVL of Austria, Southwest Research Institute and China Automotive Technology and Research Institute, Tianjin University of domestic and foreign famous internal combustion engine research and development institutions established on the R&D project as the carrier of cooperation, after from the technology introduction, digestion and absorption to the innovation design and development with European ancestry and modern advanced technology of a classical dynamical.

Rated Output: From 24kw to 150kw

Both Open Type and Silent Type are available.

Technical data

3Phase, cosφ=0.8, 230V/440V, 50/60Hz, 1500/1800RPM, Water-Cooled.

Model	Output		Current (A)	Engine	Power	Cylinders	Alternator			Fuel Tank Base
	kW	KVA					Stamford	Meccalte	Landtop	
LTP-L 24	24	30.00	43.34	1003G	28/30.8	3L	P1144F	ECF32-2S/4	184F	8h
LTP-L 30	30	37.50	54.18	1003TG	44/48	3L	P1144H	ECF32-3S/4	184H	8h
LTP-L 40	40	50.00	72.24	1003TG	44/48	3L	UCI224D	ECF32-2L/4	224D	8h
LTP-L 50	50	62.50	90.30	1004TG	65.7/72.3	4L	UCI224E	ECF32-3L/4	224E	8h
LTP-L 64	64	80.00	115.58	1004TG	65.7/72.3	4L	UCI224F	ECF34-1S/4	224F	8h
LTP-L 80	80	100.00	144.48	1006TGI	84.3/92.7	6L	UCI274C	ECF34-2S/4	274C	8h
LTP-L 90	90	112.50	162.54	1006TGI	92.3/102	6L	UCI274D	ECF34-1L/4	274D	8h
LTP-L 100	100	125.00	180.60	1006TAGI	106/116.6	6L	UCI274D	ECF34-2L/4	274D	8h
LTP-L 120	120	150.00	216.72	1006TAG	121/133.1	6L	UCI274E	ECF34-3L/4	274E	8h
LTP-L 130	130	162.50	234.78	1106C-P6TAG3	141/150	6L	UCI274F	ECF38-1SN	274F	8h
LTP-L 150	150	187.50	270.90	1106C-P6TAG4	158/168	6L	UCI274G	ECF38-2SN	274G	8h

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DEUTZ series Diesel Generating Set



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Brief introduction

Well-know that Germany is the heaven of engines such as BMW, Audi, Opel and so on, and Deutz with over 140 years history in Germany is one of these members. No matter what the demands, No matter where in the world, You can find that Deutz is under heavy working in each field who is in need of power generation. The name Deutz has a firm place in the world of machine manufacturers and machine operators.

Deutz in China is a cooperation between Deutz and Weichai Engine Co.,LTD. Who is the most popular and famous engine factory in China. Deutz engine 226B series is fuel-economical, super-powerful, reliable, rigid engine body, durable and safe.

Rated Output: From 25kw to 500kw

Both Open Type and Silent Type are available.

Technical data

Model	Output		Current (A)	Engine	Power	Cylinders	Alternator		Fuel Consumption (l/h)	Fuel Tank Base
	kW	KVA					Stamford	Meccalte		
LTP-D 25	25	31.25	45.15	D226B-3D	30	3L	P1144G	ECP32-25/4	/	8h
LTP-D 34	34	42.50	61.40	TD226B-3D	45	3L	P1144K	ECP32-1/4	/	8h
LTP-D 40	40	50.00	72.24	TD226B-3D	45	3L	UCI224D	ECP32-2/4	/	8h
LTP-D 50	50	62.50	90.30	BF4M2012	54.60	4L	UCI224E	ECP32-1/4	16.9	8h
LTP-D 64	64	80.00	115.58	BF4M2012C	67.5/75	4L	UCI224G	ECP34-1/4	19.3	8h
LTP-D 80	80	100.00	144.48	BF4M1013EC	92/102	4L	UCI274C	ECP34-2/4	25.8	8h
LTP-D 100	100	125.00	180.60	BF4M1013FC	116/129	4L	UCI274D	ECP34-1/4	32.3	8h
LTP-D 120	120	150.00	216.72	BF6M1013EC	138/153	6L	UCI274E	ECP34-2/4	38.5	8h
LTP-D 150	150	187.50	270.90	BF6M1013FCG2	165/183	6L	UCI274G	ECO38-25N	45.9	8h
LTP-D 180	180	225.00	325.08	BF6M1015-LA GA	208/231	6L	UCI274J	ECO38-1LN	47.7	8h
LTP-D 200	200	250.00	361.20	BF6M1015C-LA GA	228/250	6L	UCI274K	ECO38-2LN	51	8h
LTP-D 250	250	312.50	451.50	BF6M1015C-LA GA3	282/314	6L	HCI444D	ECO38-1LN	63	8h
LTP-D 300	300	375.00	541.80	BF6M1015C-LA GA	328/365	6L	HCI444F	ECO40-1S	74	8h
LTP-D 350	350	437.50	632.10	BF6M1015C-LA GA1	388/418	8V	HCI544C	ECO40-3S	87	8h
LTP-D 400	400	500.00	722.40	BF6M1015C-LA GA2	448/490	8V	HCI544D	ECO40-1L	91	8h
LTP-D 450	450	562.50	812.70	BF6M1015C-LA GA4	480/530	8V	HCI544D	ECO40-1.5L	110	8h
LTP-D 500	500	625.00	903.00	BF6M1015C-LA GA5	509/560	8V	HCI544E	ECO40-2L	117	8h

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CUMMINS series Diesel Generating Set



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Technical data

Model	Output		Current (A)	Engine	Power	Cylinders	Alternator		Fuel Consumption (l/h)	Fuel Tank Base
	kW	KVA					Stamford	Meccalte		
LTP-C 20	20	25.00	36.12	4B3.9-G1	24/27	4L	P1144E	ECP28-2/4	8	8h
LTP-C 24	24	30.00	43.34	4B3.9-G1	24/27	4L	P1144F	ECP28-VL/4	8	8h
LTP-C 30	30	37.50	54.18	4B3.9-G1	36/40	4L	P1144G	ECP32-3S/4	11.1	8h
LTP-C 44	44	55.00	79.46	4BTA3.9-G2	50/55	4L	UCI224D	ECP32-1/4	14.5	8h
LTP-C 50	50	62.50	90.30	4BTA3.9-G2	50/55	4L	UCI224E	ECP32-2/4	14.5	8h
LTP-C 75	75	93.75	135.45	6BTA5.9-G1	92	6L	UCI224G	ECP34-1/4	23.5	8h
LTP-C 90	90	112.50	162.54	6BTA5.9-G1	92	6L	UCI274C	ECP34-2/4	25	8h
LTP-C 100	100	125.00	180.60	6BTA5.9-G2	110/121	6L	UCI274D	ECP34-1/4	30	8h
LTP-C 120	120	150.00	216.72	6BTA5.9-G2	120/132	6L	UCI274E	ECP34-2/4	34	8h
LTP-C 150	150	187.50	270.90	6CTA8.3-G2	163/180	6L	UCI274G	ECO38-25N	48	8h
LTP-C 180	180	225.00	325.08	6CTA8.3-G2	183/204	6L	UCI274H	ECO38-3SN	51	8h
LTP-C 200	200	250.00	361.20	6LTA8.3-G2	220/245	6L	UCI274J	ECO38-1LN	58	8h
LTP-C 323	323	403.75	583.34	6ZTA11.3-G3	340/374	6L	HCI444F	ECO40-1S	69.1	8h
LTP-C 400	400	500.00	722.40	6ZTA11.3-G2	390/429	6L	HCI544C	ECO40-3S	87	8h
LTP-C 440	440	550.00	794.64	QSZ11.3-G3	450/490	6L	HCI544D	ECO40-1L	100	8h
LTP-C 220	220	275.00	397.32	NTA85-GA	231/254	6L	UCI274K	ECO38-1LN	53.4	8h
LTP-C 250	250	312.50	451.50	NTA85-G1A	264/291	6L	HCI444D	ECO38-2LN	61.3	8h
LTP-C 280	280	350.00	505.68	NTA111-G3	282/310	6L	HCI444E	ECO38-3LN	63.1	8h
LTP-C 310	310	387.50	559.86	NTA85-G2A	312/343	6L	HCI444F	ECO40-1S	71.9	8h
LTP-C 350	350	437.50	632.10	NTA85-G2A	407	6L	HCI444F	ECO40-2S	85.4	8h
LTP-C 400	400	500.00	722.40	KTA19-G3	403/448	6L	HCI544C	ECO40-3S	97	8h
LTP-C 450	450	562.50	812.70	KTA19-G4	448/504	6L	HCI544D	ECO40-1L	107	8h
LTP-C 520	520	650.00	939.12	KTA19-G8	576	6L	HCI544E	ECO40-1.5L	117	8h
LTP-C 550	550	687.50	993.30	KTAA19-G6A	610	6L	HCI544F	ECO40-2L	118.5	8h
LTP-C 640	640	800.00	1155.84	KTAA19-GA	711	12V	HCI634G	ECO43-1SN	/	8h
LTP-C 700	700	875.00	1264.20	KTAA19-G2B	717/789	12V	HCI634G	ECO43-2SN	170	8h
LTP-C 800	800	1000.00	1444.80	KTAA19-G2B	813/895	12V	HCI634H	ECO43-2SN	191	8h
LTP-C 880	880	1100.00	1589.28	KTAA19-G5	880/970	12V	HCI634J	ECO43-1LN	209	8h
LTP-C 1000	1000	1250.00	1806.00	KTAA19-G5	1089	12V	HCI634K	ECO43-2L	/	8h
LTP-C 1100	1100	1375.00	1986.60	KTAA19-G3	1097/1227	16V	P173AA	ECO43-VL	261	8h

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PERKINS series Engine Generator Sets



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Brief introduction

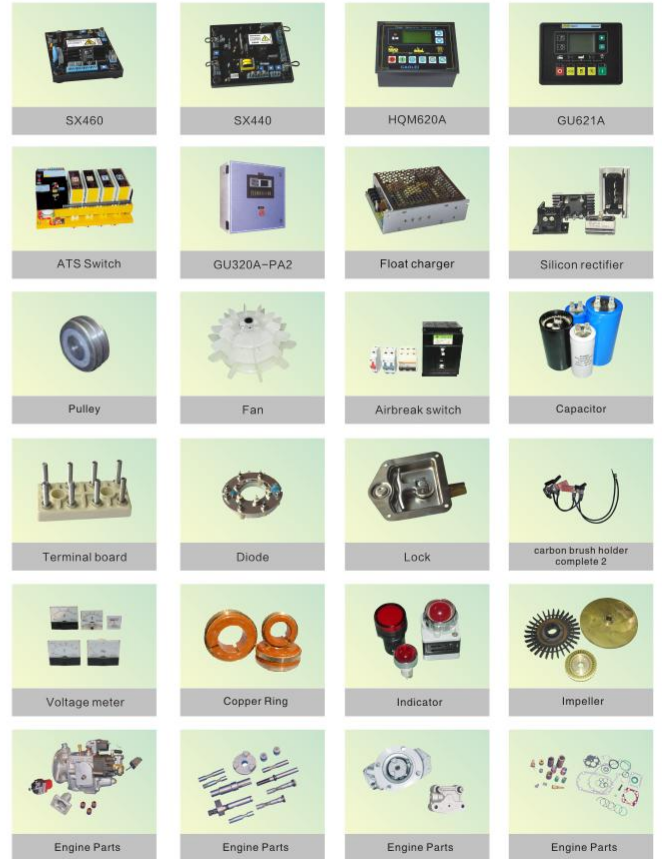
Perkins engine manufacturer is well-known with excellent quality and competitive prices in the world. Their products meet many local or international standards e.g. GB/T2820, Gb1105, YD/T502, ISO3046, ISO828, etc., exhaust accord with USA standards- EPA and CARB. Perkins diesel engine solutions are trusted by more than 1,000 leading manufacturers in industrial, construction, agricultural, materials handling, marine and electrical power generation markets.

Technical data

Type	Power (KW/KVA)	Current (A)	Alternator (KW)	Diesel engine Type	Fuel Consumption (g/kw.h)	Diesel engine power (KW)	Instal size(MM)
LTP-P 22KW	22/27.5	39.6	STF22KW	1003G	250	30.8	1900X700X1200
LTP-P 30KW	30/37.5	54	STF30KW	1004G	250	44	1900X700X1200
LTP-P 36KW	36/45	64.8	STF36KW	1003TG	250	48	1900X700X1200
LTP-P 40KW	40/50	72	STF40KW	1003TG	250	48	2000X800X1300
LTP-P 50KW	50/62.5	90	STF50KW	1004TG	250	72.3	2300X800X1300
LTP-P 58KW	58/72.5	104.4	STF58KW	1004TG	250	72.3	2300X800X1300
LTP-P 80KW	80/100	144	STF80KW	1006TG1A	210	92.7	2500X800X1300
LTP-P 90KW	90/112.5	162	STF90KW	1006TG2A	210	102	2500X800X1300
LTP-P 100KW	100/125	180	STF100KW	1006TAG	210	110	2500X900X1300
LTP-P 120KW	120/150	216	STF120KW	1006TAG	210	134	2680X900X1300
LTP-P 150KW	150/187.5	270	STF150KW	1306-E87TAG1	210	172	2600X960X1450
LTP-P 180KW	180/225	324	STF180KW	1306C-E87TAG3	210	205	3000X1050X1600
LTP-P 200KW	200/250	360	STF200KW	1306-E87TAG1	210	224	3000X1050X1600
LTP-P 250KW	250/312.5	450	STF250KW	2306C-E14TAG1	210	313	3000X1050X1600
LTP-P 280KW	280/350	504	STF280KW	2306C-E14TAG2	210	353	3600X1000X1800
LTP-P 300KW	300/375	540	STF300KW	2306C-E14TAG2	210	353	3600X1000X1800
LTP-P 320KW	320/400	576	STF320KW	2306C-E14TAG3	210	396	3600X1000X1800
LTP-P 350KW	350/437.5	630	STF350KW	2306C-E14TAG3	210	396	3600X1000X1800
LTP-P 400KW	400/500	720	STF400KW	2806C-E18TAG1	210	445	3800X1200X2200
LTP-P 450KW	450/562.5	810	STF450KW	2806C-E18TAG2	210	483	3800X1200X2200
LTP-P 500KW	500/625	900	STF500KW	2806C-E18TAG1	210	558	3800X1200X2200
LTP-P 550KW	550/687.5	990	STF550KW	2806C-E18TAG2	210	618	3800X1200X2200
LTP-P 600KW	600/750	1080	STF600KW	4006-23TAG1A	210	646	4000X1500X2200
LTP-P 650KW	650/812.5	1170	STF650KW	4006-23TAG2A	210	711	4000X1500X2200
LTP-P 700KW	700/875	1260	STF700KW	4006-23TAG3A	210	786	4000X1500X2200
LTP-P 750KW	750/937.5	1350	STF750KW	4008TAG	210	816	5600X2000X2460
LTP-P 800KW	800/1000	1440	STF800KW	4008TAG1	210	877	5600X2000X2460
LTP-P 900KW	900/1125	1620	STF900KW	4008TAG2	210	985	5600X2000X2460
LTP-P 1000KW	1000/1250	1800	STF1000KW	4012TWG2	210	1207	4800X2000X2460
LTP-P 1200KW	1200/1500	2160	STF1200KW	4012TAG1	210	1320	5600X2000X2460
LTP-P 1400KW	1400/1750	2520	STF1400KW	4016TWG2	210	1612	5800X2300X2600
LTP-P 1500KW	1500/1875	2700	STF1500KW	4018TAG	210	1649	6000X2300X2600
LTP-P 1600KW	1600/2000	2880	STF1600KW	4016TAG1A	210	1741	6000X2300X2600

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