



GENERATOR SETS
GENERATOR



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FUJIAN YIHUA ELECTRICAL MACHINERY CO., LTD.



ABOUT YIHUA

Fujian Yihua Electrical Machinery Co., Ltd. was founded in 1994, located in "Generator City of China" — Fu'an City, which is the national key base for all kinds of generators. We are a key enterprise in Fu'an, having our own right of exporting the products.

Our company is committed to pursuing technology innovation, developing and manufacturing various generators and generator sets for decades. Our main products include the following items:

Land & marine used A.C. synchronous generators (ST&STC series single/three phase third-harmonic excitation synchronous generator; TFX series three-phase compound

excitation synchronous generator; TFW2 series three phase brushless synchronous generator); Diesel generator sets (open type, silent type, trailer type and automatic start/stop diesel generator set). These products sell well both at home and abroad.

The TFKX-H three phase compound excitation and TFW-H series brushless synchronous generators have obtained the certifications of China Classification Society (CCS) as well as Register of Fishing Vessel of the People' s Republic of China (ZY). Besides, the land used brush, brushless generators and the diesel generators have got the "CE" certification.

Our company actively implements ISO9001:2000 international quality administration system and we operate the company with the spirit of "Devotion & Creation & Teamwork & Credit" . We focus on the development strategy, take complete quality administration system as the foundation, technology creation as the method and market creation as the target, which leads to a sustainable development of the company. Our company continues to improve our products, and has obtained more than 20 national patents. Our products have won the title of "Outstanding New Products in Fujian Province" , "Customers Satisfied Products in Fujian Province" and "Famous Brand of Fujian Province" .

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YIHUA POWER GENSET

A genset is a device that converts heating energy into mechanical energy and thereafter into electrical energy. Generally speaking, A genset consists of an engine and an alternator coupled and mounted on a common base together with batteries, fuel tank, control panel and a muffler.

Control Panel

The Control Panel is the unit responsible for monitoring and protecting of Yihua gensets. It can be considered the genset "brain": It is placed on the chassis in open versions, or integrated into the canopy or container in soundproof versions. The versatility and reliability are the main features of our control panel, allowing all gensets to be converted into different types of use, by simply changing the panel. Yihua gensets are configured to use both in manual and automatic mode and/or in parallel with other units.



Engine

The diesel engine is an internal combustion engine in which ignition of the fuel that has been injected in the combustion chamber is caused by the high temperature which a gas achieves (i.e. the air) when greatly compressed (adiabatic compression).



Soundproof Cabin

Manufactured in sheet steel, aluminum or stainless steel;
Insulated with sound-absorbing and anti-fire material;
Polyester epoxy paint;
Protection against dust accumulation and sludge, allowing easy cleaning;
Efficient in the airflow to the engine cooling;
Integrated control panel with easy access;
Side doors;
All components painted with polyester paint;
Anti-corrosion treatment;
Easy of lifting and transporting.
Side doors;
All components painted with polyester paint;
Anti-corrosion treatment;
Easy for lifting and transporting.



Baseframe

Engine and alternator mounted on a steel frame;
Anti-vibration system to absorb the vibrations of the engine-genset;
Steel board paint with anti-corrosive treatment;
Lifting System;
Integrated tank.



Automatic Transfer Switch

The Automatic Transfer Switch makes the switching between the main sources (usually the network) and the secondary source (usually the generator), when the main source fails. The Automatic Transfer Switch is automatically operated and is also used to interconnect power gensets operating in alternation. We recommend installing the Automatic Transfer Switch when the power genset operates with an emergency regime.



Alternator

The choice of the alternator depends on the purpose and working conditions of the power genset. The most used alternator by Yihua is Stamford alternator, due to its recognized quality, innovation and reliability. With a wide power range, they are prepared for all configurations and variety of SAE adapters, which facilitate the docking with a wide number of engines.



LETTER OF PATENT & The Honor and Awards



- 2015
 - “The TFKX-H series Marine Three Phase Compound Excitation Synchronous Generator” has been awarded as “Fujian Famous Brand Products” for four successive years
 - Honored as “Fujian Innovative Enterprise”
 - Honored as “Fujian Famous Trademark” for two successive years
 - Model electrical machine export enterprise in quality and safety at National level
- 2014
 - Honored as “Fujian High-tech Enterprise”
 - Honored as “Fujian Superior Enterprise of Intellectual Property Rights”
- 2013
 - Honored as “First-Class Export Industrial Products Classification Management Enterprise”
- 2011
 - Honored as “National High-tech Enterprise”
 - Honored as “Exemplary Faculty’s Family”



SILENT DIESEL GENERATOR SET



SILENT DIESEL GENERATOR SET



SILENT DIESEL GENERATOR SET(ABOVE 500KW)



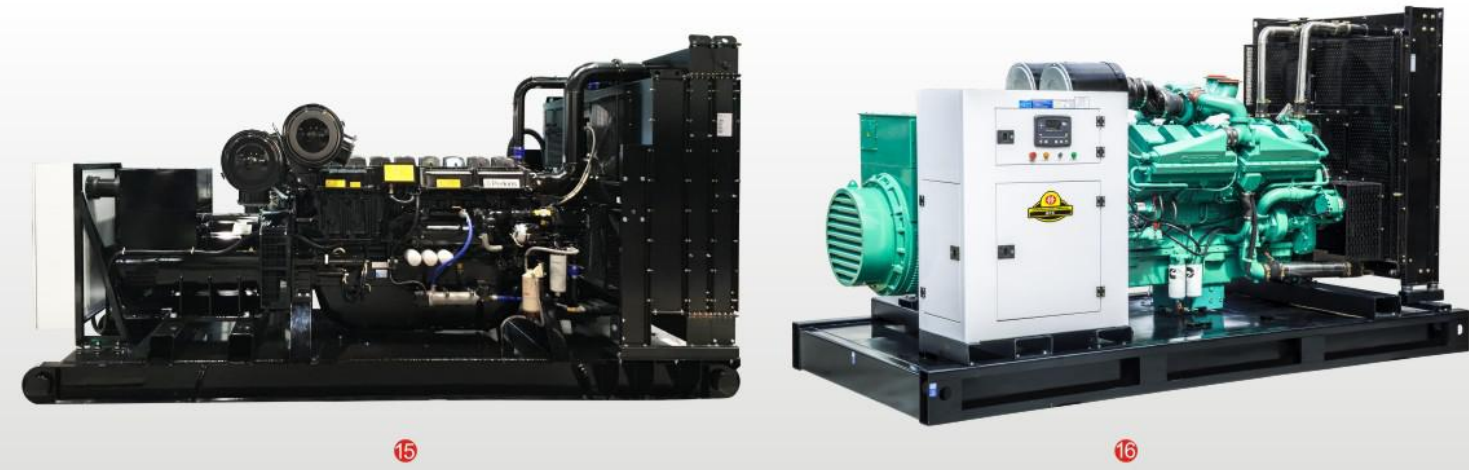
TRAILER DIESEL GENERATOR SET



OPEN TYPE DIESEL GENERATOR SET



OPEN TYPE DIESEL GENERATOR SET(ABOVE 500KW)



YIHUA-CUMMINS

DCEC Series Diesel Generator Sets

CE ISO9001



Power coverage from 16kw~200kw
Model: GF: Open type & GFS: Soundproof/Silent/Super silent type
Engine: DCEC Cummins
Speed: 1500/1800rpm
Alternator: Stamford/Leroy Somer/Marathon/Mecc Alte/YIHUA YHG

IP & Insulation Class: IP22-23 & F/H
Frequency: 50/60HZ
Controller: Deepsea/Comap/Smartgen/DKG/Others
ATS System: Smartgen/ABB/SOCOME/Others
Silent&Super silent Gen-set Sound level: 63-75dB(A) (at 7m side)

YIHUA-CUMMINS DCEC Series Diesel Generator Sets

Technical Data

Generator Set Technical Specification												
Genset Model	Generator Set Performance					Engine Performance			Dim.L*W*H			
	Prime Power		Standby Power		Fre.	Model	Power	Fuel Con.	Open Type	Weight	Silent Type	Weight
	kW	kVA	kW	kVA	Hz							
GF/GFS-C16kW	16	20	17.6	22	50	4B3.9-G1/G2	24	229-245	1700*750*1150	850	1950*830*1200	1250
GF/GFS-C20kW	20	25	22	27.5	50	4B3.9-G1/G2	24	229-245	1700*750*1150	850	1950*830*1200	1290
GF/GFS-C30kW	30	37.5	33	41.3	50	4BT3.9-G1/G2	36	214-229	1820*760*1150	900	2200*950*1200	1350
GF/GFS-C34kW	34	42.5	37.4	46.8	50	4BT3.9-G1/G2	36	214-229	1820*760*1150	950	2200*950*1200	1350
GF/GFS-C40kW	40	50	44	55	50	4BTA3.9-G2	50	213	1950*830*1150	1050	2400*950*1200	1450
GF/GFS-C45kW	45	56.25	49.5	61.9	50	4BTA3.9-G2	50	213	1950*830*1150	1070	2400*950*1200	1450
GF/GFS-C58kW	58	72.5	63.8	79.8	50	4BTA3.9-G11	70	208	2150*880*1350	1120	2700*1100*1450	1800
GF/GFS-C68kW	68	85	74.8	93.6	50	6BT5.9-G1/G2	86	208-214	2150*880*1350	1120	2120*870*1360	1850
GF/GFS-C80kW	80	100	88	110	50	6BT5.9-G2	96	208-214	2150*880*1400	1120	2700*1100*1450	1900
GF/GFS-C90kW	91	113.75	100.1	125.1	50	6BTA5.9-G2	106	211	2350*950*1360	1200	2700*1100*1450	2000
GF/GFS-C100kW	100	125	110	137.5	50	6BTA5.9-G2	106	211	2350*950*1360	1235	2700*1100*1450	2100
GF/GFS-C110kW	110	137.5	121	151.3	50	6BTA5.9-G2	120	203	2350*950*1360	1400	2800*1150*1560	2150
GF/GFS-C128kW	128	160	140.8	176	50	6CTA8.3-G2	163	212	2470*950*1430	1900	3100*1100*1510	2350
GF/GFS-C144kW	144	180	158.4	198	50	6CTA8.3-G2	163	212	2470*950*1430	1900	3100*1100*1510	2400
GF/GFS-C150kW	150	187.5	165	206.3	50	6CTA8.3-G2	163	212	2470*950*1430	2000	3100*1100*1510	2450
GF/GFS-C160kW	160	200	176	220	50	6CTAA8.3-G2	183	205	2600*980*1450	2300	3300*1150*1800	2550
GF/GFS-C180kW	180	225	198	247.5	50	6LTAA8.9-G2	220	242	2600*1000*1450	2400	3300*1150*1800	2700
GF/GFS-C200kW	200	250	220	275	50	6LTAA8.9-G2	220	242	2600*1000*1500	2500	3400*1200*1900	2750
GF/GFS-C20kW	20	25	17.6	22	60	4B3.9-G2	30	229	1700*750*1230	850	1950*830*1110	1250
GF/GFS-C22kW	22	27.5	24.2	30.3	60	4B3.9-G2	30	229	1700*750*1230	850	1950*830*1110	1290
GF/GFS-C30kW	30	37.5	33	41.3	60	4BT3.9-G2	40	214	1820*760*1240	900	2200*950*1310	1350
GF/GFS-C34kW	34	42.5	37.4	46.8	60	4BT3.9-G2	40	214	1820*760*1240	950	2200*950*1310	1350
GF/GFS-C48kW	48	60	52.8	66	60	4BTA3.9-G2	60	213	1950*830*1270	1050	2400*950*1360	1450
GF/GFS-C55kW	55	68.75	60.5	75.6	60	4BTA3.9-G11	80	208	1950*830*1270	1070	2400*950*1360	1450
GF/GFS-C68kW	68	85	74.8	93.5	60	4BTA3.9-G11	80	208	2150*880*1400	1120	2700*1100*1450	1800
GF/GFS-C80kW	80	100	88	110	60	6BT5.9-G2	100	208	2150*880*1400	1120	2700*1100*1450	1850
GF/GFS-C90kW	90	112.5	99	123.8	60	6BT5.9-G2	115	208	2150*880*1400	1120	2700*1100*1450	1900
GF/GFS-C100kW	100	125	110	137.5	60	6BTA5.9-G2	120	211	2350*950*1360	1200	2700*1100*1450	2000
GF/GFS-C110kW	110	137.5	121	151.3	60	6BTA5.9-G2	120	211	2350*950*1360	1235	2700*1100*1450	2100
GF/GFS-C120kW	120	150	132	165	60	6BTA5.9-G2	132	203	2350*950*1360	1400	2800*1150*1560	2150
GF/GFS-C144kW	144	180	158.4	198	60	6CTA8.3-G2	170	212	2470*950*1430	1900	3100*1100*1510	2350
GF/GFS-C150kW	150	187.5	165	206.3	60	6CTA8.3-G2	170	212	2470*950*1430	1900	3100*1100*1510	2400
GF/GFS-C160kW	160	200	176	220	60	6CTA8.3-G2	170	212	2470*950*1430	2000	3100*1100*1510	2450
GF/GFS-C180kW	180	225	198	247.5	60	6CTAA8.3-G2	190	205	2600*980*1450	2300	3300*1150*1800	2550
GF/GFS-C200kW	200	250	220	275	60	6LTAA8.9-G2	235	235	2600*1000*1450	2400	3300*1150*1800	2700
GF/GFS-C220kW	220	275	242	302.5	60	6LTAA8.9-G2	235	235	2600*1000*1500	2500	3400*1200*1900	2750

Note: All the parameter is provided for the convenience of our customers as accurately as possible. YIHUA reserves the right to modify the data at any time

YIHUA-CUMMINS

CCEC Series Diesel Generator Sets

CE ISO9001



Power coverage from 180kw~1260kw
Model: GF: Open type & GFS: Soundproof/Silent/Super silent type
Engine: CCEC Cummins
Speed: 1500/1800rpm
Alternator: Stamford/Leroy Somer/Marathon/Mecc Alte/YIHUA YHG

IP & Insulation Class: IP22-23 & F/H
Frequency: 50/60HZ
Controller: Deepsea/Comap/Smartgen/DKG/Others
ATS System: Smartgen/ABB/SOCOMECC/Others
Silent&Super silent Gen-set Sound level: 70-85dB(A) (at 7m side)

YIHUA-CUMMINS CCEC Series Diesel Generator Sets

Technical Data

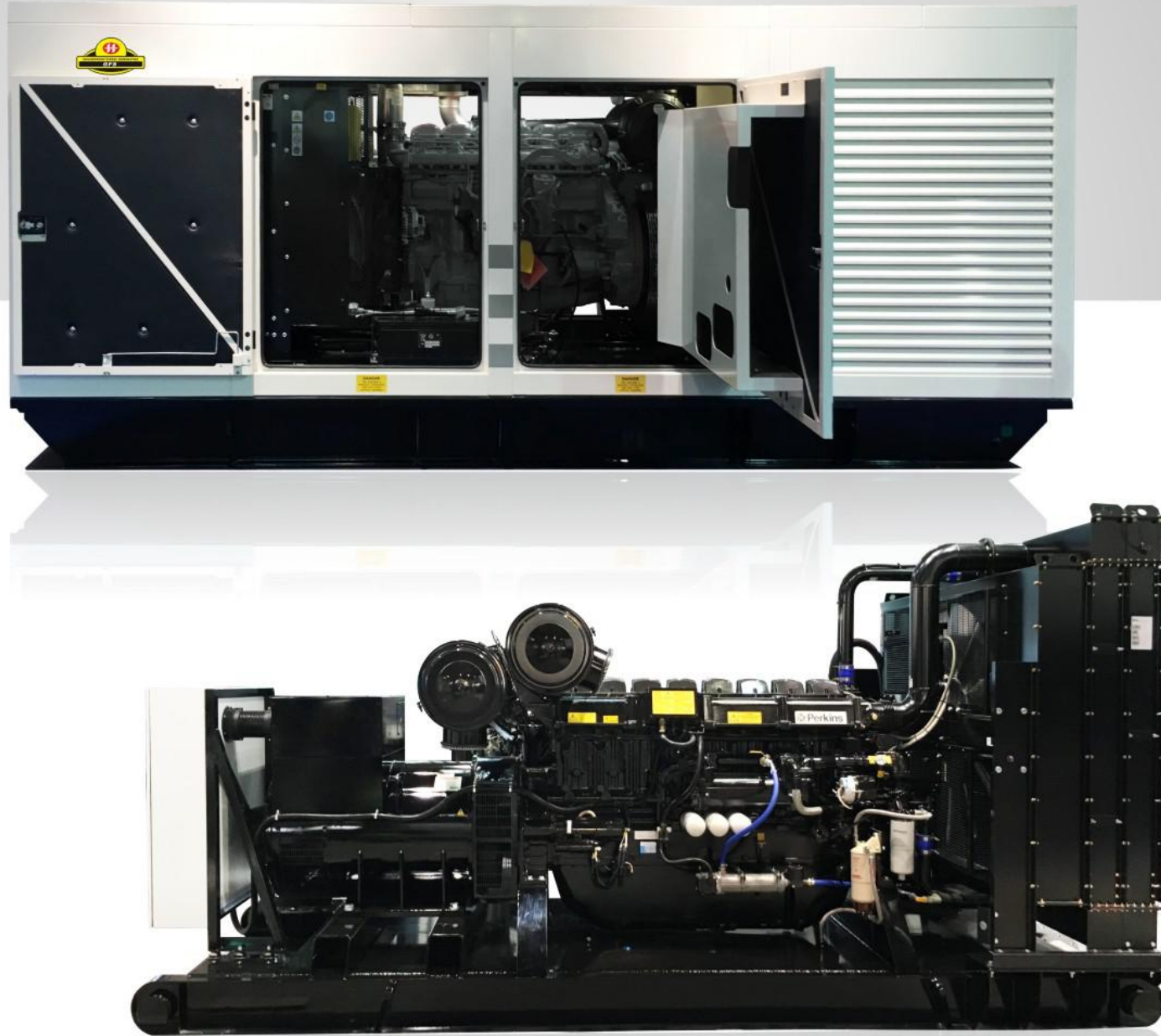
Generator Set Technical Specification												
Genset Model	Generator Set Performance					Engine Performance			Dim.L*W*H			
	Prime Power		Standby Power		Fre.	Model	Power	Fuel Con.	Open Type	Weight	Silent Type	Weight
	kW	kVA	kW	kVA	Hz		kW	L/h	(mm)	(Kg)	(mm)	(Kg)
GF/GFS-C200kW	200	250	220	275	50	NTA855-GA	231	42.7	3000*1100*1800	2500	3500*1300*2000	3300
GF/GFS-C200kW	200	250	220	275	50	NTA855-G1	240	48.9	3000*1100*1800	2700	3500*1300*2000	3500
GF/GFS-C240kW	220	275	250	312.5	50	NTA855-G1A	261	60.44	3000*1100*1800	2700	3500*1300*2000	3500
GF/GFS-C250kW	250	312.5	275	343.8	50	NTA855-G1B	284	61.18	3000*1100*1800	2700	3500*1300*2000	3500
GF/GFS-C275kW	275	343.75	300	375	50	NTA855-G2A	313	64	3000*1100*1800	3000	3500*1300*2000	3700
GF/GFS-C280kW	280	350	310	387.5	50	NTA855-G4	318	65	3000*1100*1800	3050	3500*1300*2000	3900
GF/GFS-C300kW	300	375	330	412.5	50	NTAA855-G7	343	69.9	3000*1100*1800	3100	3500*1300*2000	3900
GF/GFS-C330kW	330	412.5	360	450	50	NTAA855-G7A	377	76.89	3000*1100*1800	3300	3500*1300*2000	4150
GF/GFS-C360kW	360	450	400	500	50	KTA19-G3	403	83.9	3450*1300*1800	4000	3800*1400*2100	5200
GF/GFS-C400kW	400	500	440	550	50	KTA19-G3A	448	90	3450*1300*2000	4200	4200*1400*2200	5400
GF/GFS-C400kW	400	500	440	550	50	KTA19-G4	448	93.2	3850*1300*2000	4300	4200*1400*2200	5500
GF/GFS-C420kW	420	525	505	631.2	50	KTAA19-G5	470	97.9	3850*1300*2000	4600	4500*1400*2200	5900
GF/GFS-C460kW	460	575	520	650	50	KTAA19-G6	520	107.2	3850*1300*2000	4600	4500*1400*2200	5900
GF/GFS-C500kW	500	625	550	687.5	50	KTAA19-G6A	560	116.5	3850*1300*2000	4600	4500*1400*2200	5900
GF/GFS-C500kW	500	625	550	687.5	50	KT38-G	560	116.5	4500*1800*2450	6950	5500*2000*2900	8000
GF/GFS-C590kW	590	737.5	540	675	50	KT38-GA	647	130	4500*1800*2450	6950	5500*2000*2900	8000
GF/GFS-C600kW	600	750	660	825	50	KTA38-G2	664	139.8	4500*1800*2450	7050	5500*2000*2900	8200
GF/GFS-C640kW	640	800	710	887.5	50	KTA38-G2B	711	170	4500*1800*2450	7200	5500*2000*2900	8500
GF/GFS-C720kW	728	910	800.8	1001	50	KTA38-G2A	813	170	4500*1800*2450	7200	5500*2000*2900	8500
GF/GFS-C800kW	800	1000	880	1100	50	KTA38-G5	881	186.4	4800*1950*2400	7900	5800*2140*3080	9500
GF/GFS-C900kW	900	1125	1000	1250	50	KTA38-G9	980	196	5800*2010*2500	8500	6800*2250*3080	10500
GF/GFS-C960kW	960	1200	1100	1375	50	QSK38-G5	1107	220	5800*2010*2500	9000	6800*2250*3080	11000
GF/GFS-C1000kW	1000	1250	1100	1375	50	KTA50-G3	1097	233	5800*2010*2500	8500	6800*2250*3080	10500
GF/GFS-C1100kW	1100	1375	1210	1513	50	KTA50-G8	1200	256.3	5800*2010*2500	9000	6800*2250*3080	11000
GF/GFS-C1260kW	1160	1450	1300	1625	50	KTA50-GS8	1287	273	5800*2010*2500	9000	6800*2250*3080	11000
GF/GFS-C200kW	200	250	220	275	60	NT855-GA	234	49.4	3000*1100*1800	2500	3500*1300*2000	3300
GF/GFS-C250kW	250	312.5	275	343.8	60	NTA855-G1	287	61.18	3000*1100*1800	2700	3500*1100*2000	3500
GF/GFS-C250kW	250	312.5	280	350	60	NTA855-G1B	313	65	3100*1150*1800	3000	3500*1100*2000	3700
GF/GFS-C315kW	315	393.75	346.5	433.1	60	NTA855-G3	358	76.9	3100*1150*1800	3050	3600*1400*2100	3900
GF/GFS-C350kW	350	437.5	385	481.3	60	KTA19-G2	392	85.4	3450*1300*2000	4000	4200*1400*2100	5200
GF/GFS-C410kW	410	512.5	451	563.8	60	KTA19-G3	463	100	3450*1300*2000	4000	4200*1700*2100	5200
GF/GFS-C450kW	450	562.5	500	625	60	KTA19-G3A	507	105	3500*1300*2050	4300	4500*1650*2250	5500
GF/GFS-C450kW	450	562.5	495	618.7	60	KTA19-G4	507	109	3500*1300*2050	4300	4500*1650*2250	5500
GF/GFS-C470kW	470	587.5	550	687.5	60	KTAA 19-G5	533	117	3700*1650*2100	4600	4500*1650*2250	5900
GF/GFS-C550kW	550	687.5	750	937.5	60	KTAA19-G6A	600	128	3700*1650*2100	4600	4500*1650*2250	5900
GF/GFS-C550kW	550	687.5	750	937.5	60	KTA19-G8	600	110	3700*1650*2100	4600	4800*1650*2250	5900
GF/GFS-C620kW	620	775	682	852.5	60	KT38-G	679	144	4500*1800*2450	6950	5500*2000*2500	8000
GF/GFS-C720kW	725	906.25	797.5	996.8	60	KT38-G2	809	169	4500*1800*2450	7050	5500*2000*2500	8200
GF/GFS-C800kW	800	1000	880	1100	60	KT38-G2A	915	186.4	4500*1800*2450	7200	5500*2000*2500	8500
GF/GFS-C900kW	900	1125	990	1237.5	60	KT38-G4	1007	210	4800*1860*2400	7900	5800*2140*2800	9500
GF/GFS-C1000kW	1000	1250	1100	1375	60	KT38-G9	1100	237	5000*1860*2400	8500	5800*2140*2800	10500
GF/GFS-C1000kW	1000	1250	1100	1375	60	QSK38-G5	1107	237	5000*1860*2400	9500	5800*2140*2800	11000
GF/GFS-C1100kW	1100	1375	1210	1512.5	60	KT50-G3	1220	257	6100*2300*2600	12000	7000*2300*3080	14000
GF/GFS-C1250kW	1250	1562.5	1500	1875	60	KT50-G9	1384	297	6100*2300*2600	13000	7000*2300*3080	15000

Note: All the parameter is provided for the convenience of our customers as accurately as possible. YIHUA reserves the right to modify the data at any time

YIHUA-Perkins

Series Diesel Generator Sets

CE ISO9001



Power coverage from 7kw~1800kw
Model: GF: Open type & GFS: Soundproof/Silent/Super silent type
Engine: UK-ENGINE
Speed: 1500/1800rpm
Alternator: Stamford/Leroy Somer/Marathon/Mecc Alte/YIHUA YHG

IP & Insulation Class: IP22-23 & F/H
Frequency: 50/60HZ
Controller: Deepsea/Comap/Smartgen/DKG/Others
ATS System: Smartgen/ABB/SOCOMECC/Others
Silent&Super silent Gen-set Sound level: 63-85dB(A) (at 7m side)

YIHUA-Perkins Series Diesel Generator Sets

Technical Data

Genset Model		Genset Power(kW/kVA)		PERKINS	STAMFORD	Governor
Prime	Fre.	Prime	Standby	Model	Model	M/E
YH-P7.2kW	50HZ	7/9	7/9	403A-11G1	PI044G	Mech.
YH-P10kW	50HZ	10/13	10/13	403A-15G1	PI144D	Mech.
YH-P12kW	50HZ	12/15	12/15	403A-15G2	PI144E	Mech.
YH-P16kW	50HZ	16/20	16/20	404A-22G1	PI144G	Mech.
YH-P7.2kW	50HZ	7.2/9	8/10	403D-11G	PT044E	Mech.
YH-P10.4kW	50HZ	10.4/13	11.2/14	403D-15G	PT044F	Mech.
YH-P16kW	50HZ	16/20	17.6/22	404D-22G	PT144D	Mech.
YH-P21kW	50HZ	21/26	23/29	404D-22TG	PT144F	Mech.
YH-P52kW	50HZ	52/65	57.2/71.5	1104A-44TG1	UCI224F	Mech.
YH-P64kW	50HZ	64/80	70.4/88	1104A-44TG2	UCI224G	Mech.
YH-P64kW	50HZ	64/80	70.4/88	1104C-44TAG1	UCI224G	Elec
YH-P80kW	50HZ	80/100	88/110	1104C-44TAG2	UCI274C	Elec
YH-P120kW	50HZ	120/150	132/165	1106A-70TAG2	UCI274F	Mech.
YH-P144kW	50HZ	144/180	160/200	1106A-70TAG3	UCI274G	Mech.
YH-P160kW	50HZ	160/200	176/220	1106A-70TAG4	UCI274H	Mech.
UK ORIGINAL ENGINE						
YH-P24kW	50HZ	24/30	26.4/33	1103A-33G	PT144G	Mech.
YH-P36kW	50HZ	36/45	40/50	1103A-33TG1	UCI224D	Mech.
YH-P48kW	50HZ	48/60	52.8/66	1103A-33TG2	UCI224E	Mech.
YH-P108kW	50HZ	108/135	120/150	1006TAG	UCI274E	Mech.
YH-P120kW	50HZ	120/150	132/165	1006TAG2	UCI274F	Elec
YH-P144kW	50HZ	144/180	160/200	1106C-E66TAG4	UCI274G	Elec
YH-P166kW	50HZ	166/208	182/228	1306C-E87TAG3	UCD274J	Elec
YH-P188kW	50HZ	188/235	207/258	1306C-E87TAG6	UCD274K	Elec
YH-P200kW	50HZ	200/250	220/275	1306C-E87TAG6	UCD274K	Elec
YH-P240kW	50HZ	240/300	280/350	2206A-E13TAG2	HCI444D	Elec
YH-P260kW	50HZ	260/325	286/358	2206A-E13TAG2	HCI444ES	Elec
YH-P280kW	50HZ	280/350	320/400	2206A-E13TAG2	HCI444FS	Elec
YH-P320kW	50HZ	320/400	360/450	2206A-E13TAG3	HCI444F	Elec
YH-P364kW	50HZ	364/455	400/500	2506A-E15TAG1	HCI544C	Elec
YH-P400kW	50HZ	400/500	440/550	2506A-E15TAG2	HCI544D	Elec
YH-P480kW	50HZ	480/600	528/660	2806A-E18TAG1A	HCI544E	Elec
YH-P520kW	50HZ	520/650	560/700	2806A-E18TAG2	HCI544F	Elec
YH-P584kW	50HZ	584/730	640/800	4006-23TAG2A	HCI634G	Elec
YH-P640kW	50HZ	640/800	720/900	4006-23TAG3A	HCI634G	Elec
YH-P752kW	50HZ	752/940	828/1035	4008TAG2A	HCI634H	Elec
YH-P816kW	50HZ	816/1020	896/1120	4008TAG2A	HCI634J	Elec
YH-P1000kW	50HZ	1000/1250	1100/1375	4012-46TWG2A	PI734A	Elec
YH-P1088kW	50HZ	1088/1360	1200/1500	4012-46TWG3A	PI734B	Elec
YH-P1200kW	50HZ	1200/1500	1320/1650	4012-46TAG2A	PI734C	Elec
YH-P1320kW	50HZ	1320/1650	1456/1820	4012-46TAG3A	PI734D	Elec
YH-P1460kW	50HZ	1460/1825	1600/2000	4016TAG1A	PI734E	Elec
YH-P1600kW	50HZ	1600/2000	1760/2200	4016TAG2A	PI734F	Elec
YH-P1800kW	50HZ	1800/2250	2000/2500	4016-61TRG3	PI734G	Elec
YH-P9kW	60HZ	9/11	9.9/12	403D-11G	PT044E	Mech.
YH-P13kW	60HZ	13/16	14.3/17.6	403D-15G	PT044F	Mech.
YH-P19kW	60HZ	19/24	21/26	404D-22G	PT144D	Mech.
UK ORIGINAL ENGINE						
YH-P28kW	60HZ	28/36	30.8/39.6	404D-22TAG	PI144F	Elec
YH-P50kW	60HZ	50/63	55/69.3	1104D-44TG1	UCI224D	Elec
YH-P75kW	60HZ	75/94	82/103	1104D-E44TAG1	UCI224F	Elec
YH-P90kW	60HZ	90/113	99/125	1104D-E44TAG2	UCI274C	Elec
YH-P87kW	60HZ	87/109	95/120	1106TG1A	UCI224G	Elec
YH-P96kW	60HZ	96/121	120/133	1106TG2A	UCI274C	Elec
YH-P120kW	60HZ	120/150	132/165	1106-5TAG	UCI274D	Elec
YH-P137.5kW	60HZ	125/156	137.5/172	1106D-E66TAG2	UCI274E	Elec
YH-P130kW	60HZ	130/163	143.3/179	1106D-E66TAG3	UCI274E	Elec
YH-P160kW	60HZ	160/200	176/220	1106D-E66TAG4	UCI274F	Elec
YH-P196kW	60HZ	196/245	216/270	1306C-E87TAG4	UCI274H	Elec
YH-P320kW	60HZ	320/400	352/440	2206D-E13TAG2	HCI444ES	Elec
YH-P350kW	60HZ	350/440	385/481	2206D-E13TAG3	HCI444E	Elec
YH-P455 kW	60HZ	455/570	500/625	2506C-E15TAG3	HCI544D	Elec
YH-P550kW	60HZ	550/687	605/756	2506C-E15TAG4	HCI544E	Elec

Note: All the parameter is provided for the convenience of our customers as accurately as possible. YIHUA reserves the right to modify the data at any time

YIHUA-LOVOL

Series Diesel Generator Sets

CE ISO9001



Power coverage from 20kw~160kw
Model: GF: Open type & GFS: Soundproof/Silent/Super silent type
Engine: LOVOL
Speed: 1500/1800rpm
Alternator: Stamford/Leroy Somer/Marathon/Mecc Alte/YIHUA YHG

IP & Insulation Class: IP22-23 & F/H
Frequency: 50/60HZ
Controller: Deepsea/Comap/Smartgen/DKG/Others
ATS System: Smartgen/ABB/SOCOMECE/Others
Silent&Super silent Gen-set Sound level: 63-75dB(A) (at 7m side)

YIHUA-LOVOL Series Diesel Generator Sets

Technical Data

Generator Set Technical Specification												
Genset Model	Generator Set Performance					Engine Performance			Dim.L*W*H			
	Prime Power kW	kVA	Standby Power kW	kVA	Fre. Hz	Model	Power kW	Fuel Con. g/kW.h	Open Type (mm)	Weight (Kg)	Silent Type (mm)	Weight (Kg)
GF/GFS-P20kW	24	30	26	32.5	50	1003C-P3G	28	≤210	1900*850*1150	700	2150*1000*1100	920
GF/GFS-P30kW	30	37.5	33	41.25	50	1003C-P3TG	44	≤205	1900*850*1150	720	2150*1000*1100	940
GF/GFS-P34kW	34	42.5	37.4	46.75	50	1003C-P3TG	44	≤205	1900*850*1150	780	2150*1000*1100	1080
GF/GFS-P30kW	30	37.5	33	41.25	50	1004G	40	≤210	1950*850*1150	1000	2200*1000*1100	1250
GF/GFS-P34kW	34	42.5	37.4	46.75	50	1004G	40	≤210	1950*850*1150	1000	2200*1000*1100	1250
GF/GFS-P48kW	48	60	52.8	66	50	1004C-P4TG	65.7	≤205	2000*900*1180	1030	2300*1000*1100	1280
GF/GFS-P58kW	58	72.5	63.8	79.75	50	1004C-P4TG	65.7	≤205	2000*900*1180	1060	2300*1000*1100	1340
GF/GFS-P68kW	68	85	74.8	93.5	50	1006C-P6TG1A	84.3	≤205	2300*950*1350	1100	2650*1050*1350	1400
GF/GFS-P75kW	75	93.75	82.5	103.125	50	1006C-P6TG1A	84.3	≤205	2300*950*1350	1310	2650*1050*1350	1450
GF/GFS-P80kW	80	100	88	110	50	1006C-P6TG2A	92	≤205	2300*950*1350	1330	2650*1050*1350	1550
GF/GFS-P86kW	86	107.5	94.6	118.25	50	1006C-P6TG2A	92	≤205	2300*950*1350	1360	2650*1050*1350	1600
GF/GFS-P90kW	90	112.5	99	123.75	50	1006C-P6TAG1A	106	≤205	2400*950*1400	1400	2750*1100*1400	1660
GF/GFS-P100kW	100	125	110	137.5	50	1006C-P6TAG1A	106	≤205	2400*950*1400	1420	2750*1100*1400	1720
GF/GFS-P110kW	110	137.5	121	151.25	50	1006C-P6TAG	121	≤205	2400*950*1400	1440	2750*1100*1400	1800
GF/GFS-P120kW	120	150	132	165	50	1106C-P6TAG2	138	≤205	2400*1100*1450	1600	2800*1100*1510	1800
GF/GFS-P130kW	130	162.5	143	178.75	50	1106C-P6TAG3	150	≤205	2400*1100*1450	1700	2800*1100*1510	1900
GF/GFS-P150kW	150	187.5	165	206.25	50	1106C-P6TAG4	168	≤205	2600*1200*1510	1800	3000*1200*1610	2100
GF/GFS-P20kW	24	30	26	32.5	60	1003C-P3G	33	≤210	1900*850*1150	700	2150*1000*1100	920
GF/GFS-P28kW	28	35	26	32.5	60	1003C-P3G	33	≤210	1900*850*1150	720	2150*1000*1100	940
GF/GFS-P30kW	30	37.5	33	41.25	60	1003C-P3TG	50	≤205	1900*850*1150	780	2150*1000*1100	960
GF/GFS-P34kW	34	42.5	37.4	46.75	60	1003C-P3TG	50	≤205	1900*850*1150	780	2150*1000*1100	960
GF/GFS-P40kW	40	50	44	55	60	1003C-P3TG	50	≤205	1900*850*1150	800	2150*1000*1100	960
GF/GFS-P30kW	30	37.5	33	41.25	60	1004G	44	≤210	1950*850*1150	1000	2200*1000*1100	1250
GF/GFS-P34kW	34	42.5	37.4	46.75	60	1004G	44	≤210	1950*850*1150	1000	2200*1000*1100	1250
GF/GFS-P48kW	48	60	52.8	66	60	1004C-P4TG	75.6	≤205	2000*900*1180	1030	2300*1000*1100	1280
GF/GFS-P58kW	58	72.5	63.8	79.75	60	1004C-P4TG	75.6	≤205	2000*900*1180	1060	2300*1000*1100	1340
GF/GFS-P68kW	68	85	74.8	93.5	60	1004C-P4TG	75.6	≤205	2300*950*1350	1100	2650*1050*1350	1400
GF/GFS-P80kW	80	100	88	110	60	1006C-P6TG1A	97.6	≤205	2300*950*1350	1310	2650*1050*1350	1450
GF/GFS-P90kW	90	112.5	99	123.75	60	1006C-P6TG1A	97.6	≤205	2300*950*1350	1330	2650*1050*1350	1550
GF/GFS-P100kW	100	125	110	137.5	60	1006C-P6TG2A	108	≤205	2300*950*1350	1360	2650*1050*1350	1600
GF/GFS-P100kW	100	125	110	137.5	60	1006C-P6TAG1A	121	≤205	2400*950*1400	1400	2750*1100*1400	1660
GF/GFS-P100kW	112	140	123.2	154	60	1006C-P6TAG1A	121	≤205	2400*950*1400	1420	2750*1100*1400	1720
GF/GFS-P120kW	120	150	132	165	60	1006C-P6TAG	134	≤205	2400*950*1400	1440	2750*1100*1400	1800
GF/GFS-P132kW	132	165	145.2	181.5	60	1106C-P6TAG2	155	≤205	2400*1100*1450	1600	2800*1100*1510	1800
GF/GFS-P150kW	150	187.5	165	206.25	60	1106C-P6TAG3	168	≤205	2400*1100*1450	1700	2800*1100*1510	1900
GF/GFS-P160kW	160	200	176	220	60	1106C-P6TAG4	186	≤205	2600*1200*1510	1800	3000*1200*1610	2100

Note: All the parameter is provided for the convenience of our customers as accurately as possible. YIHUA reserves the right to modify the data at any time.

YIHUA-DEUTZ

WATER COOLED Series Diesel Generator Sets

CE ISO9001



Power coverage from 20kw~140kw
Model: GF: Open type & GFS: Soundproof/Silent/Super silent type
Engine: DEUTZ/WEICHAO
Speed: 1500/1800rpm
Alternator: Stamford/Leroy Somer/Marathon/Mecc Alte/YIHUA YHG

IP & Insulation Class: IP22-23 & F/H
Frequency: 50/60HZ
Controller: Deepsea/Comap/Smartgen/DKG/Others
ATS System: Smartgen/ABB/SOCOMECC/Others
Silent&Super silent Gen-set Sound level: 63-75dB(A) (at 7m side)

YIHUA-DEUTZ WATER COOLED Series Diesel Generator Sets

Technical Data

Generator Set Technical Specification								
Genset Model	Generator Set				Fre. Hz	DEUTZ Engine		Stamford Alternator
	Prime Power		Standby power			Engine Model	Power	Alternator Model
	kW	kVA	kW	kVA			kW	
GF/GFS-D20kW	20	25	22	27.5	50	D226B-3D	30	PI144E
GF/GFS-D24kW	24	30	26.4	33	50	D226B-3D	30	PI144G
GF/GFS-D40kW	40	50	44	55	50	WP4D66E200	60	UCI224D
GF/GFS-D50kW	50	62.5	55	68.75	50	WP4D66E200	60	UCI224E
GF/GFS-D68kW	68	85	74.8	93.5	50	WP4D100E200	90	UCI224G
GF/GFS-D80kW	80	100	88	110	50	WP4D100E200	90	UCI274C
GF/GFS-D90kW	90	112.5	99	123.75	50	WP4D118E200	100	UCI274D
GF/GFS-D100kW	100	125	110	137.5	50	WP6D132E200	120	UCI274D
GF/GFS-D120kW	120	150	132	165	50	WP6D152E200	138	UCI274F
GF/GFS-D24kW	24	30	26.4	33	60	D226B-3D	37	P1144E
GF/GFS-D30kW	30	37.5	33	41.25	60	D226B-3D	37	PI144G
GF/GFS-D34kW	34	42.5	37.4	46.75	60	TD226B-3D	51	PI144H
GF/GFS-D40kW	40	50	44	55	60	TD226B-3D	51	PI144J
GF/GFS-D50kW	50	62.5	55	68.75	60	WP4D66E201	60	UCI224D
GF/GFS-D80kW	80	100	88	110	60	WP4D100E201	90	UCI224G
GF/GFS-D90kW	90	112.5	99	123.75	60	WP4D118E201	108	UC274C
GF/GFS-D96kW	96	120	105.6	132	60	WP4D118E201	108	UC274C
GF/GFS-D100kW	100	125	110	137.5	60	WP6D132E201	120	UCI274D
GF/GFS-D120kW	120	150	132	165	60	WP6D158E201	144	UCI274E
GF/GFS-D128kW	128	160	140.8	176	60	WP6D158E201	144	UCI274E
GF/GFS-D140kW	140	175	154	192.5	60	WP6D180E201	180	UCI274E

1. Model: GF: YIHUA brand water cooling Deutz engine open type diesel generator set
GFS: YIHUA brand water cooling Deutz engine silent type diesel generator set
2. Note: All the parameter is provided for the convenience of our customers as accurately as possible. YIHUA reserves the right to modify the data at any time.

YIHUA-DEUTZ

AIR COOLED Series Diesel Generator Sets

CE ISO9001



Power coverage from 10kw~100kw
Model: GF: Open type & GFS: Soundproof/Silent/Super silent type
Engine: DEUTZ/BEINEI
Speed: 1500/1800rpm
Alternator: Stamford/Leroy Somer/Marathon/Mecc Alte/YIHUA YHG

IP & Insulation Class: IP22-23 & F/H
Frequency: 50/60HZ
Controller: Deepsea/Comap/Smartgen/DKG/Others
ATS System: Smartgen/ABB/SOCOMECE/Others
Silent&Super silent Gen-set Sound level: 63-75dB(A) (at 7m side)

YIHUA-DEUTZ AIR COOLED Series Diesel Generator Sets

Technical Data

Generator Set Technical Specification												
Genset Model	Generator Set Performance					Engine Performance						
	Prime power		Standby Power		Fre.	Model	Power	Governing	Intaking	Fuel Con.	Bore/stroke	Displacement
	kW	kVA	kW	kVA	Hz							
YHA-Z10	10	12.5	11	13.8	50	F2L912	14	mechanical	Naturally	238	100/120	1.88
YHA-Z12	12	15	13.2	16.5	50	F2L912	14	mechanical	Naturally	238	100/120	1.88
YHA-Z15	15	18.8	18.5	20.6	50	F3L912	24	mechanical	Naturally	232	100/120	2.828
YHA-Z18	18	22.5	19.8	25	50	F3L912	24	mechanical	Naturally	232	100/120	2.828
YHA-Z20	20	25	22	27.5	50	F3L912	24	mechanical	Naturally	232	100/120	2.828
YHA-Z24	24	30	26.4	33	50	F4L912	32	mechanical	Naturally	228	100/120	3.77
YHA-Z30	30	37.5	33	41	50	F4L912T	41	mechanical	Turbo	228	100/120	3.77
YHA-Z34	34	42.5	36.4	46.8	50	F4L912T	41	mechanical	Turbo	228	100/120	3.77
YHA-Z40	40	50	44	55	50	F6L912	48	mechanical	Naturally	228	100/120	5.655
YHA-Z44	44	48	55	60	50	F6L913	51	mechanical	Naturally	228	102/125	6.128
YHA-Z50	50	62.5	55	69	50	F6L912T	60	mechanical	Turbo	228	100/120	5.655
YHA-Z60	60	75	66	82.5	50	BF6L913ADG	88	electronic	Turbo	228	102/125	6.128
YHA-Z75	75	94	82	102	50	BF6L913ADG	88	electronic	Turbo	228	102/125	6.128
YHA-Z90	90	113	99	124	50	BF6L913CADG	114	electronic	Turbo	220	102/125	6.128
YHA-Z100	100	125	110	137.5	50	BF6L913CADG	114	electronic	Turbo	220	102/125	6.128
YHA-Z12	12	15	13.2	16.5	60	F2L912	17	mechanical	Naturally	238	100/120	1.88
YHA-Z13	13	16.3	14.3	17.9	60	F2L912	17	mechanical	Naturally	238	100/120	1.88
YHA-Z15	15	18.8	18.5	20.6	60	F3L912	29	mechanical	Naturally	232	100/120	2.828
YHA-Z18	18	22.5	19.8	25	60	F3L912	29	mechanical	Naturally	232	100/120	2.828
YHA-Z20	20	25	22	27.5	60	F3L912	29	mechanical	Naturally	232	100/120	2.828
YHA-Z24	24	30	26.4	33	60	F3L912	29	mechanical	Naturally	232	100/120	2.828
YHA-Z30	30	37.5	33	41	60	F4L912	38	mechanical	Naturally	228	100/120	3.77
YHA-Z34	34	42.5	36.4	46.8	60	F4L912T	48	mechanical	Turbo	228	100/120	3.77
YHA-Z40	40	50	44	55	60	F4L912T	48	mechanical	Turbo	228	100/120	3.77
YHA-Z44	44	48	55	60	60	F6L912	60	mechanical	Naturally	229	102/125	4.086
YHA-Z50	50	62.5	55	69	60	F6L912	60	mechanical	Naturally	228	100/120	5.655
YHA-Z54	54	68	60	75	60	F6L913	65	mechanical	Naturally	228	102/125	6.128
YHA-Z60	60	75	66	82.5	60	F6L912T	72	mechanical	Turbo	228	100/120	5.655
YHA-Z80	80	100	88	110	60	BF6L913ADG	106	electronic	Turbo	228	102/125	6.128
YHA-Z90	90	113	99	124	60	BF6L913ADG	106	electronic	Turbo	228	102/125	6.128
YHA-Z100	100	125	110	137.5	60	BF6L913CADG	130	electronic	Turbo	223	102/125	6.128
YHA-Z120	120	150	132	165	60	BF6L913CADG	130	electronic	Turbo	223	102/125	6.128

1. Model: YHA-ZP: YIHUA brand air cooling Deutz engine open type diesel generator set
YHA-ZS: YIHUA brand air cooling Deutz engine silent type diesel generator set
2. Note: All the parameter is provided for the convenience of our customers as accurately as possible. YIHUA reserves the right to modify the data at any time.

YIHUA-YANMAR

Series Diesel Generator Sets

CE ISO9001



YIHUA-YANMAR Series Diesel Generator Sets

Generator sets powered by Yanmar engine

50Hz;1500r/min; power outputs: 8.75-56.25 kVA 60Hz;1800r/min; power outputs: 10-52.5 kVA

GENSET MODEL	YM7	YM8.5	YM10	YM12	YM16	YM25	YM32	YM40	YM45
Continuous output (kW/kVA)	7/8.75	8.5/10.625	10/12.5	12/15.0	16/20	25/31.3	32/40	40/50	45/56.25
Standby output (kW/kVA)	7.7/9.625	9.35/11.7	11/13.75	13.2/16.5	17.6/22	27.5/34.375	35.2/44	44/55	49.55/61.87

Rating definitions

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power and there is no limitation to the annual hour of operation and this model can supply 10% overload power for 1hour in 12 hours

Standby Power Model with Suffix (S)

These ratings are applicable for supplying continuous electrical power (at variable load) in case of auxiliary power facility power failure. No overload is permitted on these ratings. The alternator on this model is continuous rated (as defined in ISO8528-3) at 27.

TECHNICAL DATA

DIESEL ENGINE MODEL	Vertical type, 4-stroke cooled, 1500RPM								
Engine characters	3TNV76	3TNV82A	3TNV88	3TNV8	4T4TNV8	4T4TNV98	4TNV98T	4TNV106	4YNV106T
Standby output (kW)	9	11	13.8	15.8	21.3	34.6	41.9	49.4	56
Aspiration				Turbo	Turbo	Natural	Turbo	Natural	Turbo
Bore (mm) * stroke (mm)	76*82	82*84	88*90	84*90	84*91	98*110	98*110	106*125	106*125
No. of cylinder	3	3	3	3	4	4	4	4	4
Displacement (lit)	1.116	1.33	1.642	1.496	1.995	3.318	3.318	4.412	4.412
Cooling system	Radiator								
Combustion	IDI			Direct injection					
Starting system	Electric								
ALYERNATOR MODEL	YHG164B	YHG164B	YHG164C	YHG164D	YHG184E	YHG184G	YHG184J	YHG224D	YHG224E
Continuous output (kW/kVA)	8.8/11	8.8/11	10.8/13.5	12.8/16	18/22.5	25/31.3	32/40	40/50	48/60
Power efficiency	79.4%	79.4%	80.7%	81.7%	84.20%	86.2%	87.5%	88.2%	88.8%
Voltage regulation	1.0% with 4% engine governing								
Waveform distortion	Noload <1.5% and non-distorting balanced linear load <5%								
THE/TIF	<2%/50								

MAIN SPECIFICATION OF GENRATOR SETS (60HZ)

GENSET MODEL	YM8	YM10	YM12	YM15	YM20	YM30	YM37.5	YM42	YM50
Continuous output (kW/kVA)	8/10.0	10/12.5	12/15.0	15/48.7	20/25	30/37.5	37.5/46.9	42/52.5	50/62.5
Standby output (kW/kVA)	8.8/11	11/13.75	13.2/16.5	16.5/20.62	22/27.5	33/41.25	41.25/51.59	46.2/57.75	55/68.75

TECHNICAL DATA

DIESEL ENGINE MODEL	3TNV76	3TNV82A	3TNV88	3TNV8	4T4TNV8	4T4TNV98	4TNV98T	4TNV106	4YNV106T
Engine characters	Vertical type, 4-stroke water cooled, 1800RPM								
Standby output (kW)	10.7	13.2	16.3	18.8	26.9	41.2	50.4	58.7	66.9
Aspiration	Natural	Natural	Natural	Turbo	Turbo	Natural	Turbo	Natural	Turbo
Bore (mm) * stroke (mm)	76*82	82*84	88*90	84*90	84*90	98*110	98*110	106*125	106*125
No. of cylinder	3	3	3	3	4	4	4	4	4
Displacement (lit)	1.116	1.33	1.642	1.496	1.995	3.318	3.318	4.412	4.412
Cooling system	Radiator								
Combustion	IDI			Direct injection					
Starting system	Electric								
ALYERNATOR MODEL	YHG164A	YHG164B	YHG164C	YHG164D	YHG184E	YHG184G	YHG184J	YHG224D	YHG224E
Continuous output (kW/kVA)	8.2/10.2	11/13.8	13.5/16.9	16/20	22/28.8	30/37.5	37.5/46.9	42/52.5	50/62.5
Power efficiency	76.2%	79.4%	80.7%	81.7%	84.2%	86.2%	86.3%	87.8%	88.2%
Voltage regulation	1.0% with 4% engine governing								
Waveform distortion	Noload <1.5% and non-distorting balanced linear load <5%								
THE/TIF	<2%/50								

YIHUA-YUCHAI

Series Diesel Generator Sets

CE ISO9001



Power coverage from 30kw~1200kw
Model: GF: Open type & GFS: Soundproof/Silent/Super silent type
Engine: YUCHAI
Speed: 1500/1800rpm
Alternator: Stamford/Leroy Somer/Marathon/Mecc Alte/YIHUA YHG

IP & Insulation Class: IP22-23 & F/H
Frequency: 50/60HZ
Controller: Deepsea/Comap/Smartgen/DKG/Others
ATS System: Smartgen/ABB/SOCOMECC/Others
Silent&Super silent Gen-set Sound level: 63-75dB(A) (at 7m side)

YIHUA-YUCHAI Series Diesel Generator Sets

Technical Data

Technical Parameter of Diesel Generating Set					Diesel Engine		Alternator				
Model	Rated Power		Rated Voltage	Rated Frequency	Engine Model	No. of Cylinder	Model	Rated Power	Rated Current	IP	Protective Grade
	kW	kVA	V	Hz			kW	kW/kVA	(On 400V bases)		
GF/GFS-30/34	30	37.5	220-480	50	YC4D60-D21	4	YHG-30kW	30/37.5	54	23	H
GF/GFS-40	40	50	220-480	50	YC4D60-D21	4	YHG-40kW	40/50	72	23	H
GF/GFS-50	50	62.5	220-480	50	YC4D85Z-D20	4	YHG-50kW	50/62.5	90	23	H
GF/GFS-64	64	80	220-480	50	YC6B100-D20	6	YHG-64kW	64/80	115	23	H
GF/GFS-80	80	100	220-480	50	YC6B135Z-D20	6	YHG-80kW	80/100	144	23	H
GF/GFS-90	90	112.5	220-480	50	YC6B155L-D20	6	YHG-90kW	90/112.5	162	23	H
GF/GFS-100	100	125	220-480	50	YC6B170L-D20	6	YHG-100kW	100/125	180	23	H
GF/GFS-130	130	162.5	220-480	50	YC6A200L-D20	6	YHG-130kW	120/163	234	23	H
GF/GFS-145/150	145	181.25	220-480	50	YC6A230L-D20	6	YHG-150kW	150/187.5	270	23	H
GF/GFS-160	160	200	220-480	50	YC6G245L-D20	6	YHG-160kW	160/200	289	23	H
GF/GFS-180	180	225	220-480	50	YC6M285L-D20	6	YHG-180kW	180/225	325	23	H
GF/GFS-200	200	250	220-480	50	YC6M350L-D20	6	YHG-200kW	200/250	360	23	H
GF/GFS-250	250	312.5	220-480	50	YC6MK420L-D20	6	TFW2-250kW	250/312.5	475	23	H
GF/GFS-300	300	375	220-480	50	YC6T550L-D21	6	TFW2-300kW	300/375	570	23	H
GF/GFS-350	350	437.5	220-480	50	YC6T550L-D21	6	TFW2-350kW	350/437.5	665	23	H
GF/GFS-380	380	475	220-480	50	YC6T600L-D20	6	TFW2-380kW	380/475	686	23	H
GF/GFS-400	400	500	220-480	50	YC6T660L-D20	6	TFW2-400kW	400/500	760	23	H
GF/GFS-450	450	562.5	220-480	50	YC6T700L-D20	6	YHG-450kW	450/562.5	812	23	H
GF/GFS-450	450	562.5	220-480	50	YC6T760L-D20	6	YHG-450kW	450/562.5	812	23	H
GF/GFS-500	500	625	220-480	50	YC6T830L-D20	6	YHG-500kW	500/625	950	23	H
GF/GFS-600	600	750	220-480	50	YC6C1020L-D20	6	YHG-600kW	600/750	1140	23	H
GF/GFS-700	700	875	220-480	50	YC6C1170L-D20	6	YHG-700kW	700/875	1263	23	H
GF/GFS-800	800	1000	220-480	50	YC6C1320L-D20	6	YHG-800kW	800/1000	1443	23	H
GF/GFS-1200	1200	1500	220-480	50	YC12C2040L-D20	6	YHG-1200kW	1200/1500	2165	23	H

Note: All the parameter is provided for the convenience of our customers as accurately as possible.
YIHUA reserves the right to modify the data at any time.

YIHUA-WEIFANG

Series Diesel Generator Sets

CE ISO9001



Power coverage from 20kw~160kw
Model: GF: Open type & GFS: Soundproof/Silent/Super silent type
Engine: TIANHE, KOFO, HUADONG ETC.
Speed: 1500/1800rpm
Alternator: Stamford/Leroy Somer/Marathon/Mecc Alte/YIHUA YHG

IP & Insulation Class: IP22-23 & F/H
Frequency: 50/60HZ
Controller: Deepsea/Comap/Smartgen/DKG/Others
ATS System: Smartgen/ABB/SOCOME/ Others
Silent Gen-set Sound level: 65-75dB(A) (at 7m side)

YIHUA-WEIFENG Series Diesel Generator Sets

Technical Data

Generator Set Technical Specification												
Generator Set Performance						Engine Performance			Dim. L*W*H			
Genset Model	Prime Power		Standby Power		Fre. Hz	Model	Power kW	Fuel Con. g/kW.h	Open Type (mm)	Weight (Kg)	Silent Type (mm)	Weight (Kg)
	kW	kVA	kW	kVA								
GF/GFS-W10	10	12.5	11	13.8	50	SL2100ABD	16	≤257	1350*670*1030	630	1700*900*1150	800
GF/GFS-W12	12	15	13.2	16.5	50	SL2100ABD	16	≤257	1350*670*1030	680	1700*900*1150	850
GF/GFS-W15	15	18.75	16.5	20.6	50	495D	26.5	≤256	1700*630*1000	750	2000*900*1200	900
GF/GFS-W20	20	25	22	27.5	50	495D	26.5	≤256	1700*630*1000	780	2000*900*1200	950
GF/GFS-W24	24	30	26.4	33	50	K4100D	30.1	≤256	1700*630*1000	800	2000*900*1200	990
GF/GFS-W28	28	35	30.8	38.5	50	K4102D	33	≤256	1700*630*1000	850	2250*1000*1300	1050
GF/GFS-W30	30	37.5	33	41.0	50	495ZD	36	≤256	1760*800*1100	900	2250*1000*1300	1100
GF/GFS-W34	34	42.5	37.4	46.8	50	4100ZD	42	≤256	1760*800*1100	950	2250*1000*1300	1170
GF/GFS-W40	40	50	44	55	50	R4102ZD	44	≤256	1850*800*1100	1000	2250*1000*1300	1200
GF/GFS-W50	50	62.5	55	68.8	50	R4105ZD	56	≤231	1850*800*1100	1050	2250*1000*1300	1300
GF/GFS-W58	58	72.5	63.8	79.8	50	R4105AZLD	66	≤231	2200*800*1200	1200	2450*1000*1300	1350
GF/GFS-W75	75	93.75	82.5	103.0	50	R6105ZD	84	≤231	2350*800*1270	1300	2800*1150*1610	1450
GF/GFS-W90	90	112.5	99	123.8	50	R6105ZLD	100	≤231	2350*800*1270	1350	2800*1150*1610	1500
GF/GFS-W100	100	125	110	137.5	50	R6105AZLD	110	≤218	2470*800*1270	1450	2800*1150*1610	1650
GF/GFS-W120	120	150	132	165	50	R6105ZLD	132	≤218	2470*800*1270	1550	2800*1150*1610	1700
GF/GFS-W140	140	175	154	192.5	50	R6110ZLD	165	≤218	2470*800*1270	1500	2800*1150*1610	1800
GF/GFS-W200	200	250	220	275	50	TH6126AZLD	240	≤198	2800*1100*1800	2300	3300*1200*2000	2500
GF/GFS-W250	250	312.5	275	343	50	TH6126ZLD	285	≤198	2900*1100*1800	2650	3400*1200*2000	2800
GF/GFS-W10	10	12.5	11	13.8	60	SL2100ABD	17.3	≤257	1350*670*1030	630	1700*900*1150	800
GF/GFS-W12	12	15	13.2	16.5	60	SL2100ABD	17.3	≤257	1350*670*1030	680	1700*900*1150	850
GF/GFS-W15	15	18.75	16.5	20.6	60	495D8	33	≤256	1700*630*1000	750	200*900*1200	900
GF/GFS-W20	20	25	22	27.5	60	495D8	33	≤256	1700*630*1000	780	200*900*1200	950
GF/GFS-W24	24	30	26.4	33	60	K4100D	34	≤256	1700*630*1000	800	200*900*1200	990
GF/GFS-W28	28	35	30.8	38.5	60	K4100D	34	≤256	1700*630*1000	850	2250*1000*1300	1050
GF/GFS-W30	30	37.5	33	41.3	60	4100ZD	40	≤256	1760*800*1100	900	2250*1000*1300	1100
GF/GFS-W34	34	42.5	37.4	46.8	60	4100ZD	45	≤256	1760*800*1100	950	2250*1000*1300	1170
GF/GFS-W40	40	50	44	55	60	R4102ZD	50	≤256	1850*800*1100	1000	2250*1000*1300	1200
GF/GFS-W50	50	62.5	55	68.8	60	R4105ZD	60	≤231	1850*800*1100	1050	2250*1000*1300	1300
GF/GFS-W58	58	72.5	63.8	79.8	60	R4105AZLD	70	≤231	2250*800*1270	1200	2450*1000*1300	1350
GF/GFS-W75	75	93.75	82.5	103.0	60	R6105ZD	88	≤231	2350*800*1270	1300	2800*1150*1610	1450
GF/GFS-W90	90	112.5	99	123.8	60	R6105ZLD	113	≤231	2350*800*1270	1350	2800*1150*1610	1500
GF/GFS-W100	100	125	110	137.5	60	R6105AZLD	120	≤218	2470*800*1270	1450	2800*1150*1610	1650
GF/GFS-W120	120	150	132	165	60	R6105ZLD	136	≤218	2470*800*1270	1550	2800*1150*1610	1700
GF/GFS-W150	150	187	165	206	60	R6110ZLD	170	≤218	2470*800*1270	1600	2800*1150*1610	1800

1. Mark: ST/STC: Single/three phase A.C Thrice -harmoni A.C.Synchronous Generator (Brush alternator)
TFW2/YHG: Brushless three phase A.C.Synchronous Generator (Brushless alternator)

2. Note: All the parameter is provided for the convenience of our customers as accurately as possible.
YIHUA reserves the right to modify the data at any time.

YIHUA-FOTON

ISUZU Series Diesel Generator Sets

CE ISO9001



YIHUA-YANGDONG

Series Diesel Generator Sets

CE ISO9001



The Foton series diesel engines are based on the technology indraught, assimilation and incorporation from ISUZU. The AVL company improve its design further. The volume of the engine is small, and the structure is compact.

Power coverage from 15kW~36kW

Model: GF: Open type & GFS: Soundproof/Silent/Super silent type

Engine: ISUZU

Speed: 1500/1800rpm

Alternator: Stamford/Leroy Somer/Marathon/Mecc Alte/YIHUA YHG

IP & Insulation Class: IP22-23 & F/H

Frequency: 50/60HZ

Controller: Deepsea/Comap/Smartgen/DKG/Others

ATS System: Smartgen/ABB/SOCOMECE/Others

Silent&Super silent Gen-set Sound level: 63-75dB(A) (at 7m side)

Technical Data

Generator Set Technical Specification												
Genset Model	Generator Set Performance					Engine Performance			Dim. L*W*H			
	Prime Power		Standby Power		Fre. Hz	Model	Power kW	Fuel Con. L/h	Open Type (mm)	Weight (Kg)	Silent Type (mm)	Weight (Kg)
	kW	kVA	kW	kVA								
GF/GFS-U15	15	18.8	18.5	20.6	50	4JB1	24	5.6	1750*700*1010	650	1840*770*1015	770
GF/GFS-U20	20	25	22	27.5	50	4JB1	24	5.6	1750*700*1010	660	1840*770*1015	820
GF/GFS-U24	24	30	26.4	33	50	4JB1T	28	6.4	1750*700*1015	680	1840*775*1020	850
GF/GFS-U30	30	37.5	33	41	50	4JB1TA	36	6.8	1850*700*1150	780	2000*800*1250	950
GF/GFS-U20	20	25	22	27.5	60	4JB1	28	6.5	1750*700*1010	650	1840*770*1015	770
GF/GFS-U24	24	30	26.4	33	60	4JB1	28	6.5	1750*700*1010	660	1840*770*1015	820
GF/GFS-U30	30	37.5	33	41	60	4JB1T	34	7.8	1750*700*1015	680	1840*775*1020	850
GF/GFS-U36	36	45	40	50	60	4JB1TA	43	7.9	1850*700*1150	780	2000*800*1250	950

Note: All the parameter is provided for the convenience of our customers as accurately as possible. YIHUA reserves the right to modify the data at any time.

Technical Data

Generator Set Technical Specification												
Genset Model	Generator Set Performance					Engine Performance			Dim. L*W*H			
	Prime Power		Standby Power		Fre. Hz	Model	Power kW	Fuel Con. g/kW.h	Open Type (mm)	Weight (Kg)	Silent Type (mm)	Weight (Kg)
	kW	kVA	kW	kVA								
GF/GFS-Y8	8	10	8.8	11	50	YD380D	10	≤245	1520*670*1110	500	1700*900*1130	640
GF/GFS-Y10	10	12.5	11	13.8	50	YD385D	12	≤240	1520*670*1110	520	1700*900*1130	690
GF/GFS-Y12	12	15	13.2	16.5	50	YD480D	14	≤240	1520*670*1110	540	1800*900*1130	740
GF/GFS-Y14	14	17.5	15.4	19.3	50	YND485D	17	≤230	1540*670*1110	560	1800*900*1130	760
GF/GFS-Y16	16	20	17.6	22	50	YSD490D	21	≤225	1540*750*1130	586	2060*910*1150	780
GF/GFS-Y20	20	25	22	27.5	50	Y490PD	24	≤225	1660*750*1130	610	2060*910*1150	840
GF/GFS-Y24	24	30	26.4	33	50	Y4100D	31.5	≤223	1700*750*1130	700	2060*910*1150	880
GF/GFS-Y26	28	35	30	37	50	Y4102D	33	≤220	1700*750*1130	720	2060*910*1150	906
GF/GFS-Y30	30	37.5	33	41	50	Y4105D	38	≤215	1740*750*1130	793	2200*100*1200	1100
GF/GFS-Y9	9	11	10	12.5	60	YD380D	12	≤245	1520*670*1110	500	1700*900*1130	640
GF/GFS-Y10	10	12.5	11	13.7	60	YD380D	12	≤245	1520*670*1110	500	1700*900*1130	650
GF/GFS-Y11	11	13.7	12	15	60	YD385D	14.4	≤240	1520*670*1110	520	1700*900*1130	710
GF/GFS-Y12	12	15	13.2	16.5	60	YD480D	17	≤240	1520*670*1110	520	1700*900*1130	710
GF/GFS-Y14	14	17.5	15.4	19.3	60	YD480D	17	≤240	1520*670*1110	525	1700*900*1130	715
GF/GFS-Y15	15	18.8	16.5	20	60	YD485D	18	≤240	1520*670*1110	540	1800*900*1130	740
GF/GFS-Y16	16	20	17.6	22	60	YND485D	20	≤230	1540*670*1110	560	1800*900*1130	760
GF/GFS-Q18	20	25	22	27.5	60	YND490D	23	≤225	1540*750*1130	586	2060*910*1150	780
GF/GFS-Q20	24	30	26.4	33	60	Y490PD	28	≤225	1660*750*1130	610	2060*910*1150	840
GF/GFS-Q24	30	37.5	33	41	60	Y4100D	38	≤223	1700*750*1130	700	2060*910*1150	880
GF/GFS-Q30	32	40	35.2	44	60	Y4102D	39.6	≤220	1700*750*1130	720	2060*910*1150	906
GF/GFS-Q32	40	50	44	55	60	Y4102ZD	48	≤215	1740*750*1130	793	2200*100*1200	1100

Note: All the parameter is provided for the convenience of our customers as accurately as possible. YIHUA reserves the right to modify the data at any time.

YIHUA SUPER SILENT

Series Diesel Generator Sets

CE ISO9001



The XICHAO diesel engine belongs to FAWDE-world's largest producer of diesel engine, with advanced technology on the design. The volume of the engine is small, structure is compact, low noise and more stable.

Power coverage from 10-30kW

Model: GFSS Super silent type

Engine: XICHAO

Speed: 1500/1800rpm

Alternator: Stamford/Leroy Somer/Marathon/Mecc Alte/YIHUA YHG

IP & Insulation Class: IP22-23 & H

Frequency: 50/60Hz

Controller: Deepsea/ComAp/Smartgen/DKG/Others

ATS System: Smartgen/ABB/SOCOMECC/Others

Super silent Gen-set Sound level: 63 dB(A) (at 1m side)

Technical Data

Generator set Technical specification										
Genset Model	generator set performance					Engine Performance			Dim.L*W*H	
	Prime power		Standby power		Fre. Hz	Model	Power kW	Displacement (L)	Size (mm)	Weight (Kg)
	kW	kVA	kW	kVA						
GFSS-10kW	10	12.5	11	13.75	50	4DW81-23D	17	2.27	1810*910*1330	650
GFSS-12kW	12	15	13.2	16.5	50	4DW81-23D	17	2.27	1810*910*1330	670
GFSS-16kW	16	20	17.6	22	50	4DW91-29D	21	2.54	1810*910*1330	710
GFSS-20kW	20	25	22	27.5	50	4DW92-35D	26	2.54	1810*910*1330	740
GFSS-24kW	24	30	26.4	33	50	4DW92-39D	29	2.54	1810*910*1330	800
GFSS-30kW	30	37.5	33	41.25	50	4DX21-53D	30	3.86	1810*910*1330	860
GFSS-12kW	12	15	13.2	16.5	60	4DW81-28D	20	2.26	1810*910*1330	670
GFSS-16kW	16	20	17.6	22	60	4DW81-28D	20	2.26	1810*910*1330	710
GFSS-20kW	20	25	22	27.5	60	4DW91-38D	28	2.54	1810*910*1330	740
GFSS-24kW	24	30	26.4	33	60	4DW91-38D	28	2.54	1810*910*1330	780
GFSS-30kW	30	37.5	33	41.25	60	4DX21-53D	39	3.86	1810*910*1330	835

YIHUA TRAILER

Series Diesel Generator Sets

CE ISO9001



Technical Data

Model	Rated Power kW	Rated Volt. V	Rated Current A	Fre. Hz	Generator Model	Wheels No.
GT-10	10	400/230	18.1	50/60	TFW2-10	TWO
GT-12	12	400/230	21.6	50/60	TFW2-12	TWO
GT-15	15	400/230	27.2	50/60	TFW2-15	TWO
GT-20	20	400/230	36.1	50/60	TFW2-20	TWO
GT-24	24	400/230	43.3	50/60	TFW2-24	TWO
GT-30	30	400/230	54.1	50/60	TFW2-30	TWO
GT-40	40	400/230	72.1	50/60	TFW2-40	TWO
GT-50	50	400/230	90.2	50/60	TFW2-50	TWO
GT-64	64	400/230	115.8	50/60	TFW2-64	FOUR
GT-75	75	400/230	135.3	50/60	TFW2-75	FOUR
GT-90	90	400/230	162.3	50/60	TFW2-90	FOUR
GT-100	100	400/230	180.4	50/60	TFW2-100	FOUR
GT-120	120	400/230	216.5	50/60	TFW2-120	FOUR
GT-150	150	400/230	271	50/60	TFW2-150	FOUR
GT-200	200	400/230	361	50/60	TFW2-200	FOUR
GT-250	250	400/230	451	50/60	TFW2-250	FOUR
GT-300	300	400/230	541	50/60	TFW2-300	FOUR
GT-320	320	400/230	579.2	50/60	TFW2-320	FOUR
GT-350	350	400/230	633.5	50/60	TFW2-350	FOUR

Special Voltage also available

Note: All the parameter is provided for the convenience of our customers as accurately as possible. YIHUA reserves the right to modify the data at any time.

YIHUA-CCFJ MARINE

Series Marine Generator Sets



These types of generator sets are suitable for sea areas such as draining water ship, tugboat, fishnet ship, freighter and digging-ship etc. to be used as electric power.

THE NATIONAL HIGH-TECH ENTERPRISE & FUJIAN FAMOUS BRAND

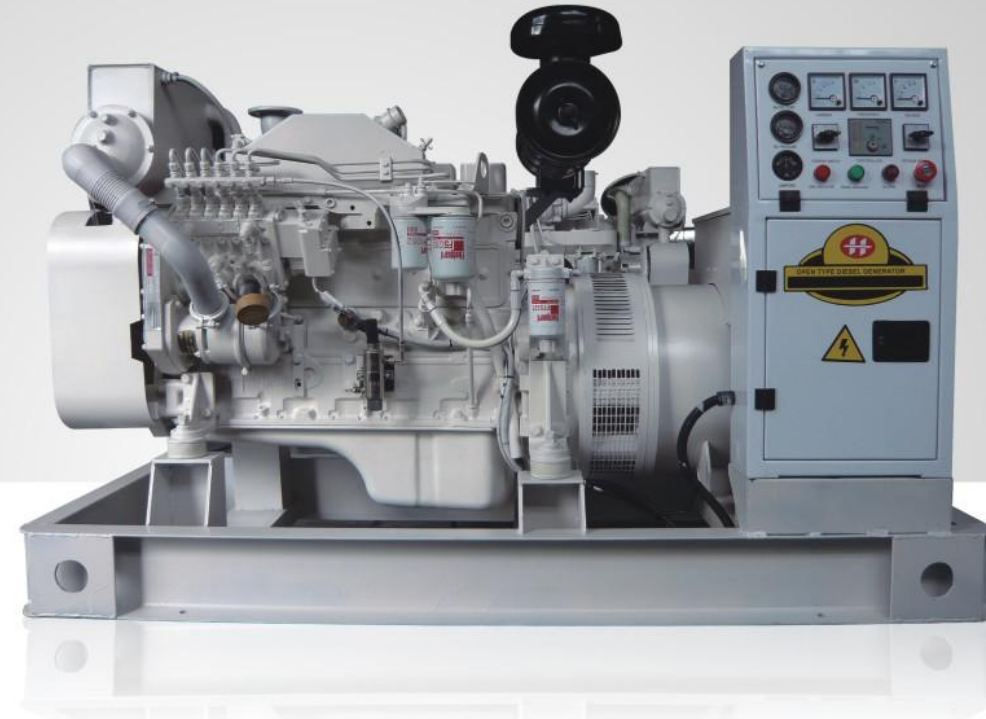
Technical Data

Generator Set		Diesel Engine / Alternator			Overall Dimension and Weight					
Model	Prime Power kW/kVA	Model	UNA Rated Power kW	Engine manufacturer	Type	Rating Power	L	W	H	Weight
						kW/kVA	(mm)	(mm)	(mm)	(kg)
CCFJ-15	15/18.75	495D4	26.5	WEICHAI HUA FENG	Brush/Brushless	15/18.75	1610	750	1130	650
CCFJ-20	20/25	495D4	26.5			20/25	1610	750	1130	680
CCFJ-24	24/30	K4100D4	30			24/30	1610	750	1130	730
CCFJ-30	30/37.5	R4105D4	40			30/37.5	1610	750	1130	770
CCFJ-40	40/50	R4105ZD4	56			40/50	1610	750	1130	850
CCFJ-50	50/62.5	R6105D5	58			50/62.5	2070	1010	1370	950
CCFJ-64	64/80	R6105ZD4	75			64/80	2070	1010	1370	1050
CCFJ-75	75/93.75	R6105ZLD4	100			75/93.75	2070	1010	1370	1090
CCFJ-90	90/112.5	R6105AZLD4	110			90/112.5	2070	1010	1370	1150
CCFJ-100	100/125	R6105IZLD4	132			100/125	2200	1100	1450	1200

1.The frequency of above gensets are 50hz.1500rpm.Pls refer to our professional salesman for the details of 60hz gensets.
2.Note: All the parameter is provided for the convenience of our customers as accurately as possible. YIHUA reserves the right to modify the data at any time.

YIHUA-CUMMINS

Series Marine Generator Sets



Technical Data

Genset Model (50HZ)	Prime Power		Standby Power		Current A	Voltage V	Engine Model g/kW.h	Engine Power		Rated Speed rpm	Cyl. Nos
	kW	kVA	kW	kVA				kW	kVA		
CCFJ-30kW	30	38	35	44	54	400	4BTA3.9GM	47	1500	4	
CCFJ-40kW	40	50	45	57	72	400	4BTA3.9GM	47	1500	4	
CCFJ-50kW	50	63	55	69	90	400	6BT5.9GM	83	1500	6	
CCFJ-64kW	64	80	75	94	116	400	6BT5.9GM	83	1500	6	
CCFJ-75kW	75	94	83	104	135	400	6BT5.9GM	83	1500	6	
CCFJ-90kW	90	113	100	125	162	400	6BTA5.9GM	100	1500	6	
CCFJ-100kW	100	125	110	138	181	400	6CT8.3GM	115	1500	6	
CCFJ-130kW	130	163	150	188	235	400	6CTA8.3GM	155	1500	6	
CCFJ-200kW	200	250	220	275	361	400	NTA855G1M	240	1500	6	
CCFJ-250kW	250	313	280	350	451	400	NTA855G2M	284	1500	6	
CCFJ-300kW	300	375	330	413	542	400	KTA19G2M	336	1500	6	
CCFJ-350kW	350	438	400	500	632	400	KTA19G3M	403	1500	6	
CCFJ-400kW	400	500	450	563	722	400	KTA19G4M	448	1500	6	
CCFJ-35kW	35	44	40	50	57	440	4BTA3.9GM	65	1800	4	
CCFJ-45kW	45	57	50	63	74	440	4BTA3.9GM	65	1800	4	
CCFJ-55kW	55	69	65	82	90	440	6BT5.9GM	100	1800	6	
CCFJ-70kW	70	88	80	100	115	440	6BT5.9GM	100	1800	6	
CCFJ-80kW	80	100	92	115	131	440	6BT5.9GM	100	1800	6	
CCFJ-100kW	100	125	110	138	164	440	6BTA5.9GM	120	1800	6	
CCFJ-100kW	100	125	110	138	180	440	6CT8.3GM	129	1800	6	
CCFJ-130kW	130	163	150	188	235	440	6CTA8.3GM	175	1800	6	
CCFJ-250kW	250	313	280	350	410	440	NTA855G1M	287	1800	6	
CCFJ-270kW	270	338	300	375	443	440	NTA855G2M	313	1800	6	
CCFJ-350kW	350	438	400	500	574	440	KTA19G2M	392	1800	6	
CCFJ-400kW	400	500	450	563	656	440	KTA19G3M	463	1800	6	

YIHUA-TFS-H/TFKX-H/TFW-H

Series Marine Generator



TFS-H 8kW~50kW

TFKX-H 10kW~150kW

TFW-H 8kW~400kW

TFS-H 8~50kW

THRICE HARMONIOUS MARINE GENERATOR

TFS-H series marine third-harmonic excitation a.c. synchronous generators are designed for ships based on STC series generators, with excellent electrical, reliable mechanical, strong and durable, easy for maintenance.

TFKX-H 10~150kW

COMPOUND EXCITATION MARINE GENERATOR

TFKX-H series marine compound excitation A.C. Synchronous generators are designed for ships based on TFX series generators, with excellent electrical, reliable mechanical, strong and durable, easy for maintenance.

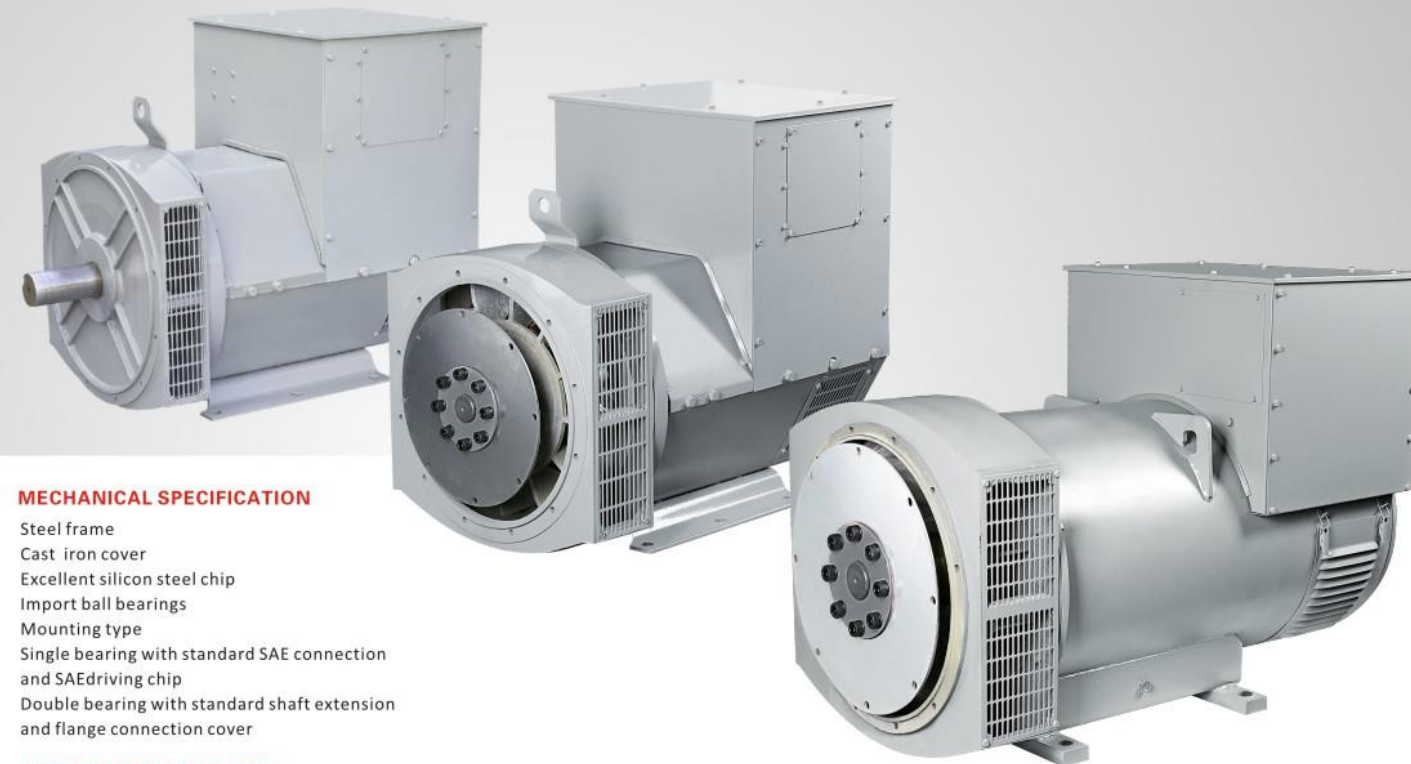
TFW-H 8~400kW

BRUSHLESS MARINE GENERATOR

TFW-H series marine brushless three-phase A.C. synchronous generators are designed for ships based on TFW2 series generators, with excellent electrical, reliable mechanical, strong and durable, easy for maintenance.

YIHUA-YHG

Series Brushless Three-phase A.C. Synchronous Generators



MECHANICAL SPECIFICATION

- Steel frame
- Cast iron cover
- Excellent silicon steel chip
- Import ball bearings
- Mounting type
- Single bearing with standard SAE connection and SAE driving chip
- Double bearing with standard shaft extension and flange connection cover

ELECTRIC PERFORMANCE

The voltage is adjustable for 110V, 220V, 400V, 480V etc. The frequency is 50Hz/60Hz. It is adopted with brushless exciting system. Insulation class:H; Protection class:IP22~23; Steady-state voltage regulation rate $\leq \pm 1\%$; Transient-state voltage $\leq \begin{matrix} +20\% \\ -15\% \end{matrix}$; The line voltage waveform distortion rate $\leq 5\%$; Voltage adjust range $\geq \pm 10\%$ UN; Ambient temperature $\leq \pm 40^\circ\text{C}$; Altitude $\leq 40^\circ\text{C}$; Altitude $\leq 1000\text{m}$; Air relative humidity $\leq 90\%$.

Technical Data

Model	Rated Power kW	Rated Capacity kVA	Fre. Hz	Voltage V
YHG-5	5	6.25	50/60	400
YHG-8	8	10	50/60	400
YHG-10	10	12.5	50/60	400
YHG-12	12	15	50/60	400
YHG-16	16	20	50/60	400
YHG-20	20	25	50/60	400
YHG-24	24	30	50/60	400
YHG-34	34	42.5	50/60	400
YHG-48	48	60	50/60	400
YHG-58	58	72.5	50/60	400
YHG-68	68	85	50/60	400
YHG-80	80	100	50/60	400
YHG-91.2	91.2	114	50/60	400
YHG-112	112	140	50/60	400
YHG-128	128	160	50/60	400
YHG-144	144	180	50/60	400
YHG-150	150	187.5	50/60	400

Model	Rated Power kW	Rated Capacity kVA	Fre. Hz	Voltage V
YHG-160	160	200	50/60	400
YHG-200	200	250	50/60	400
YHG-240	240	300	50/60	400
YHG-280	280	350	50/60	400
YHG-320	320	400	50/60	400
YHG-340	340	425	50/60	400
YHG-360	360	450	50/60	400
YHG-400	400	500	50/60	400
YHG-450	450	562.5	50/60	400
YHG-500	500	625	50/60	400
YHG-550	550	687.5	50/60	400
YHG-600	600	750	50/60	400
YHG-640	640	800	50/60	400
YHG-728	728	910	50/60	400
YHG-800	800	1000	50/60	400
YHG-900	900	1125	50/60	400
YHG-1000	1000	1250	50/60	400

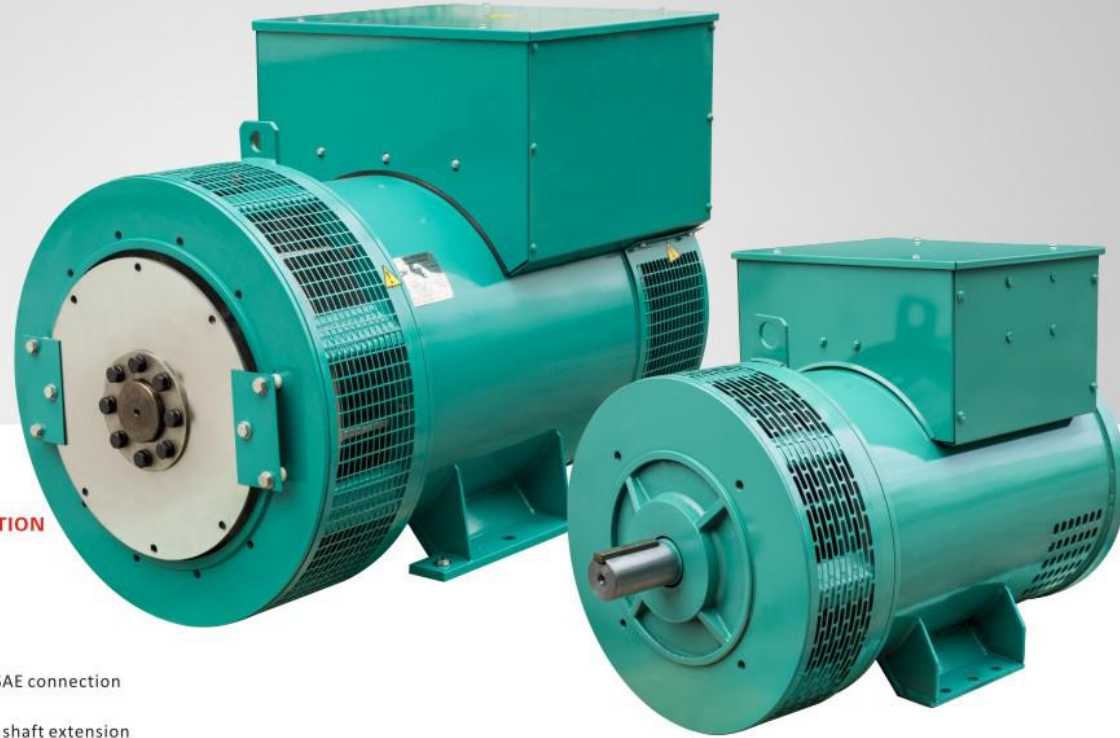
Special voltage also available

Note: All the rating values are base on continuous duty.0.8p.f.Max. Ambient tempreture 40 degree, Max altitude 1000m.

YIHUA-TFW2

Series Brushless Three-phase
A.C.Synchronous Generators

CE ISO9001



MECHANICAL SPECIFICATION

Steel frame
Cast iron cover
Excellent silicon steel chip
Import ball bearings
Mounting type
Single bearing with standard SAE connection
and SAE driving chip
Double bearing with standard shaft extension
and flange connection cover

ELECTRIC PERFORMANCE

The voltage is adjustable for 110V, 220V, 400V, 480V etc. The frequency is 50Hz/60Hz. It is adopted with brushless exciting system.
Insulation class:H; Protection class:IP22~23; Steady-state voltage regulation rate $\leq \pm 1\%$; Transient-state voltage $\leq \begin{matrix} +20\% \\ -15\% \end{matrix}$; The line voltage waveform distortion rate $\leq 5\%$; Voltage adjust range $\geq \pm 10\%$ UN; Ambient temperature $\leq \pm 40^\circ\text{C}$; Altitude $\leq 40^\circ\text{C}$; Altitude $\leq 1000\text{m}$; Air relative humidity $\leq 90\%$.

Technical Data

Model	Rated Power	Rated Capacity	Fre.	Voltage
	kW	kVA		
TFW2-10	10	12.5	50/60	400V
TFW2-12	12	15	50/60	400V
TFW2-16	16	20	50/60	400V
TFW2-20	20	25	50/60	400V
TFW2-24	24	30	50/60	400V
TFW2-30	30	37.5	50/60	400V
TFW2-40	40	50	50/60	400V
TFW2-50	50	62.5	50/60	400V
TFW2-64	64	80	50/60	400V
TFW2-75	75	93.75	50/60	400V
TFW2-90	90	112.5	50/60	400V
TFW2-100	100	125	50/60	400V
TFW2-120	120	150	50/60	400V
TFW2-150	150	187.5	50/60	400V
TFW2-160	160	200	50/60	400V
TFW2-180	180	225	50/60	400V
TFW2-200	200	250	50/60	400V

Special voltage also available

Note: All the rating values are base on continuous duty, 0.8p.f. Max. Ambient temperture 40 degree, Max altitude 1000m.

YIHUA-ST/STC

Series Single/ Three-phase harmonic
A.C.Synchronous Generators

CE ISO9001



ST/STC Series single & three-phase a.c. synchronous generators are mainly designed to serve as power generating unit for lighting purpose in villages, towns, and house-hold electric appliances or standby power. The construction of the generators are salient-pole rotating field, Self excitation with third-harmonic. The generator interior is made of high quality magnetic and electrical materials; and it's easy to maintain.

Pls see the characteristic of ST/STC generators as follows:

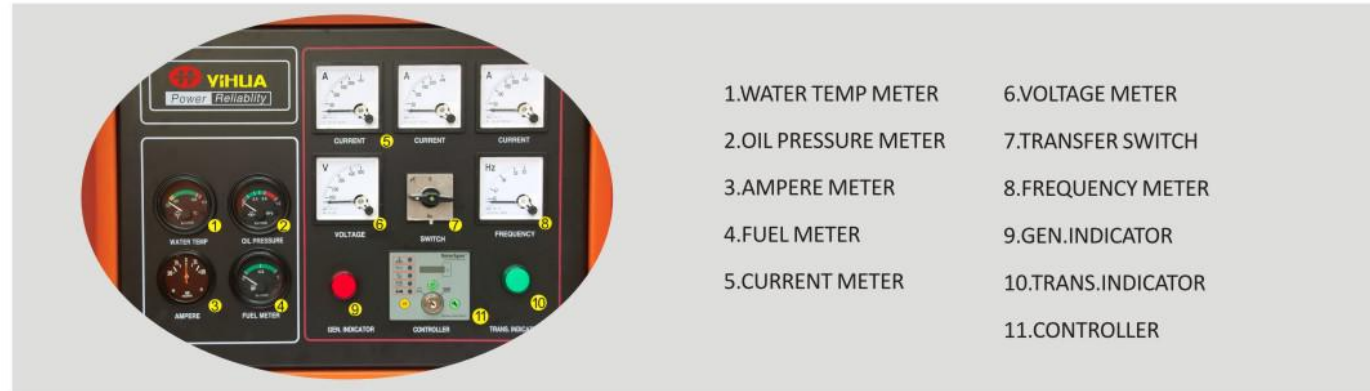
1. Insulation is class B or F, drip-proof type is IP21;
2. Tight construction with casting frame, and steel frame is optional;
3. The steady voltage regulation of generators are good in 5% speed variation, load from no-load to full-load and power factor from 0.8 to 1.0.

Technical Data

Model	Rated Output kW	Rated Current (A)		Rated Voltage (V)		Power Factor (cos φ)	Rated Speed (r/min)
		Series connection	Parallel connection	Series connection	Parallel connection		
ST-2	2	8.7	17.4	230	115	1.0	1500
ST-3	3	13	2				
ST-5	5	21.7	43.5				
ST-7.5	7.5	32.6	65.2				
ST-10	10	43.5	87				
ST-12	12	52.2	104.4				
ST-15	15	65.2	130.4				
ST-20	20	87	174				

Model	Rated Output	Rated Capacity	Rated Current	Power Factor	Rated Speed
	kW	kVA	A	(cos φ)	(r/min)
STC-3	3	3.8	5.4	0.8	1500
STC-5	5	6.3	9		
STC-7.5	7.5	9.4	13.5		
STC-10	10	12.5	18.1		
STC-12	12	15	21.7		
STC-15	15	18.8	27.1		
STC-20	20	25	36.1		
STC-24	24	30	43.4		
STC-30	30	37.5	54.1		
STC-40	40	50	72.2		
STC-50	50	62.5	90.2		

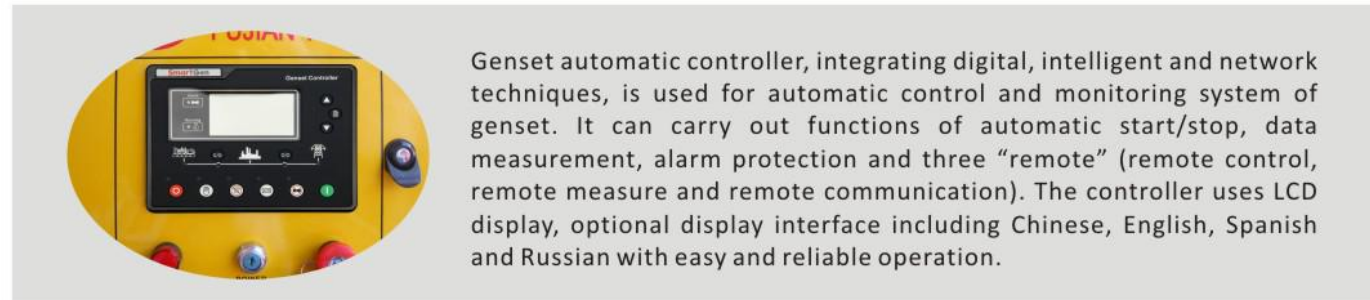
MANUAL CONTROL PANEL



Controller: Smartgen, Comap, Deepsea, Datakom



AUTOMATIC CONTROL PANEL



Controller: Smartgen, Comap, Deepsea, Datakom, Harsen



SYNCHRONIZING SYSTEM: Parallel panel & Switch



ATS SYSTEM: AMF Controller & ATS Switch



ATS Switch: Smartgen, ABB, Aisikai

