

WUXI IFANITE POWER TECHNOLOGY CO.,LTD

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IFANITE®

WUXI IFANITE POWER TECHNOLOGY CO.,LTD



PROFESSIONAL MANUFACTURER:

GENERATOR / ENGINE / WATER PUMP / WELDING GENERATOR

Company Profile

Wuxi IFANITE Power Technology Co.,Ltd , establish in 2008 years in WUXI city China (neighboring Shanghai-Nanjing Expressway).

Company have 2 manufacturing base in FUZHOU city and WUXI city. WUXI factory is a coverage area of 30000 square meters and 70 persons employees. This factory is focus on producing air cooled generators from 2kva to 10kva. FUZHOU factory cover 7000 square meters which professional fabricate diesel generators from 10kva to 2000kva.

We have professional engineers technicians and experienced managerial staff to assure the realible quality and perfect design. And we have patient sales team and service team to give you pre - sales or after - sales service in time.

Our MAIN products

diesel generator sets / diesel water pumps / diesel welding generators
/ Air cooled diesel engines



Company Certificate



3500 Series Diesel Generator Technical Data



Genset	Model No.	IF3500X (Open type)	IF3500E (Open type)	IF3500E3 (Open type)	IF3500T (Silent type)	IF3500T3 (Silent type)
	Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60
	Rated voltage (V)	230 120/240	230 120/240	230/400	230 120/240	230/400
	Rated current(A)	12.2 25/12.5	12.2 25/12.5	4.1/4.2	12.2 25/12.5	4.1/4.2
	Rated output power(kW)	2.8 3.0	2.8 3.0	2.8 3.0	2.8 3.0	2.8 3.0
	Max output power (kW)	3 3.3	3 3.3	3 3.3	3 3.3	3 3.3
	Rated rotation speed(rpm)	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600
	DC Output	12v 8.3A	12v 8.3A	12v 8.3A	12v 8.3A	12v 8.3A
	Power factor	1	1	1	1	1
	Phase number	Single phase	Single phase	Single phase	Single phase	Single phase
	Noise level dB@7m	78	78	78	68	68
	Overall dimension (L*W*H)MM	675x470x550	675x470x550	675x470x550	920x560x720	920x560x720
	Net weight	65	65	65	140	140

Engine	Engine type	178F	178FE	178FE	178FE	178FE
	Structure type	Single cylinder, in-lined 4 stroke, air cooled direct injection	Single cylinder, in-lined 4 stroke, air cooled direct injection	Single cylinder, in-lined 4 stroke, air cooled direct injection	Single cylinder, in-lined 4 stroke, air cooled direct injection	Single cylinder, in-lined 4 stroke, air cooled direct injection
	Bore * stroke mm	78x62	78x62	78x62	78x62	78x62
	Displacement ml	296	296	296	296	296
	Compression ratio	20:1	20:1	20:1	20:1	20:1
	Rated output(kw/rpm)	3.7/3000 4.0/3600	3.7/3000 4.0/3600	3.7/3000 4.0/3600	3.7/3000 4.0/3600	3.7/3000 4.0/3600
	Lubrication system	pressure splashed	pressure splashed	pressure splashed	pressure splashed	pressure splashed
	Lue oil brand	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40
	Starting system	Recoil starter	12V Electric starter	12V Electric starter	12V Electric starter	12V Electric starter
	Starting motor capacity	N/M	12V 0.8kw	12V 0.8kw	12V 0.8kw	12V 0.8kw
	Charging generator capacity	N/M	12V 3A	12V 3A	12V 3A	12V 3A
	Battery capacity	N/M	12V 28A	12V 28A	12V 28A	12V 28A
	Fuel consumption rate(g/kw.h)	3000rpm 276, 3600rpm 285	3000rpm 276, 3600rpm 285	3000rpm 276, 3600rpm 285	3000rpm 276, 3600rpm 285	3000rpm 276, 3600rpm 285
	Fuel type	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#
	Fuel tank capacity (L)	15	15	15	15	15
	Continuous Running time(H)	14	14	14	14	14

6500 Series Diesel Generator Technical Data



Generator set	Model NO.	IF6500X (Open type)	IF6500E (Open type)	IF6500E3 (Open type)	IF6500T (Silent type)	IF6500T3 (Silent type)
	Rated frequency(Hz)	50/60	50/60	50/60	50/60	50/60
	Rated voltage(V)	220V	220V	380V	220V	220V
	Rated current(A)	22.7A	22.7A	7.5A	22.7A	7.5A
	Rated output power(kW)	4.5/5.0	4.5/5.0	4.5/5.0	4.5/5.0	4.5/5.0
	Max output power (kw)	5/5.5	5/5.5	5/5.5	5/5.5	5/5.5
	Rated rotation speed(rpm)	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600
	DC output	12V 8.3A	12V 8.3A	12V 8.3A	12V 8.3A	12V 8.3A
	Power factor(cosφ)	1	1	1	1	1
	Phase number	Single phase	Single phase	3 phase	Single phase	Single phase
	Noise level[dB(A)@7m]	85	85	85	70	70
	Overall dimension(L*W*H)[mm]	720X492X855	720X492X855	720X492X855	950X560X750	950X560X750
	Net weight(kg)	100	100	100	160	160
Engine	Engine type	186FA	186FAE	186FAE	186FAE	186FAE
	Structure type	Single cylinder, in-lined 4-stroke, air cooled, direct injection	Single cylinder, in-lined 4-stroke, air cooled, direct injection	Single cylinder, in-lined 4-stroke, air cooled, direct injection	Single cylinder, in-lined 4-stroke, air cooled, direct injection	Single cylinder, in-lined 4-stroke, air cooled, direct injection
	Bore*stroke[mm(in)]	86*72	86*72	86*72	86*72	86*72
	Displacement[ml(cu. in.)]	418	418	418	418	418
	Engine speed(rpm)	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600
	Compression ratio	19:1	19:1	19:1	19:1	19:1
	Rated output power[kW/rpm]	5.7/3000 , 6.3/3600	5.7/3000 , 6.3/3600	5.7/3000 , 6.3/3600	5.7/3000 , 6.3/3600	5.7/3000 , 6.3/3600
	Lubrication system	Pressure splashed	Pressure splashed	Pressure splashed	Pressure splashed	Pressure splashed
	Lube oil brand	Above CD SAE 10W-30, 15W-40	Above CD SAE 10W-30, 15W-40	Above CD SAE 10W-30, 15W-40	Above CD SAE 10W-30, 15W-40	Above CD SAE 10W-30, 15W-40
	Starting system	Recoil starter	12 V Electric starter	12 V Electric starter	12 V Electric starter	12 V Electric starter
	Starting motor capacity	/	12V 0.8KW	12V 0.8KW	12V 0.8KW	12V 0.8KW
	Charging generator capacity	/	12V 3A	12V 3A	12V 3A	12V 3A
	Battery capacity	/	12V 32A	12V 32A	12V 32A	12V 32A
	Fuel consumption rate[g/kw.h]	3000rpm: 275 , 3600rpm: 281	3000rpm: 275 , 3600rpm: 281	3000rpm: 275 , 3600rpm: 281	3000rpm: 275 , 3600rpm: 281	3000rpm: 275 , 3600rpm: 281
	Fuel type	Diesel 0#(summer/or-10#(winter))-35#(cold)	Diesel 0#(summer/or-10#(winter))-35#(cold)	Diesel 0#(summer/or-10#(winter))-35#(cold)	Diesel 0#(summer/or-10#(winter))-35#(cold)	Diesel 0#(summer/or-10#(winter))-35#(cold)
	Fuel tank capacity(L)	15	15	15	15	15
	Continuous running time(H)	8	8	8	8	8

7500 Series Diesel Generator Technical Data



Genset	Model No.	IF7500X (Open type)	IF7500E (Open type)	IF7500E3 (Open type)	IF7500T (Silent type)	IF7500T3 (Silent type)
	Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60
	Rated voltage (v)	230 120/240	230 120/240	220/380V	230 120/240	220/380V
	Rated output power(kW)	5.5 6.0	5.5 6.0	5.5 6.0	5.5 6.0	5.5 6.0
	Max output power (kW)	6.0 6.5	6.0 6.5	6.0 6.5	6.0 6.5	6.0 6.5
	Rated rotation speed(rpm)	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600
	DC Output	12v 8.3A	12v 8.3A	12v 8.3A	12v 8.3A	12v 8.3A
	Power factor	1	1	1	1	1
	Phase number	Single phase	Single phase	Single phase	Single phase	Single phase
	Noise level dB@7m	75	75	75	75	75
Engine	Overall dimension (L*W*H)MM	720x492x655	720x492x655	720x492x655	950x560x750	950x560x750
	Net weight	115	115	115	165	165
	Engine type	188F	188FAE	188FAE	188FAE	188FAE
	Structure type	Single cylinder , in lined 4 stroke, air cooled direct injection	Single cylinder , in lined 4 stroke, air cooled direct injection	Single cylinder , in lined 4 stroke, air cooled direct injection	Single cylinder , in lined 4 stroke, air cooled direct injection	Single cylinder , in lined 4 stroke, air cooled direct injection
	Bore * stroke mm	88X75	88X75	88X75	88X75	88X75
	Displacement ml	456	456	456	456	456
	Compression ratio	19:1	19:1	19:1	19:1	19:1
	Rated output(kw/rpm)	7/3000 7.5/3600	7/3000 7.5/3600	7/3000 7.5/3600	7/3000 7.5/3600	7/3000 7.5/3600
	Lubrication system	pressure splashed	pressure splashed	pressure splashed	pressure splashed	pressure splashed
	Lue oil brand	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40
Engine	Staring system	Recoil starter	12V Electric starter	12V Electric starter	12V Electric starter	12V Electric starter
	Starting motor capacity	/	12V 0.8KW	12V 0.8KW	12V 0.8KW	12V 0.8KW
	Charging generator capacity	/	12V 3A	12V 3A	12V 3A	12V 3A
	Battery capacity	/	12V 36AH	12V 36AH	12V 36AH	12V 36AH
	Fuel consumption rate(g/kw.h)	3000rpm 265,3600rpm 282	3000rpm 265,3600rpm 282	3000rpm 265,3600rpm 282	3000rpm 276,3600rpm 285	3000rpm 276,3600rpm 285
	Fuel type	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#
	Fuel tank capacity (L)	15	15	15	15	15
	Continuous Running time(H)	8	8	8	8	8

8500 Series Diesel Generator Technical Data



Genset	Model No.	IF8500X (Open type)	IF8500E (Open type)	IF8500E3 (Open type)	IF8500T (Silent type)	IF8500T3 (Silent type)
	Rated frequency (Hz)	50/60	50/60	50/60	50/60	50/60
	Rated voltage (v)	230 120/240	230 120/240	220/380	230 120/240	220/380
	Rated output power(kw)	6.5 7.0	6.5 7.0	6.5 7.0	6.5 7.0	6.5 7.0
	Max output power (kw)	7.0 7.5	7.0 7.5	7.0 7.5	7.0 7.5	7.0 7.5
	Rated rotation speed(rpm)	3000/3600	3000/3600	3000/3600	3000/3600	3000/3600
	DC Output	12v 8.3A	12v 8.3A	12v 8.3A	12v 8.3A	12v 8.3A
	Power factor	0.8	0.8	0.8	0.8	0.8
	Phase number	1 phase	1 phase	3 phase	1 phase	3 phase
	Noise level dB@7m	85	85	85	72	72
Engine	Overall dimension (L*W*H)MM	720x492x655	720x492x655	720x492x655	950x560x750	950x560x750
	Net weight	118	118	118	170	170
	Engine type	192FA	192FAE	192FAE	192FAE	192FAE
	Structure type	Single cylinder , in lined 4 stroke, air cooled direct injection	Single cylinder , in lined 4 stroke, air cooled direct injection	Single cylinder , in lined 4 stroke, air cooled direct injection	Single cylinder , in lined 4 stroke, air cooled direct injection	Single cylinder , in lined 4 stroke, air cooled direct injection
	Bore * stroke mm	92x75	92x75	92x75	92x75	92x75
	Displacement ml	499	499	499	499	499
	Compression ratio	19:1	19:1	19:1	19:1	19:1
	Rated output(kw/rpm)	7.5/3000 8.2/3600	7.5/3000 8.2/3600	7.5/3000 8.2/3600	7.5/3000 8.2/3600	7.5/3000 8.2/3600
	Lubrication system	pressure splashed	pressure splashed	pressure splashed	pressure splashed	pressure splashed
	Lue oil brand	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40
Engine	Staring system	Recoil starter	12V Electric starter	12V Electric starter	12V Electric starter	12V Electric starter
	Starting motor capacity	/	12V 1.2KW	12V 1.2KW	12V 1.2KW	12V 1.2KW
	Charging generator capacity	/	12V 3A	12V 3A	12V 3A	12V 3A
	Battery capacity	/	12V 32A	12V 32A	12V 32A	12V 32A
	Fuel consumption rate(g/kw.h)	3000rpm 270,3600rpm 282	3000rpm 270,3600rpm 282	3000rpm 270,3600rpm 282	3000rpm 310,3600rpm 320	3000rpm 310,3600rpm 320
	Fuel type	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#
	Fuel tank capacity (L)	15	15	15	15	15
	Continuous Running time(H)	8	8	8	8	8

9500 Series Diesel Generator Technical Data



Genset	MODEL	IF9500E (Open type)	IF9500E3 (Open type)	IF9500T (Silent type)	IF9500T3 (Silent type)
	Frequency	50/60 HZ	50/60 HZ	50/60 HZ	50/60 HZ
	Voltage (v)	230 120/240	220/380	230 120/240	380V . 400V
	Rated output power (kw)	8/8.5	8/8.5	8/8.5	8/8.5
	Max output power (kw)	8.5/9	8.5/9	8.5/9	8.5/9
	Speed(rpm)	3000 /3600	3000 / 3600	3000 / 3600	3000 / 3600
	CURRENT	36Amps	12Amps	36Amps	12Amps
	DC output	12v 8.3A	12v 8.3A	12v 8.3A	12v 8.3A
	factor	1	0.8	1	0.8
	Phase	Single phase	3 phase	Single phase	3 phase
	Noise at 7 meter	85	85	72	72
	size (L*W*H)MM	770x540x700mm	950x630x720mm	1050x700x860mm	1050x700x860mm
	NET Weight	150	155	220	220

Engine	Engine model	1100FE	1100FE	1100FE	1100FE
	Type	1 cylinder, in line , 4 stroke, air cooled	1 cylinder, in line , 4 stroke, air cooled	1 cylinder, in line , 4 stroke, air cooled	1 cylinder, in line , 4 stroke, air cooled
	Bore *stroke mm	100*85	100*85	100*85	100*85
	Displacement ml	667	667	667	667
	compression ratio	19:1	19:1	19:1	19:1
	engine power(kw/rpm)	9.2/3000 10.2/3600	9.2/3000 10.2/3600	9.2/3000 10.2/3600	9.2/3000 10.2/3600
	oil type	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40
	Start type	12V electric start	12V electric start	12V electric start	12V electric start
	starter capacity	12V 1.6Kw	12V 1.6Kw	12V 1.6Kw	12V 1.6Kw
	charger capacity	12V 3A	12V 3A	12V 3A	12V 3A
	Battery capacity	12V 36AH	12V 36AH	12V 36AH	12V 36AH
	fuel consumption(g/kw.h)	275	275	275	275
	diesel type	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#
	fuel tank capacity (L)	25	25	25	25
	Keep running time(hour)	8	8	8	8

15000 Series Diesel Generator Technical Data



Genset	MODEL	IF15000E (Open type)	IF15000E3 (Open type)	IF15000T (Silent type)	IF15000T3 (Silent type)
	Frequency	50/60 HZ	50/60 HZ	50/60 HZ	50/60 HZ
	Voltage (v)	230 120/240	220/380	230 120/240	380V . 400V
	Rated output power (kw)	9 /9.5	9 /9.5	9 /9.5	9 /9.5
	Max output power (kw)	9.5 /10	9.5 /10	9.5 /10	9.5 /10
	Speed(rpm)	3000 /3600	3000 / 3600	3000 / 3600	3000 / 3600
	CURRENT	41Amps	13.7Amps	41Amps	13.7Amps
	DC output	12v 8.3A	12v 8.3A	12v 8.3A	12v 8.3A
	factor	1	0.8	1	0.8
	Phase	Single phase	3 phase	Single phase	3 phase
	Noise at 7 meter	85	85	72	72
	size (L*W*H)MM	890x560x680mm	940x560x760mm	1130x760x860mm	1130x760x860mm
	NET Weight	220	220	290	290

Engine	Engine model	1103F	1103F	1103F	1103F
	Type	1 cylinder, in line , 4 stroke, air cooled	1 cylinder, in line , 4 stroke, air cooled	1 cylinder, in line , 4 stroke, air cooled	1 cylinder, in line , 4 stroke, air cooled
	Bore *stroke mm	103*88	103*88	103*88	103*88
	Displacement ml	733	733	733	733
	compression ratio	19:1	19:1	19:1	19:1
	engine power(kw/rpm)	11/3000 12/3600	11/3000 12/3600	11/3000 12/3600	11/3000 12/3600
	oil type	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40
	Start type	12V electric start	12V electric start	12V electric start	12V electric start
	starter capacity	12V 1.6KW	12V 1.6KW	12V 1.6KW	12V 1.6KW
	charger capacity	12V 3A	12V 3A	12V 3A	12V 3A
	Battery capacity	12V 36AH	12V 36AH	12V 36AH	12V 36AH
	fuel consumption(g/kw.h)	275	275	275	275
	diesel type	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#
	fuel tank capacity (L)	25	25	25	25
	Keep running time(hour)	8	8	8	8

17000 Series Diesel Generator Technical Data



Genset	MODEL	IF17000E (Open type)	IF17000E3 (Open type)	IF17000T (Silent type)	IF17000T3 (Silent type)
	Frequency	50/ 60 HZ	50/ 60 HZ	50/ 60 HZ	50/60 HZ
	Voltage (v)	230 120/240	230 120/240	230 120/240	380V ± 400V
	Rated output power (kw)	10 / 11	10 / 11	10 / 11	
	Max output power (kw)	11 / 12	11 / 12	11 / 12	10/11 11/12
	Speed(rpm)	3000 / 3600	3000 / 3600	3000 / 3600	3000 / 3600
	CURRENT	50 Amps	16 Amps	50 Amps	16 Amps
	output	12v 8.3A	12v 8.3A	12v 8.3A	12v 8.3A
	factor	1	0.8	1	0.8
	Phase	Single phase	3 phase	Single phase	3 phase
	Noise at 7 meter	85	85	75	75
	size (L*W*H)mm	940x560x760mm	940x560x760mm	1130x760x960mm	1130x760x960mm
	NET Weight	220	220	290	290

Engine	Engine model	1105FE	1105FE	1105FE	1105FE
	Type	1 cylinder, in line , 4 stroke, air cooled	1 cylinder, in line , 4 stroke, air cooled	1 cylinder, in line , 4 stroke, air cooled	1 cylinder, in line , 4 stroke, air cooled
	Bore *stroke mm	105*88	105*88	105*88	105*88
	Displacement ml	762	762	762	762
	compression ratio	19:1	19:1	19:1	19:1
	engine power(kw/rpm)	12.0/3000 13/3600	12.0/3000 13/3600	12.0/3000 13/3600	12.0/3000 13/3600
	oil type	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40	Above CD SAE 10W 30 15W 40
	Start type	12V electric start	12V electric start	12V electric start	12V electric start
	starter capacity	12V 1.7KW	12V 1.7KW	12V 1.7KW	12V 1.7KW
	charger capacity	12V 3A	12V 3A	12V 3A	12V 3A
	Battery capacity	12V 36AH	12V 36AH	12V 36AH	12V 36AH
	fuel consumption(g/kw.h)	245	245	245	245
	diesel type	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#	Diesel 0# or 10# 35#
	fuel tank capacity (L)	25	25	25	25
	Keep running time(hour)	8	8	8	8

IFANITE Welding Generator Series Technical Data



Model	IF6500EW	IF6500TW	IF8500EW	IF8500TW	IF12000TW
Rated frequency (Hz)	50 60	50 60	50 60	50 60	50 60
Prime power (kW)	2.0 2.2	2.0 2.2	2.2 2.5	2.0 2.5	3.0 3.5
Rated voltage (V)	220 120/240	220 120/240	220 120/240	220 120/240	220 120/240
Rated current (A)	9.6 18.3/ 9.1	9.6 18.3/ 9.1	10.0 20.8/10.4	10.0 20.8/10.4	13.6 29/14.5
Phase number	Single phase	Single phase	Single phase	Single phase	Single phase
Power factor	1.0	1.0	1.0	1.0	1.0
No-load welding voltage (V)	65-70	65-70	65-70	65-70	65-70
Rated soldering DC current(A)	>190	>190	>230	>230	>230
Welding voltage(V)	25-30	25-30	25-30	25-30	25-30
Welding load rate	60%	60%	60%	60%	60%
Welding current adjustment range(A)	0-190	0-190	0-230	0-230	0-300
Electrode (electrode diameter)mm	1.6-4.0	1.6-4.0	1.6-4.0	1.6-4.0	1.6-4.0
Engine speed(rpm)	3000	3000	3000	3000	3000
Excitation mode	AVR Self-excitation constant pressure	AVR Self-excitation constant pressure	AVR Self-excitation constant pressure	AVR Self-excitation constant pressure	AVR Self-excitation constant pressure
Rectification method	IGBT+3 phase rectifier bridge	IGBT+3 phase rectifier bridge	IGBT+3 phase rectifier bridge	IGBT+3 phase rectifier bridge	IGBT+3 phase rectifier bridge
insulation grade	F	F	F	F	F
Pole no.	2	2	2	2	2
Engine type	IF186FAE	IF186FAE	IF192FAE	IF192FAE	IF2V88
Structure type	Direct injection, single cylinder, four stroke, air cooled	Direct injection, single cylinder, four stroke, air cooled	Direct injection, single cylinder, four stroke, air cooled	Direct injection, single cylinder, four stroke, air cooled	Direct injection, two cylinder, V type, 4 stroke, Tur four stroke, air cooled
Displacement	418	418	499	499	876
Bore x stroke	86*72	86*72	92*75	92*75	2--88x75
Displacement	19, 1	19, 1	19, 1	19, 1	19, 1
Rated power kW(r/min)	5.7kW/3000r/min 6.3kw/3600r/min	5.7kW/3000r/min 6.3kw/3600r/min	7.5kW/3000r/min 8.4kw/3600r/min	7.5kW/3000r/min 8.4kw/3600r/min	13.8kW/3000r/min 14.8kw/3600r/min
Fuel	0#(summer), -10#(winter)	0#(summer), -10#(winter)	0#(summer), -10#(winter)	0#(summer), -10#(winter)	0#(summer), -10#(winter)
Lube oil brand	SAE 10W/30 (above CC level)	SAE 10W/30 (above CC level)	SAE 10W/30 (above CC level)	SAE 10W/30 (above CC level)	SAE 10W/30 (above CC level)
Fuel consumption ratio(g/kW.h)	280	280	290	290	290
Fuel tank capacityL	15	15	15	15	25
Continuous running time(h)	8	8	8	8	8
Overall dimensions	720*500*650	950x530x740	720x492x655	950x530x740	1220 x 710 x 840mm
Net weight	120	180	125	185	260
Starting system	XW: Recoil start EW: Electrical Start	Electrical Start	XW: Recoil start EW: Electrical Start	Electrical Start	Electrical Start
Noise level db(A)/7m	85	72	85	72	75

IFANITE Diesel Engine Series Technical Data



MODEL	IF173F/E	IF178F/E	IF186FA/E	IF186FA2/E	IF188F/E
Engine type	Single cylinder, 4-stroke, air-cooled, direct injection, diesel engine	Single cylinder, 4-stroke, air-cooled, direct injection, diesel engine	Single cylinder, 4-stroke, air-cooled, direct injection, diesel engine	Single cylinder, 4-stroke, air-cooled, direct injection, diesel engine	Single cylinder, 4-stroke, air-cooled, direct injection, diesel engine
Bore x stroke [mm(in)]	73x59(2.87x2.36)	78x62(3.07x2.44)	86x72(3.39x2.83)	86x72(3.39x2.83)	88x75(3.46x2.95)
Displacement [ml(ccu in)]	247(15.25)	296(18.06)	418(25.5)	418(25.5)	456(27.82)
Engine speed (rpm)	3000/3600	3000/3600	3000/3600	1500/1800	3000/3600
Rated output power [kW(Hp)/rpm]	3.5(4.05)/3000, 4.05(5.0)/3600	3.7(5.2)/3000, 4.0(5.4)/3600	5.7(8.0)/3000, 6.3(9.0)/3600	5.7(8.0)/3000, 6.3(9.0)/3600	6.8(10.3)/3000, 7.5(11)/3600
The output axis direction of rotation	From the output shaft end as counterclockwise	From the output shaft end as counterclockwise	From the output shaft end as counterclockwise	From the output shaft end as counterclockwise	From the output shaft end as counterclockwise
Valve clearance	0.1-0.15(cold state)	0.1-0.15(cold state)	0.1-0.15(cold state)	0.1-0.15(cold state)	0.1-0.15(cold state)
Injection pressure [kgf/cm ² (MPa)]	200(19.6)	200(19.6)	200(19.6)	200(19.6)	200(19.6)
Fuel supply advance angle	19°±1	19°±1*	19°±1	19°±1	20°±1*
Fuel tank volume [L(gal.)]	2.5(0.55)	3.5(0.77)	5.5(1.21)	5.5(1.21)	5.5(1.21)
Fuel	0#or-10#light diesel oil	0#or-10#light diesel oil	0#or-10#light diesel oil	0#or-10#light diesel oil	0#or-10#light diesel oil
Lubrication way	Pressure spray compound	Pressure spray compound	Pressure spray compound	Pressure spray compound	Pressure spray compound
Lube brand	AE10W30(above cc grade)	SAE10W-30(above CC grade)	SAE10W-30(above CC grade)	AE10W30(above cc grade)	AE10W30(above cc grade)
Lubrication oil volume [L(gal.)]	0.8(0.16)	1.1(0.24)	1.65(0.36)	1.65(0.36)	1.65(0.36)
Starting way	Recoil type hand starting or electric starting	Recoil type hand starting or electric starting	Recoil type hand starting or electric starting	Recoil type hand starting or electric starting	Recoil type hand starting or electric starting
Overall dimension (L x W x H)[mm(in)]	355x380x415 (13.19x14.96x16.39)	385x420x450 (15.16x16.54x17.72)	420x440x495 (16.54x17.32x19.49)	420x440x495 (16.54x17.32x19.49)	422x440x498 (16.61x17.11x19.61)
Dry weight [kg(lbs.)]	≤26(57.2)	≤33(72.6)	≤48(105.6)	≤48(105.6)	≤48(105.6)

IFANITE Water Pump Series Technical Data



Type	IF50D(E)	IF80D(E)	IF100D(E)
Pump			
Inch	2"	3"	4"
Rated head(m)	15	13	16
Max suction head(m)	8	8	8
Rated capacity(m ³ /h)	22	30	40
Self-priming time(s/4m)	80	120	180
Mode	IF173F(E)	IF178F(E)	IF186A(E)
Engine	Single cylinder, 4-stroke, air-cooled, vertical, diesel engine		
Type	Manual or electric start		
Starting fashion			
Fuel tank capacity(L)	2.5	3.5	5.5
Continuous running time(h)	2.5	2.0	2.0
N.W./G.W(kg)	35/38	52/55	69/72
Dimension LxWxH(mm)	400x410x510	570x450x550	645x470x600
Package size LxWxH(mm)	500x420x525	680x460x570	660x480x615
Type	IF60D(E)	IF80D(E)	IF100D(E)
Pump			
Inch	2"	3"	4"
Rated head(m)	63	66	55
Max suction head(m)	8	8	6
Rated capacity(m ³ /h)	28	39	110
Self-priming time(s/4m)	80	120	120
Mode	IF178F(E)	IF186A(E)	IF192F(E)
Engine	Single cylinder, 4-stroke, air-cooled, vertical, diesel engine		
Type	Manual or electric start		
Starting method			
Fuel tank capacity(L)	3.5	5.5	5.5
Continuous running time(h)	2.0	2.0	2.0
N.W./G.W(kg)	52/57	57/62	60/65
Dimension LxWxH(mm)	570x440x550	645x470x600	645x470x600
Package size LxWxH(mm)	580x460x570	655x480x615	655x480x615

CUMMINS Generator (50HZ 3PHASES, 1500RPM)



Genset Model	Prime Power		Standby Power		Engine	Fuel Consumption (L/hr)	Silent Type Generator		
	KVA	KW	KVA	KW			Model	100%	Dimension LxWxH(mm)
IFC22	20	16	22	17.6	4B3.9-G1	4.5	2200-1000-1335	1050	68
IFC28	25	20	27.5	22	4B3.9-G1	5.5	2200-1000-1335	1060	68
IFC33	30	24	33	26	4B3.9-G1	6.7	2350-1000-1335	1120	70
IFC41	38	30	41	33	4B3.9-G1	8.3	2350-1000-1335	1160	70
IFC44	40	32	44	35	4B3.9-G1	8.9	2350-1000-1335	1160	70
IFC55	50	40	55	44	4B3.9-G2	11	2650-1020-1480	1350	70
IFC66-1	60	48	66	53	4B3.9-G2	13	2650-1020-1480	1400	70
IFC66-2	60	48	66	53	4B3.9-G11	13	2650-1020-1480	1400	70
IFC69	63	50	69	55	4B3.9-G2	13.8	2650-1020-1480	1520	70
IFC80	72.5	58	80	64	4B3.9-G11	16	2650-1020-1480	1520	70
IFC94	85	68	94	75	4B3.9-G13	17	2970-1120-1580	1500	72
IFC110-1	100	80	110	88	4B3.9-G13	17	2970-1120-1580	1500	72
IFC110-2	100	80	110	88	6B7AS-G2	21.2	2970-1120-1580	1600	72
IFC124	113	90	124	99	6B7AS-G2	23.8	2970-1120-1580	1700	72
IFC138	125	100	138	110	6B7AA5.9-G2	26.5	3200-1120-1580	1800	75
IFC165-1	150	120	165	132	6B7AA5.9-G12	31.8	3200-1120-1580	1850	75
IFC165-2	150	120	165	132	6CTAR-3-G2	31.8	3400-1120-1785	2020	75
IFC208	188	150	206	165	6CTAR-3-G2	39.7	3400-1120-1785	2080	75
IFC220	200	160	220	176	6CTAA8.3-G2	42.4	3400-1120-1785	2450	75
IFC248	225	180	248	198	6LTAAB.9-G2	47.7	3600-1280-1860	2800	78
IFC275	250	200	275	220	6LTAAB.9-G2	53	3600-1280-1860	2800	78
IFC275-2	250	200	275	220	6LTAAB.9-G3	53	3600-1280-1860	2800	78
IFC413	375	300	413	330	6ZTAA13-G3	76.5	4200-1400-2000	4000	82
IFC440	400	320	440	352	6ZTAA13-G2	89.1	4200-1400-2000	4000	82
IFC480	437.5	350	480	384	6ZTAA13-G2	89.1	4300-1400-2000	4400	82
IFC495	450	360	495	396	6ZTAA13-G4	91.4	4300-1400-2000	4400	83
IFC495-2	450	360	495	396	QS213-G2	88.8	4300-1400-2000	4400	83
IFC550	500	400	550	440	QS213-G3	101	4300-1400-2000	4400	83
IFC275-1	250	200	275	220	NT855-GA	53	3900-1400-2000	3400	80
IFC275-2	250	200	275	220	MTA11-G2A	53	4300-1600-1800	3400	80
IFC303	275	220	303	242	NTA855-G1A	57	3900-1400-2000	3400	80
IFC330	300	240	330	264	MTA11-G3	62	4500-1600-1800	3800	80
IFC344	312.5	250	344	275	MTA11-G3	64.7	4500-1600-1800	3900	80
IFC344	313	250	344	275	NTA855-G1B	64.7	3900-1400-2000	3800	80
IFC344	313	250	344	275	NTA855-G2	64.7	3900-1400-2000	3800	80
IFC385-1	350	280	385	308	NTA855-G2A	72.5	3900-1400-2000	3900	80
IFC385-2	350	280	385	308	NTA855-G4	72.5	3900-1400-2000	3900	80
IFC385-3	350	280	385	308	QSM11-G2	72.5	3900-1400-2000	3900	80
IFC413	375	300	413	330	NTA855-G7	77.7	4300-1600-2000	4000	82
IFC440	400	320	440	352	NTA855-G7A	82.9	4300-1600-1800	4000	82
IFC495	450	360	495	396	KTA19-G3	93.3	4800-1650-2230	5200	83
IFC550-1	500	400	550	440	KTA19-G3A	93.3	4800-1650-2230	5200	83
IFC550-2	500	400	550	440	KTA19-G4	103.6	4800-1650-2230	5200	83
IFC619	563	450	619	495	KTA19-G5	116.5	5000-1800-2450	5500	83
IFC660-1	600	480	660	528	KTA19-G6	124.3	5000-1800-2450	5500	83
IFC660-2	600	480	660	528	KTA19-G8	124.3	5000-1800-2450	5500	83
IFC688-1	625	500	688	550	KTA19-G6A	129.5	5000-1800-2450	5500	83
IFC688-2	625	500	688	550	KTA19-G7	129.5	5000-1800-2450	5500	83
IFC713	650	520	713	570	QSKTA19G4	145	5200-1800-2450	6300	83
IFC825	750	600	825	660	KTA38-G2	155.4	6050-2435-2589(20P)	6500	85
IFC880	800	640	880	704	KTA38-G2B	165.8	6050-2435-2585(20P)	6500	85
IFC960	900	720	960	792	KTA38-G2A	186.5	6050-2435-2585(20P)	6700	85
IFC1100	1000	800	1100	880	KTA38-G5	207	6050-2435-2585(20P)	6900	85
IFC1238	1125	900	1238	990	KTA38-G9	233	6050-2435-2585(20P)	11300	85
IFC1375	1250	1000	1375	1100	KTA50-G3	259	12162-2435-2896(40HP)	11900	86
IFC1513	1375	1100	1513	1210	KTA50-G8	285	12162-2435-2896(40HP)	13000	86
IFC1650	1500	1200	1650	1320	KTA50-G88	311	12162-2435-2896(40HP)	13000	86
IFC1856	1688	1350	1856	1485	KTA50-G15	320	12162-2435-2896(40HP)	13200	86

CUMMINS GENERATOR (60HZ 3PHASES, 1800RPM)



Genset Model	Prime Power		Standby Power		Engine Model	Fuel Consumption (L/h)	Silent Type Generator		
	KVA	KW	KVA	KW			Dimenton L×W×H(mm)	Weight (KG)	Sound level at 7m(dBA)
IFC32X	29	23	32	25.3	4BT3.9-G1	6.4	2200×1000×1335	1080	68
IFC34X	31	25	34	27.5	4BT3.9-G2	6.9	2350×1000×1335	1120	70
IFC41X	38	30	41	33	4BT3.9-G12	8.3	2350×1000×1335	1160	70
IFC47X	43	34	47	37.4	4BT3.9-G2	9.4	2350×1000×1335	1160	70
IFC55X	50	40	55	44	4BTA3.9-G2	11.1	2650×1020×1480	1350	70
IFC67X	62.5	50	69	55	4BTA3.9-G2	13.9	2650×1020×1480	1350	70
IFC75X	67	54	75	60	4BTA3.9-G2	13.9	2650×1020×1480	1350	70
IFC83X	85	68	93.0	74.0	4BTA3.9-G11	20.1	2650×1020×1480	1520	70
IFC103X	94	75	103	83	6BT5.9-G2	19.9	2970×1120×1580	1520	72
IFC110X	100	80	110	88	6BT5.9-G2	21.2	2970×1120×1580	1600	72
IFC138X	125	100	138	110	6BTA5.9-G2	26.5	2970×1120×1580	1700	72
IFC165X	150	120	165	132	6BTA5.9-G2	31.8	3200×1120×1580	1800	75
IFC175X	160	128	175	140	6BTA5.9-G12	38	3200×1120×1580	1850	75
IFC206X	188	150	206	165	6CTA8.3-G2	39.8	3400×1120×1785	2020	75
IFC220X	200	160	220	176	6CTA8.3-G2	42.4	3400×1120×1785	2450	75
IFC275X	250	200	275	220	6LTA8.9-G2	53.0	3600×1280×1880	2600	78
IFC300X	275	220	300	240	6LTA8.9-G3	62.0	3600×1280×1880	2600	78
IFC413X	375	300	412.5	330	6ZTAA13-G3	81.0	4200×1400×2000	4000	82
IFC440X	400	320	440	352	6ZTAA13-G2	95.6	4200×1400×2000	4000	82
IFC480X	437.5	350	480	384	6ZTAA13-G2	95.6	4300×1400×2000	4400	82
IFC500X	450	360	500	400	6ZTAA13-G4	98.1	4300×1400×2000	4400	83
IFC500X	450	360	500	400	QSZ13-G2	90.2	4300×1400×2000	4400	83
IFC530X	500	400	530	424	QSZ13-G3	104.1	4300×1400×2000	4400	83
IFC275X	250	200	275	220	NTA855-GA	53.0	3900×1400×2000	3400	80
IFC344X	313	250	344	275	NTA855-G1	63.3	3900×1400×2000	3400	80
IFC378X-1	344	275	378	303	NTA855-G1B	69.6	3900×1400×2000	3800	80
IFC378X-2	344	275	378	303	NTA855-G2	69.6	3900×1400×2000	3900	80
IFC433X	394	315	433	347	NTA855-G3	79.7	3900×1400×2000	3900	80
IFC481X	438	350	481	385	KTA19-G2	88.6	4800×1650×2230	5200	83
IFC564X	513	410	564	451	KTA19-G3	103.7	4800×1650×2230	5200	83
IFC619X	563	450	619	495	KTA19-G4	113.9	4800×1650×2230	5200	83
IFC688X	625	500	688	550	KTAA19-G5	126.5	5000×1805×2450	5500	83
IFC756X-1	688	550	756	605	KTAA19-G8A	139.2	5000×1805×2450	5500	83
IFC756X-2	688	550	756	605	KTAA19-G7	139.2	5000×1805×2450	5500	83
IFC756X-3	688	550	756	605	QSK19-G3	139.2	5000×1800×2450	8500	83
IFC853X	775	620	853	682	KT38-G	156.9	6050×2435×2585(20P)	8000	85
IFC997X	906	725	997	797.5	KTA38-G2	183.4	6050×2435×2585(20P)	9500	85
IFC1100X	1000	800	1100	880	KTA38-G2A	202.4	6050×2435×2585(20P)	9500	85
IFC1238X	1125	900	1238	990	KTA38-G4	227.7	6050×2435×2585(20P)	10000	85
IFC1513X	1375	1100	1513	1210	KTA50-G3	278.3	12192×2435×2896(40HP)	11000	86
IFC1719X	1563	1250	1719	1375	KTA50-G9	316.3	12192×2435×2896(40HP)	12000	86
IFC1856X	1688	1350	1856	1485	QSK60-G4	341.6	\	15000	86
IFC2063X	1875	1500	2063	1650	QSK60-G6	379.5	\	17600	88
IFC2200X	2000	1600	2200	1760	QSK60-G6	404.8	\	17900	88
IFC2475X	2250	1800	2475	1980	QSK60-G6	455.4	\	18500	88

. Available in various voltages

. Alternators brand can be STAMFORD,MARATHON,MECCALTE, or other brands

. Normal condition - Ambient temp: 40℃, Altitude: 1000m, Relative humidity: 60%

WATER COOLED CHINESE ENGINE DIESEL GENERATOR



Genset Specification 400/230V 50HZ						Engine Specification			
Genset Model	STANDBY POWER (KVA)	STANDBY POWER (KW)	PRIME POWER (KVA)	PRIME POWER (KW)	Cons 100% (L/h)	Engine Model	Cyl	Gov	Displacement(L)
YD10	10	8	9	7	2.2	YD380D	3L	M	1.357
YD11	11	9	10	8	2.7	YD385D	3L	M	1.532
YD15	15	12	14	11	3.5	YD480D	4L	M	1.809
YD18	18	14	16	13	4.1	YND485D	4L	M	2.156
YD21	21	16	19	15	5.2	YND490D	4L	M	2.417
YD22	22	18	20	16	5.2	YSD490D	4L	M	2.54
YD30	30	24	28	22	6.8	Y4100D	4L	M	3.707
YD34	34	27	31	25	7.7	Y4102D	4L	M	3.857
YD36	36	29	33	26	8.2	Y4102D	4L	M	3.857
YD44	44	35	40	32	9.4	Y41022D	4L	M	3.857
YD41	41	33	38	30	9.2	Y4105D	4L	M	4.10
YD55	55	44	50	40	11.5	Y4105ZLD	4L	M	4.10
YD66	66	53	60	48	16.2	YD4E2LD	4L	M	4.10

WATER COOLED CHINESE ENGINE DIESEL GENERATOR



Genset Specification 220/127V 60HZ						Engine Specification			
Genset Model	STANDBY POWER (KVA)	STANDBY POWER (KW)	PRIME POWER (KVA)	PRIME POWER (KW)	Cons 100% (L/h)	Engine Model	Cyl	Gov	Displacement(L)
YD12X	12	10	11	9	3.0	YD380D	3L	M	1.357
YD14X	14	11	13	10	3.4	YD385D	3L	M	1.532
YD18	18	14	16	13	4.1	YD480D	4L	M	1.809
YD22	22	18	20	16	5.1	YND485D	4L	M	2.156
YD25	25	20	23	18	5.9	YND490D	4L	M	2.417
YD28	28	22	25	20	6.4	YSD490D	4L	M	2.54
YD41	41	33	38	30	9.3	Y4100D	4L	M	3.707
YD44	44	35	40	32	9.9	Y4102D	4L	M	3.857
YD55	55	44	50	40	12.4	Y41022D	4L	M	3.857
YD50	50	40	45	36	10.6	Y4105D	4L	M	4.10
YD66	66	53	60	48	14.7	Y4105ZLD	4L	M	4.10
YD72	72	57	65	52	13.5	YD4E2LD	4L	M	4.10