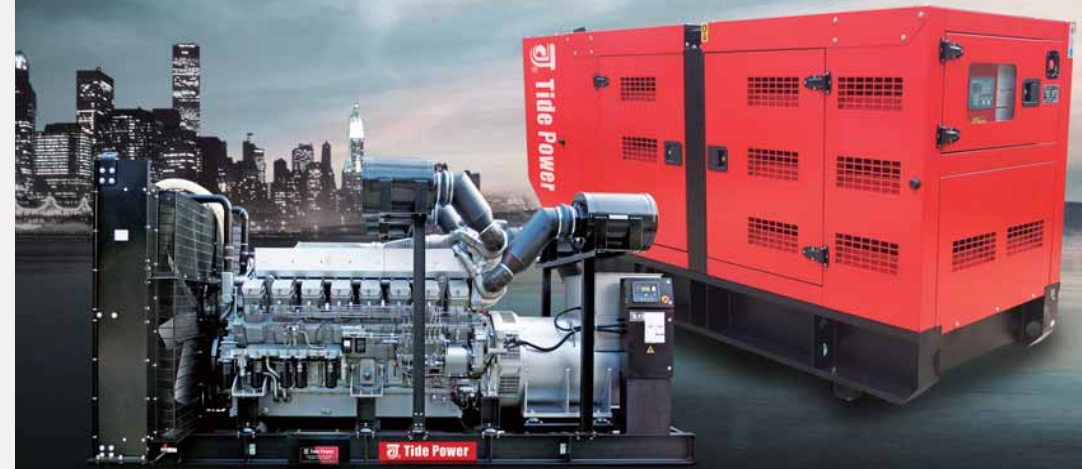


www.tpshk.com

 **Tide Power**



Power Products

Power Solution For Your Better Tomorrow

5kVA to 3900kVA

60Hz

Tide Power Technology Co., Ltd

Overseas Offices : UK, Singapore, Philippines, Vietnam,
Indonesia, Bangladesh, Australia, Colombia, Lebanon,
Russia

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Descriptions and specifications are substantially correct at time
of printing and subject to change.

201907

A Niche Partner for your Power Solution

A leading manufacturer in both diesel and gas generators which prides ourselves to be in constant upgrading the technical knowhow and with innovative design in providing our working partners with power solution ideas.

Started in 2006, Tide Power evolved to become a reputable manufacturer and exporter that serves the demand for high quality and reliable power products.

Locate conveniently in the southern coastal region of China Fuzhou which is the prime shipping route to all over the world.

With manufacturing facility situated in an area of over 6000 sq. meter and with capacity of producing over 2000 units per annum.

Certified with ISO9001 and other reputed certificates denotes our management style and the quality of our products in addition to being OEM of a number of world renown

suppliers like Deutz, MTU, Perkins, Cummins, Mitsubishi, Doosan, Leroy Somer and Stamford among others.

Our capability and capacity in providing full range of ratings enable us in satisfying different demand from residential application to power plant and other industries.

With a professional team of engineers, it promises the needed expertise in products and services required, not to mention our investment in R&D in keeping our pace with the global demand.

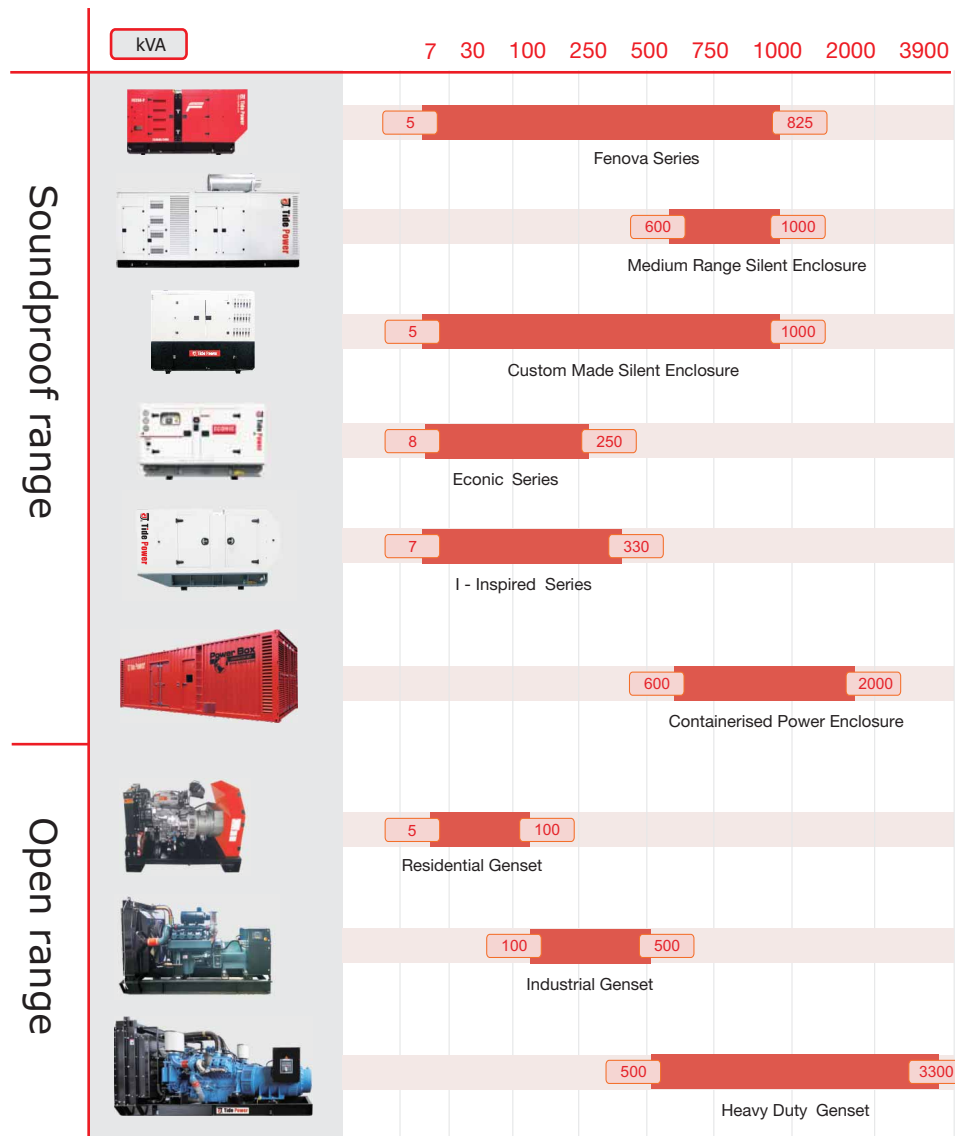
Capable of providing custom made power solution for different kind of projects or in different environment.

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POWER RANGES

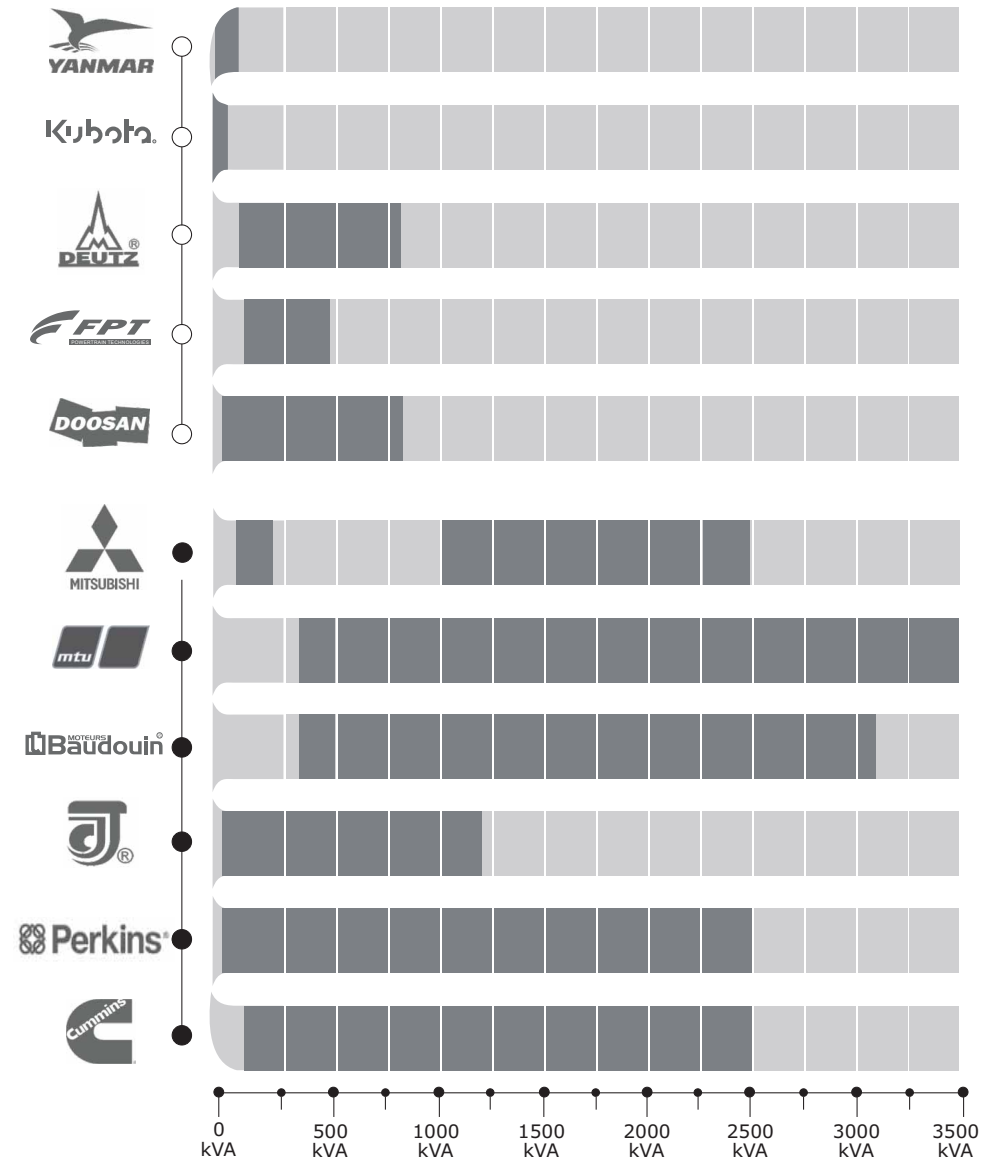
From 5kVA to 3900kVA



We have been highly successful in global markets by offering a wide and diversified range of generator set that are capable of satisfying and exceeding customer requirements. This success has been possible due to the inherent flexibility in the design of our product.

Our service, your choice

Tide Power has been appointed as Original Equipment Manufacturer(OEM) by Cummins, Perkins, Deutz, Mitsubishi, Doosan, MTU, Yanmar, Kubota, Baudouin, etc.



OPEN TYPE GENERATOR SET

Reliable and Safe

- Powered by world famous engines, such as Cummins, Perkins, Doosan, Deutz, Mitsubishi, MTU, and so on
- Load from 0-100%, frequency vibration within $\pm 0.25\%$
- No load wire volts max undulation ratio within 0.5%
- The fully covered load centre houses all the outlets, compression terminals, and circuit breakers
- Fully intelligent control, automatic shutdown when fault occurs.

Excellent Cooling System

- Exhaust silencing system totally enclosed for operator safety
- 50°C radiator as standard, oil cooler, drain tap.

Automatic Air-Bleeding

- Every time the engine key is turned on air is automatically purged from the fuel system.

Standard Features

- The control panel and wiring cabinet are installed inside of the same cabinet
- Compact structure and easy operation
- Easy transportation
- Stable performance and long service life
- Strong power, large output power, suitable for heavy duty
- Can be paralleled easily.

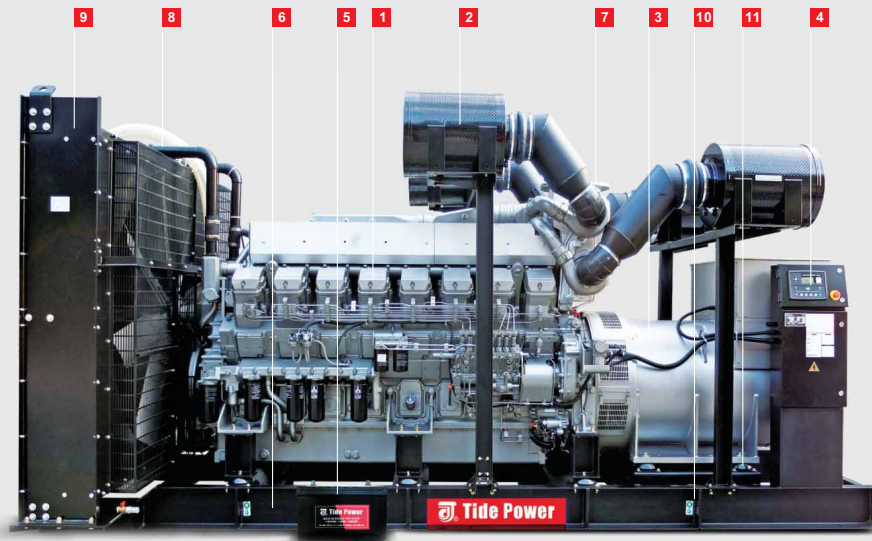
Customised Solutions

- Designed to meet the specific needs of particular niche markets, such as armed forces, extreme weather, civil protection services, telecom, data center, marine sector and so on.

Tide Power open generator sets cover a power range from 5kVA to 3900kVA

Delivering rugged, reliable mechanical and electrical performance, our diesel generator sets are also suited for power plants utility plants, distributed generation facilities, power sharing and power management at large commercial or industrial sites.

The power system is chosen for its ability to handle heavy duty load while maintaining reduced operating noise levels.



Standard Scope

- 1 Engine
- 2 Air cleaner
- 3 Alternator
- 4 Controller
- 5 Starting battery
- 6 Base frame
- 7 Mounting flange of vent-pipe
- 8 Coolant inlet
- 9 Radiator
- 10 Lifting lug
- 11 Vibration isolator
- 12 Silent & bellow (Supplied in loose)

OPEN TYPE GENERATING SET



The Open Generating set range offers a large choice of engines with powers ranging from **5 to 3900kVA** at 50 or 60Hz. The main features of our products are with baseframe designed to provide maximum compactness and contain overall generating set dimensions, which is often an essential requirement for installations in small spaces. The baseframe also acts as a fuel tank, ensuring high capacity fuel on-board. All the parts of the units are subject to a stringent operating test involving over 30 checks prior to delivery.

ENGINE	ALTERNATOR	CONTROL UNIT
Industrial engine, complete with cooling system, injection system automatic speed regulator, electrical ignition system and battery charger.	Industrial, brushless alternator with electronic voltage control system.	Control and governing panel box with ComAp as our standard in cabinet, 3 or 4 pole circuit breaker, differential choice of controller and breaker like DSE and ABB respectively also available for selection.

STANDARD SUPPLIES
<ul style="list-style-type: none"> The baseframe acts as a fuel tank with level gauge, plugs, loading and unloading forklift port High damping anti-vibration mounts placed between the engine/alternator and base frame Fuel filter Exhaust silencer Flange and gasket on engine Maintenance free battery Mounted battery charger Fully fan guard

OPTIONAL
<ul style="list-style-type: none"> Set-up quick release fittings (auxiliary, external tank connection) Engine oil extraction pump External sockets Oversize fuel tank ATS panel 220V electric socket or jacket water heater Air extraction conveyor Residential silencer Sound attenuated canopies or containerized enclosure Radiator liquid level sensor Tropical radiator PMG

SILENT TYPE GENERATOR SET



The soundproof Generating set range offers a very large application target with powers ranging from **5-650kVA** at 50 and 60Hz. The new and sturdy design whether it is canopies or containerized enclosure are with maximum noise reduction which make it suitable for all construction sites and home backup power supply, both mobile and stationary. At all time we have kept in our inventory a large range of accessories to answer any immediate need, for sales or after sales services. Our standard ComAp control panel with its stand alone cabinet is equipped with a large display screen, emergency button, ignition barrel and circuit breaker. Like every of our finished products, all the parts of the unit are subject to a stringent operating test involving over 30 checks prior to delivery.

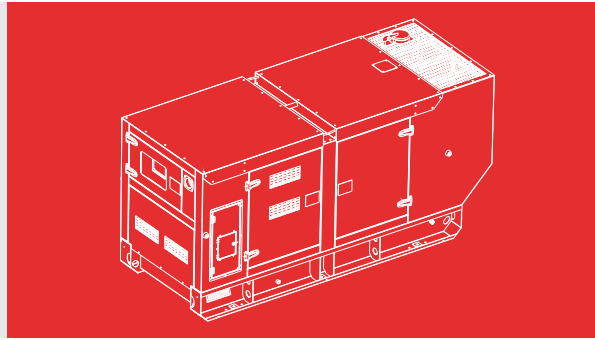
ENGINE	ALTERNATOR	CONTROL UNIT
Industrial engine, complete with cooling system, injection system with automatic speed regulator, electrical ignition system and battery charger.	Industrial, brushless alternator with electronic voltage control system.	Control and governing panel box with ComAp as our standard in cabinet, 2 or 4 pole circuit breaker, differential choice of controller and breaker like DSE and ABB respectively also available for selection.

STANDARD SUPPLIES
<ul style="list-style-type: none"> Control panel with digital control device mounted inside cabinet with large viewing window Load bearing baseframe with liquid retention basin High damping anti-vibration mounts placed between the engine/alternator and base frame Fuel tank with level gauge, plugs. Loading and unloading port Engine oil extraction pump Fuel filter Sound-insulated canopy made with powder coating cold roll sheet Sound-proofing for attenuation with non flammable foam Residential silencer Rain cap Top lifting points Maintenance free battery with switch Humming Device Battery switch Fuel level sensor Flat insulation foam

OPTIONAL
<ul style="list-style-type: none"> ATS changeover switch Panel Radiator liquid level sensor 220V electric socket or jacket water heater Canopy color can be requested if different from standard Slow moving trailer Heat guards PMG LED Aluminum lock and hinge

STANDARD SILENT GENERATOR SET (Fenova Design)

5kVA-650kVA



External Features



Canopy
Modern design and durable



Base Fuel Tank
Large capacity with unique self cleaning design. Keep dirt in center of the base



Lock
Lockable door for authorized operator only(Aluminum lock and hinge as option)



Access
Large canopy doors for convenient maintenance and inspection purposes(Flat insulation foam)



Air Intake
Ventilation compartment ensuring steady air intake with reduced noise levels



Emergency Stop Button
Easy reachable on outside



Frame
Unique design with access to ventilation area for easy maintenance

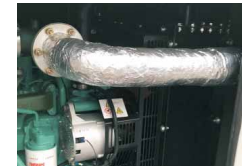


Beams
For hook transportation and positioning



Spray Paint
High quality powder coating for external use in any weather conditions

Internal Features



Safety
Guard installed to protect inside from direct heat generated by exhaust and manifold



Oil Pump
Standard manual oil pump



External Equipment Interface
Unique design skid base to simplify installation. Also environmental friendly



Battery Charger
Enables the battery to be in constant recharging in which the generator set can be started at all time



Speed Governor
Installed externally for easy future upgrades



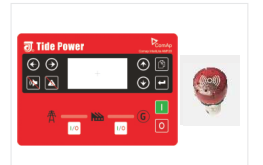
Maintenance Free Battery
Reliable maintenance free battery with switch as standard (Battery switch as standard)



Cable Outlet
Easy reachable with independent connection board



LED
Anti-explosive lighting as option



Control Panel
ComAp controller for reliability and ease of operation (Humming Device as standard, Deepsea and Woodward Controller as option)

ECONIC 8kVA-250kVA



1. Price competitive
2. More compact in size
3. Simple configuration with horizontal exhaust outlet
4. With side controller cabinet
5. Forklifting legs available
6. Skid base with pulling holes
7. Convenient fuel refilling inlet

With innovation and market competitiveness in mind, Tide Power is always one step ahead of the market in providing our clients with more selection in their promotion of the business. Our newly introduced series, The Econic, having all the alike unique features of our Fenova series, promises an even more compact size without sacrificing the needed reliability and quality.














NEW SERIES













Special arrangement of the unit comes with vertical ventilation for both inlet and outlet of air and with a more precise configuration. The whole enclosure is completed with unabridged steel plate which top lifting beam is not required as the complete set is equipped with forklifting sockets as well as strong trolling opening for ease of transportation. The large door of the enclosure can make maintenance process a lot easier and in addition, the outer locked fuel refilling inlet can also enable a more smooth operation.

All in all, Tide Power has made considerable study on the unit, may the price be competitive, there are a lot of features which are value added and should be of interest to most of the end users. Bear also in mind that the units are not only constructed solely for the purpose of having a relatively attractive price but it is cater for markets that needs a version that are appealing.





ENGINE:  FROM 9 TO 1875 kVA						
						
PRP kW	PRP kVA	ESP kW	ESP kVA	ENGINE	REG.	CONTROL PANEL
9	11	10	12	403D-11G	3L/NA	EC 2.0
13	16	14	17	403D-15G	3L/NA	EC 2.0
14	18	16	20	403A-15G2	3L/NA	EC 2.0
19	24	21	27	404D-22G	4L/NA	EC 2.0
28	35	31	38	1103A-33G	3L/NA	EC 2.0
40	50	45	56	1103A-33TG1	3L/TC	EC 2.0
54	68	60	75	1103A-33TG2	3L/TC	EC 2.0
60	75	67	84	1104A-44TG1	4L/TC	EC 2.0
72	90	80	100	1104A-44TG2	4L/TC	EC 2.0
90	112	100	125	1104C-44TAG2	4L/TCA	EC 2.0
120	150	132	165	1106A-70TG1	6L/TC	EC 3.0
135	169	150	188	1106A-70TAG2	6L/TCA	EC 3.0
158	197	175	219	1106A-70TAG3	6L/TCA	EC 3.0
180	225	200	250	1206A-E70TTAG1	6L/TCA	EC 4.0
196	245	215	269	1506A-E88TAG1	6L/TCA	EC 4.0
196	245	215	269	1506A-E88TAG2	6L/TCA	EC 4.0
225	281	250	313	1506A-E88TAG3	6L/TCA	EC 4.0
250	313	275	344	1506A-E88TAG4	6L/TCA	EC 4.0
270	338	300	375	1506A-E88TAG5	6L/TCA	EC 4.0
320	400	350	438	2206C-E13TAG2	6L/TCA	EC 4.0
350	438	400	500	2206A-E13TAG6	6L/TCA	EC 4.0
400	500	450	563	2506C-E15TAG1	6L/TCA	EC 4.0
455	569	500	625	2506C-E15TAG3	6L/TCA	EC 4.0
500	625	550	688	2806C-E18TAG1A	6L/TCA	EC 4.0
544	680	600	750	2806C-E18TAG3	6L/TCA	EC 4.0
600	750	660	825	4006-23TAG2A	6L/TCA	EC 3.0
680	850	755	944	4006-23TAG3A	6L/TCA	EC 3.0
707	884	780	975	4008TAG1	8L/TCA	EC 3.0
800	1000	880	1100	4008TAG2	8L/TCA	EC 3.0
1000	1250	1100	1375	4012-46TWG2A	12V/TCW	EC 3.0
1100	1375	1200	1500	4012-46TWG3A	12V/TCW	EC 3.0
1200	1500	1320	1650	4012-46TAG2A	12V/TCA	EC 3.0
1360	1700	1500	1875	4012-46TAG3A	12V/TCA	EC 3.0





OPEN SET					
					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg
FB11X-P	40	3	Tier 4 Final	1100 x 500 x1000	400
FB16X-P	50	4.4	Tier 4 Final	1150 x 600 x 1100	450
FB18X-P	50	4.32	N/A	1150 x 600 x 1100	480
FB24X-P	70	6.2	Tier 4 Final	1300 x 600 x 1150	550
FB35X-P	100	8.6	N/A	1600 x 730 x1250	720
FB50X-P	100	12.9	N/A	1600 x 730 x1250	750
FB68X-P	130	16.6	N/A	1650 x 730 x 1250	780
FB75X-P	140	17.8	N/A	1750 x 730 x 1250	850
FB90X-P	180	22.3	N/A	1750 x 730 x 1250	850
FB112X-P	220	26.9	Tier 2	1850 x 750 x1250	900
FB150X-P	280	35.2	N/A	2250 x 820 x 1450	1150
FB169X-P	310	38.2	N/A	2250 x 820 x 1450	1150
FB197X-P	370	46.4	N/A	2400 x 900 x 1600	1300
FB225X-P	440	54.5	N/A	2520 x 1000 x1600	1300
FB245X-P1	430	54.2	N/A	2520 x 1000 x1600	1300
FB245X-P2	430	54.2	N/A	2700 x 1000 x 1650	1650
FB281X-P	500	63.1	N/A	2700 x 1000 x 1650	1700
FB313X-P	550	68.2	N/A	3000 x 1120 x 1700	1850
FB338X-P	620	77.1	N/A	3000 x 1120 x 1700	1850
FB400X-P	670	84	N/A	3100 x 1150 x 1800	2500
FB438X-P	730	91	N/A	3200 x 1150 x 1800	2800
FB500X-P	800	100	N/A	3200 x 1150 x 1800	2800
FB569X-P	970	121	Tier 2	3200 x 1150 x 1800	2800
FB625X-P	1040	130	N/A	3350 x 1550 x 2250	3950
FB680X-P	1160	145	Tier 2	3400 x 1550 x 2250	4200
FB750X-P	N/A	176	N/A	3900 x 1700 x 2150	4700
FB850X-P	N/A	200	N/A	3900 x 1700 x 2150	4700
FB884X-P	N/A	199	N/A	4600 x 1870 x 2450	6500
FB1000X-P	N/A	224	N/A	4600 x 1870 x 2450	7000
FB1250X-P	N/A	266	N/A	4650 x 1870 x 2580	8700
FB1375X-P	N/A	291	N/A	4800 x 1870 x 2580	9300
FB1500X-P	N/A	315	N/A	4800 x 1870 x 2580	9500
FB1700X-P	N/A	356	N/A	5000 x 2250 x 2580	10800





FENOVA SERIES					
					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBa at 7m
FC11X-P	100	3	1900x790x1050	590	67
FC16X-P	100	4.4	1900x790x1050	650	67
FC18X-P	100	4.32	1900x790x1050	650	68
FC24X-P	115	6.2	2000x790x1100	730	68
FC35X-P	96	8.6	2250x1000x1200	1100	72
FC50X-P	140	12.9	2380x1050x1200	1150	68.5
FC68X-P	140	16.6	2380x1050x1200	1200	68
FC75X-P	190	17.8	2500x1050x1300	1360	69.5
FC90X-P	190	22.3	2500x1050x1300	1400	69.5
FC112X-P	200	26.9	2650x1050x1360	1700	70
FC150X-P	425	35.2	3150x1100x1500	1950	72
FC169X-P	560	38.2	3400x1100x1640	2150	72.5
FC197X-P	560	46.4	3400x1100x1640	2250	73
FC225X-P	620	54.5	3600x1200x1850	2950	73
FC245X-P1	640	54.2	3850x1300x2000	3450	74
FC245X-P2	640	54.2	3850x1300x2000	3200	74
FC281X-P	640	63.1	3850x1300x2000	3200	74
FC313X-P	770	68.2	4050x1405x2054	3700	75.5
FC338X-P	770	77.1	4050x1405x2054	3700	75.5
FC400X-P	1000	84	4450x1600x2150	4500	79
FC438X-P	730	91	4450x1600x2150	5100	79
FC500X-P	840	100	4850x1680x2230	5300	81
FC569X-P	840	121	4850x1680x2230	5350	83
FC625X-P	1060	130	5055x2055x2200	5800	83
FC680X-P	1160	145	5055x2055x2200	5850	83
ZC750X-P	N/A	176	5500x2100x2600	7000	≤85
ZC850X-P	N/A	200	5500x2100x2600	7000	≤85
BS884X-P	N/A	199	40HQ	11500	≤85
BS1000X-P	N/A	224	40HQ	12500	≤85
BS1250X-P	N/A	266	40HQ	12500	≤85
BS1375X-P	N/A	291	40HQ	12500	≤85
BS1500X-P	N/A	315	40HQ	12500	≤85
BS1700X-P	N/A	356	40HQ	12500	≤85





ECONIC SERIES					
					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBa at 7m
EC11X-P	30	3	1800x800x1050	500	70
EC16X-P	44	4.4	1800x800x1050	560	70
EC18X-P	43	4.32	1800x800x1050	560	71
EC24X-P	62	6.2	1900x850x1100	650	71
EC35X-P	86	8.6	2100x1000x1200	950	75
EC50X-P	129	12.9	2200x1050x1200	1000	71.5
EC68X-P	166	16.6	2200x1050x1200	1050	71
EC75X-P	178	17.8	2400x1050x1300	1200	72.5
EC90X-P	223	22.3	2400x1050x1300	1250	72.5
EC112X-P	215	26.9	2500x1050x1350	1550	74
EC150X-P	282	35.2	2850x1100x1450	1700	76
EC169X-P	306	38.2	3000x1100x1500	1900	76.5
EC197X-P	371	46.4	3000x1100x1500	2000	77
EC225X-P	620	54.5	3300x1200x1850	2567	76
EC245X-P1	640	54.2	3550x1300x2000	3002	77
EC245X-P2	640	54.2	3550x1300x2000	2784	77
EC281X-P	640	63.1	3550x1300x2000	2784	77
EC313X-P	770	68.2	3750x1405x2054	3219	78.5
EC338X-P	770	77.1	3750x1405x2054	3219	78.5
EC400X-P	1000	84	4150x1600x2150	3915	82
EC438X-P	730	91	4150x1600x2150	4437	82
EC500X-P	840	100	4550x1680x2230	4611	84
EC569X-P	840	121	4550x1680x2230	4655	≤85
EC625X-P	1060	130	4755x2055x2200	5046	≤85
EC680X-P	1160	145	4755x2055x2200	5090	≤85


N/A: None
NA: Naturally aspirated
TC: Turbocharged
TCW: Water-cooled Turbocharged
TCA: Turbocharged and air-air aftercooled

ENGINE:  FROM 20 TO 1875 kVA							
							
PRP kW	PRP kVA	ESP kW	ESP kVA	ENGINE	REG.	CONTROL PANEL	
20	25	22	27.5	4B3.9-G11	4L/NA	EC 2.0	
24	30	26	33	4B3.9-G2	4L/NA	EC 2.0	
28	35	30	38	4B3.9-G12	4L/NA	EC 2.0	
36	45	40	50	4BT3.9-G2	4L/TC	EC 2.0	
54	68	60	75	4BTA3.9-G2	4L/TCW	EC 2.0	
60	75	68	85	4BTA3.9-G2/1	4L/TCW	EC 2.0	
72	90	80	100	4BTA3.9-G11	4L/TCW	EC 2.0	
90	113	100	125	6BT5.9-G2	6L/TC	EC 3.0	
100	125	110	138	6BT5.9-G2/1	6L/TC	EC 3.0	
108	135	120	150	6BTA5.9-G2	6L/TCW	EC 3.0	
120	150	132	165	6BTA5.9-G2	6L/TCA	EC 3.0	
136	170	150	188	6BTA5.9-G12	6L/TCA	EC 3.0	
160	200	176	220	6CTA8.3-G2	6L/TCW	EC 3.0	
180	225	200	250	6CTA8.3-G2	6L/TCA	EC 3.0	
208	260	228	285	6LTA8.9-G2	6L/TCA	EC 3.0	
216	270	240	300	6LTA9.5-G3	6L/TCA	EC 3.0	
220	275	240	300	6LTA8.9-G3	6L/TCA	EC 3.0	
256	320	280	350	6LTA9.5-G1	6L/TC	EC 3.0	
310	388	340	425	6ZTA13-G3	6L/TCA	EC 3.0	
350	438	380	475	6ZTAA13-G2	6L/TCA	EC 3.0	
360	450	390	488	6ZTAA13-G4	6L/TCA	EC 3.0	
280	350	308	385	QSM11-G2	6L/TC	EC 4.0	
310	388	340	425	QS213-G6	6L/TC	EC 4.0	
350	438	375	469	QS213-G2	6L/TCA	EC 4.0	
360	450	390	488	QS213-G7	6L/TCA	EC 4.0	
380	475	420	525	QS213-G5	6L/TCA	EC 4.0	
400	500	440	550	QS213-G3	6L/TC	EC 4.0	
N/A	N/A	220	275	NT855-GA	6L/TC	EC 3.0	
250	313	275	344	NTA855-G1	6L/TCW	EC 3.0	
275	344	300	375	NTA855-G1B	6L/TCW	EC 3.0	
275	344	300	375	NTA855-G2	6L/TCW	EC 3.0	
315	394	350	438	NTA855-G3	6L/TCW	EC 3.0	
350	438	400	500	KTA19-G2	6L/TCW	EC 3.0	
410	512	450	563	KTA19-G3	6L/TCW	EC 3.0	
450	563	500	625	KTA19-G3A	6L/TCW	EC 3.0	
450	563	500	625	KTA19-G4	6L/TCW	EC 3.0	
470	587	550	688	KTAA19-G5	6L/TCA	EC 3.0	
N/A	N/A	600	750	KTAA19-G6A	6L/TCA	EC 3.0	
500	625	570	713	QSK19-G4	6L/TCA	EC 4.0	
550	688	600	750	QSK19-G5	6L/TCA	EC 4.0	
620	775	680	850	KT38-G	12V/TC	EC 3.0	
700	875	770	963	KTA38-G1	12V/TCW	EC 3.0	
725	906	800	1000	KTA38-G2	12V/TCW	EC 3.0	
750	938	830	1038	KTA38-G2B	12V/TCW	EC 3.0	
800	1000	900	1125	KTA38-G2A	12V/TCW	EC 3.0	
900	1125	1000	1250	KTA38-G4	12V/TCW	EC 3.0	
N/A	N/A	1100	1375	KTA38-G9	12V/TCW	EC 3.0	
960	1200	1150	1438	QSK38-G5	12V/TCW	EC 4.0	
1100	1375	1260	1575	KTA50-G3	16V/TCW	EC 3.0	
1260	1575	1500	1875	KTA50-G9	16V/TCW	EC 3.0	

OPEN SET								
								
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg			
FB25X-C	90	7.1	N/A	1650×700×1350	530			
FB30X-C	100	8.6	N/A	1650×700×1350	560			
FB35X-C	110	9.4	N/A	1650×700×1350	600			
FB45X-C	120	10.7	N/A	1700×1050×1350	660			
FB68X-C	130	15.9	N/A	1750×750×1350	720			
FB75X-C	140	17	N/A	1750×750×1350	720			
FB90X-C	160	20.1	N/A	1750×750×1350	720			
FB113X-C	230	28.5	N/A	2100×800×1450	820			
FB125X-C	240	29.7	N/A	2100×800×1450	820			
FB135X-C	250	31	N/A	2200×800×1450	900			
FB150X-C	270	34	N/A	2250×800×1450	1000			
FB170X-C	300	38	N/A	2250×850×1450	1000			
FB200X-C	350	44	N/A	2400×880×1550	1400			
FB225X-C	400	49	N/A	2500×1000×1600	1450			
FB260X-C	470	59	N/A	2550×1000×1670	1600			
FB270X-C	520	65	N/A	2850*1110*1771	2350			
N/A	N/A	N/A	N/A	N/A	N/A			
FB320X-C	540	68	N/A	2850*1110*1771	2350			
FB388X-C1	650	81	N/A	3100×1250×1800	3300			
FB438X-C1	760	95.6	N/A	3150×1300×2100	3850			
FB450X-C1	780	98.1	N/A	3150×1300×2100	3850			
FB350X-C	620	77	China 2	2900×1100×1700	3000			
FB388X-C2	710	88.7	Tier 3	3000×1360×2000	3600			
FB438X-C2	720	90.2	N/A	3000×1360×2000	3600			
FB450X-C2	810	101.3	Tier 3	3000×1360×2000	3600			
FB475X-C2	820	102.1	Tier 2	3100×1360×2000	3900			
FB500X-C1	830	104.1	N/A	3100×1360×2000	3900			
FB275X-C	480	59.4	N/A	2950×1100×1750	2800			
FB313X-C	600	73.4	N/A	2950×1100×1750	2900			
FB344X-C1	640	80.5	N/A	3100×1100×1750	3100			
FB344X-C2	640	80.5	N/A	3100×1100×1750	3300			
FB394X-C	700	87	N/A	3000×1100×1750	3300			
FB438X-C2	780	98	N/A	3100×1300×2100	3700			
FB512X-C	900	111	N/A	3150×1300×2100	3850			
FB563X-C1	1000	122	N/A	3250×1300×2100	4000			
FB563X-C2	1000	122	N/A	3250×1300×2100	4000			
FB587X-C	1070	134	N/A	3500×1550×2200	4300			
FB750XE-C	1120	140	N/A	3600×1550×2200	4450			
FB625X-C	1120	140	Tier 2	3800×1700×2200	4600			
FB688X-C	1200	151	Tier 2	3800×1700×2200	4600			
FB775X-C	N/A	154	N/A	4200×1700×2400	7600			
FB875X-C	N/A	198	N/A	4200×1700×2400	7600			
FB906X-C	N/A	204	N/A	4200×1700×2400	7600			
FB938X-C	N/A	208	N/A	4200×1700×2400	7600			
FB1000X-C	N/A	226	N/A	4300×1700×2400	8200			
FB1125X-C	N/A	245	N/A	4350×2100×2400	8900			
FB1375XE-C	N/A	253	N/A	4350×2100×2400	8900			
FB1200X-C	N/A	262	Tier 2	4900×2150×2400	9200			
FB1375X-C	N/A	291	N/A	4800×2100×2400	9100			
FB1575X-C	N/A	330	N/A	5000×2200×2500	11000			

FENOVA SERIES								
								
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBA at 7m			
FC25X-C	100	7.1	2450×1050×1200	1000	69			
FC30X-C	100	8.6	2450×1050×1200	1050	69			
FC35X-C	120	9.4	2450×1050×1200	1050	69			
FC45X-C	120	10.7	2550×1050×1200	1100	70			
FC68X-C	210	15.9	2700×1100×1400	1300	71			
FC75X-C	210	17	2700×1100×1400	1300	71			
FC90X-C	210	20.1	2700×1100×1400	1350	71			
FC113X-C	300	28.5	3000×1100×1450	1550	72			
FC125X-C	310	29.7	3000×1100×1450	1550	72			
FC135X-C	310	31	3100×1100×1500	1650	70			
FC150X-C	345	34	3250×1100×1500	1750	71			
FC170X-C	400	38	3500×1100×1800	1850	71			
FC200X-C	400	44	3450×1100×1850	2200	70			
FC225X-C	500	49	3700×1100×1850	2400	71			
N/A	N/A	N/A	N/A	N/A	N/A			
FC270X-C	550	65	4150×1400×2150	3000	75			
FC275X-C	500	62	3850×1100×2000	2480	72.5			
FC320X-C	600	68	4150×1400×2150	3100	75			
FC388X-C1	1646	81	4600×1850×2200	4570	≤80			
FC438X-C1	1135	95.6	4600×1850×2230	4550	≤80			
FC450X-C1	1100	98.1	4703×1856×2202	4813	≤80			
FC350X-C	650	77	4200×1300×2150	4200	73.2			
FC388X-C2	750	88.7	4800×1800×2230	4500	≤85			
FC438X-C2	930	90.2	4800×1800×2230	4500	≤85			
FC450X-C2	930	101.3	4800×1800×2230	4600	≤85			
FC475X-C2	930	102.1	4800×1800×2230	4600	≤85			
FC500X-C1	1100	104.1	4703×1856×2202	4813	≤85			
N/A	N/A	N/A	N/A	N/A	N/A			
FC313X-C	960	73.4	4200×1500×2122	4100	76.8			
FC344X-C1	960	80.5	4200×1500×2122	4250	77			
FC344X-C2	996	80.5	4300×1500×2150	4350	77.5			
FC394X-C	1000	87	4300×1500×2150	4450	77.5			
FC438X-C3	975	98	4855×1800×2230	4900	78			
FC512X-C	975	111	4855×1800×2230	4900	78			
FC563X-C1	975	122	4855×1800×2230	4900	78			
FC563X-C2	975	122	4855×1800×2230	4900	78			
FC587X-C	1122	134	5153×1956×2454	5500	78			
FC750XE-C	1100	140	5150×1950×2400	5750	78			
FC625X-C	1078	140	5150×1950×2400	5950	≤85			
FC688X-C	1100	151	5300×1950×2400	6300	≤85			
ZC775X-C	N/A	154	5900×2000×2500	10500	≤85			
ZC875X-C	N/A	198	5900×2000×2500	10500	≤85			
ZC906X-C	N/A	204	5900×2000×2500	10500	≤85			
BS938X-C	N/A	208	20FT	11500	≤85			
BS1000X-C	N/A	226	20FT	11500	≤85			
BS1125X-C	N/A	245	40FT	15000	≤85			
BS1375XE-C	N/A	253	40FT	15000	≤85			
BS1200X-C	N/A	262	40FT	15000	≤85			
BS1375X-C	N/A	291	40FT	15000	≤85			
BS1575X-C	N/A	330	40FT	16500	≤85			


ECONIC SERIES								
								
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBA at 7m			
EC25X-C	71	7.1	2200×1050×1200	900	72			
EC30X-C	86	8.6	2200×1050×1200	900	72			
EC35X-C	94	9.4	2200×1050×1200	900	72			
EC45X-C	107	10.7	2280×1050×1200	950	73			
EC68X-C	159	15.9	2360×1100×1400	1100	74			
EC75X-C	170	17	2360×1100×1400	1100	74			
								

ENGINE:  FROM 45 TO 2000 kVA						
PRP kW	PRP kVA	ESP kW	ESP kVA	ENGINE	REG.	CONTROL PANEL
45	56	50	63	4BT3.3-G3	4L/TCA	EC 2.0
72	90	80	100	QS85-G3	4L/TCA	EC 2.0
80	100	90	113	QS85-G4	4L/TCA	EC 2.0
90	113	100	125	QS85-G5	4L/TCA	EC 2.0
113	141	125	156	QS85-G6	4L/TCA	EC 2.0
136	170	150	188	QSB7-G3	6L/TCA	EC 4.0
160	200	176	220	QSB7-G4	6L/TCA	EC 4.0
180	225	200	250	QSB7-G5	6L/TCA	EC 4.0
210	263	230	288	QSL9-G2	6L/TCA	EC 4.0
227	284	250	313	QSL9-G3	6L/TCA	EC 4.0
275	344	300	375	QSL9-G5	6L/TCA	EC 4.0
320	400	350	438	NTA855-G3	6L/TCA	EC 3.0
356	445	400	500	QSX15-G4	6L/TCA	EC 4.0
360	450	400	500	QSX15-G6	6L/TCA	EC 4.0
360	450	400	500	QSX15-G8	6L/TCA	EC 4.0
400	500	450	563	QSX15-G7	6L/TCA	EC 4.0
450	563	500	625	QSX15-G9	6L/TCA	EC 4.0
500	625	550	688	QSK19-G4	6L/TCA	EC 4.0
550	688	600	750	QSK19-G5	6L/TCA	EC 4.0
728	910	800	1000	QSK23-G3	6L/TCA	EC 4.0
823	1030	900	1125	QST30-G3	12V/TCW	EC 4.0
920	1150	1012	1265	QST30-G4	12V/TCW	EC 4.0
965	1206	1160	1450	QSK38-G5	12V/TCW	EC 4.0
1134	1418	1250	1563	KTA50-G3	16V/TCW	EC 3.0
1275	1594	1400	1750	QSK50-G3	16V/TCW	EC 4.0
1295	1619	1500	1875	KTA50-G9	16V/TCW	EC 3.0
1365	1706	1500	1875	QSK50-G4	16V/TCW	EC 4.0
1825	2281	2000	2500	QSK60-G12	16V/TCW	EC 4.0

OPEN SET					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg
FB56X-Q	100	13	N/A	1750x750x1350	720
FB90X-Q	210	26	Stage 3A / Tier 3	1800x850x1400	1230
FB100X-Q	220	27	Stage 3A / Tier 3	1850x850x1400	1250
FB113X-Q	230	29	Stage 3A / Tier 3	1900x850x1400	1350
FB141X-Q	280	35	Stage 3A / Tier 3	2150x870x1600	1400
FB170X-Q	340	42	Stage 3A / Tier 3	2250x870x1700	1600
FB200X-Q	370	46	Stage 3A / Tier 3	2400x870x1700	1800
FB225X-Q	400	50	Stage 3A / Tier 3	2400x870x1700	1800
FB263X-Q	510	64	Stage 3A / Tier 3	2800x1270x1750	2450
FB284X-Q	560	70	Stage 3A / Tier 3	2850x1270x1750	2600
FB344X-Q	600	75	N/A	2900x1270x1750	3000
FB400X-Q	700	87	N/A	3000x1100x1750	3300
FB445X-Q	780	97.6	Stage 2 / Tier 2	3350x1370x2050	3850
FB450X-Q1	780	97.6	Stage 2 / Tier 2	3350x1370x2050	3850
FB450X-Q2	780	97.6	Stage 2 / Tier 2	3350x1370x2050	3850
FB500X-Q	860	108	Stage 2 / Tier 2	3400x1370x2050	3950
FB563X-Q	940	117.8	Stage 2 / Tier 2	3400x1370x2050	3950
FB625X-Q	1120	143	Tier 2	3800x1700x2200	4600
FB688X-Q	1220	153	Tier 2	3700x1560x2230	4850
FB910X-Q	N/A	189	N/A	4100x1560x2050	5550
FB1030X-Q	N/A	207	N/A	4300x1760x2230	6500
FB1150X-Q	N/A	240	N/A	4300x1760x2230	6500
FB1206X-Q	N/A	262	Tier 2	4400x2100x2230	8200
FB1418X-Q	N/A	291	N/A	5000x2100x2230	9300
FB1594X-Q	N/A	338	Tier 2	5100x2150x2230	9800
FB1619X-Q	N/A	330	N/A	5000x2200x2500	11000
FB1706X-Q	N/A	363	Tier 2	5750x2200x2550	12500
FB2281X-Q	N/A	496	Tier 2	6050x2286x2750	15000

FENOVA SERIES					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBa at 7m
ZC56X-Q	100	13	2720x1140x1400	1300	67
ZC90X-Q	210	26	3000x1140x1450	1550	67
ZC100X-Q	220	27	3000x1140x1450	1550	67
ZC113X-Q	230	29	3000x1140x1450	1650	67
ZC141X-Q	280	35	3120x1100x1500	1850	67
ZC170X-Q	340	42	3120x1100x1500	1950	67
ZC200X-Q	370	46	3470x1140x1850	2200	68.3
ZC225X-Q	400	50	3470x1140x1850	2200	68.3
ZC263X-Q	510	64	4100x1450x2050	4050	76
ZC284X-Q	560	70	4200x1450x2050	4200	76
ZC344X-Q	600	75	4200x1450x2050	4250	76
ZC400X-Q	1000	87	4300x1500x2150	4230	77.5
ZC445X-Q	780	97.6	4800x1600x2250	5800	78
ZC450X-Q1	780	97.6	4800x1600x2250	5800	78
ZC450X-Q2	780	97.6	4800x1600x2250	5800	78
ZC500X-Q	860	108	4800x1600x2250	5800	78
ZC563X-Q	940	117.8	4800x1600x2250	5800	78
ZC625X-Q	1120	143	5300x1950x2250	6800	78
ZC688X-Q	1200	153	5300x1950x2250	6800	78
ZC910X-Q	N/A	189	5700x1950x2500	8500	≤82
ZC1030X-Q	N/A	207	5900x2000x2500	10500	≤85
BS1150X-Q	N/A	240	20FT	10500	≤85
BS1206X-Q	N/A	262	40FT	15000	≤85
BS1418X-Q	N/A	291	40HQ	16000	≤85
BS1594X-Q	N/A	338	40HQ	16000	≤85
BS1619X-Q	N/A	330	40FT	16500	≤85
BS1706X-Q	N/A	363	40HQ	18000	≤85
ZC2281X-Q	N/A	496	12192x3000x3652	23000	≤85


N/A: None
 NA: Naturally aspirated
 TC: Turbocharged
 TCW: Water-cooled Turbocharged
 TCA: Turbocharged and air-air aftercooled

ENGINE:  FROM 315 TO 2500 kVA						
PRP kW	PRP kVA	ESP kW	ESP kVA	ENGINE	REG.	CONTROL PANEL
360	450	400	500	6M26D447E201	6L/TCA	EC 3.0
400	500	450	562	6M26D506E201	6L/TCA	EC 3.0
460	575	520	650	6M33D572E201	6L/TCA	EC 3.0
520	650	570	712	6M33D633E201	6L/TCA	EC 3.0
550	687	600	750	6M33D670E201	6L/TCA	EC 3.0
640	800	700	875	12M26D792E201	12V/TCA	EC 3.0
720	900	800	1000	12M26D902E201	12V/TCA	EC 3.0
800	1000	900	1125	12M26D1012E201	12V/TCA	EC 3.0
900	1125	1000	1250	12M33D1108E201	12V/TCA	EC 3.0
1000	1250	1100	1375	12M33D1265E201	12V/TCA	EC 3.0
1100	1375	1200	1500	12M33D1360E311	12V/TCA	EC 3.0
1180	1475	1300	1625	16M33D1430E311	16V/TCW	EC 4.0
1300	1625	1440	1800	16M33D1580E311	16V/TCW	EC 4.0
1400	1750	1520	1900	16M33D1680E311	16V/TCW	EC 4.0
1500	1875	1650	2062	16M33D1785E311	16V/TCW	EC 4.0
N/A	N/A	1750	2187	16M33D1920E311	16V/TCW	EC 4.0
1600	2000	1800	2250	12M55D1950E311	16V/TCW	EC 4.0
1800	2250	2000	2500	12M55D2230E311	12V/TCW	EC 4.0
2000	2500	2200	2750	12M55D2420E311	12V/TCW	EC 4.0
N/A	N/A	2500	3125	12M55D2700E311	12V/TCW	EC 4.0

OPEN SET					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg
FB450X-B	800	110.4	Stage 2	3000X1360X2000	3400
FB500X-B	850	125.0	Stage 2	3250X1300X2100	4000
FB575X-B	950	141.3	Stage 2	3500X1550X2200	4300
FB650X-B	1150	156.4	Stage 2	3500X1550X2200	4600
FB687X-B	N/A	165.5	Stage 2	4200X1700X2400	4700
FB800X-B	N/A	195.6	Stage 2	4200X1700X2400	4700
FB900X-B	N/A	222.8	Stage 2	4200X1700X2400	4700
FB1000X-B	N/A	250.0	Stage 2	4200X1700X2400	6500
FB1125X-B	N/A	273.7	Stage 2	4350X2100X2400	7000
FB1250X-B	N/A	312.5	Stage 2	4350X2100X2400	7800
FB1375X-B	N/A	336.0	Stage 3	4350X2100X2400	8700
FB1475X-B	N/A	353.2	Stage 3	4900X2200X2450	9300
FB1625X-B	N/A	390.3	Stage 3	5000X2200X2500	9500
FB1750X-B	N/A	415.0	Stage 3	5000X2200X2580	10800
FB1875X-B	N/A	441.0	Stage 3	5000X2200X2580	11000
FB2187XE-B	N/A	474.2	Stage 3	5600X2300X3350	11500
FB2000X-B	N/A	481.7	Stage 3	5600X2300X3350	11500
FB2250X-B	N/A	550.8	Stage 3	5600X2300X3350	11500
FB2500X-B	N/A	597.7	Stage 3	5800X2300X3350	13000
FB2500XE-B	N/A	667.0	Stage 3	5800X2300X3350	13000

FENOVA SERIES					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBa at 7m
FC450X-B	930	110.4	4800X1750X2230	5100	78
FC500X-B	930	125.0	4800X1750X2230	5250	78
FC575X-B	930	141.3	4800X1750X2230	5650	78
FC650X-B	960	156.4	5300X1950X2400	5950	≤85
FC687X-B	N/A	165.5	5900X2000X2500	10500	≤85
FC800X-B	N/A	195.6	5900X2000X2500	10500	≤85
FC900X-B	N/A	222.8	5900X2000X2500	10500	≤85
BS1000X-B	N/A	250.0	20FT	10500	≤85
BS1125X-B	N/A	273.7	40FT	15000	≤85
BS1250X-B	N/A	312.5	40FT	15000	≤85
BS1375X-B	N/A	336.0	40HQ	16000	≤85
BS1475X-B	N/A	353.2	40HQ	17500	≤85
BS1625X-B	N/A	390.3	40HQ	18500	≤85
BS1750X-B	N/A	415.0	40HQ	19500	≤85
BS1875X-B	N/A	441.0	40HQ	20500	≤85
BS2187XE-B	N/A	474.2	40HQ	20500	≤85
BS2000X-B	N/A	481.7	40HQ	23000	≤85
BS2250X-B	N/A	550.8	40HQ	23000	≤85
BS2500X-B	N/A	597.7	40HQ	24000	≤85
BS2500XE-B	N/A	667.0	40HQ	24000	≤85

ECONIC SERIES					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBa at 7m
EC450X-B	930	87	4300x1750x2300	4692	≤82
EC500X-B	930	99	4500x1750x2330	4692	≤82
EC575X-B	1120	114	4850x1850x2500	5814	≤82
EC650X-B	1100	128	4900x1850x2500	6426	≤82
EC687X-B	1100	136	5000x1850x2500	6426	≤82
EC800X-B	N/A	158	5600x1950x2500	9894	≤85
EC900X-B	N/A	178	5800x2050x2500	9894	≤85

ENGINE:  FROM 12 TO 688 kVA						
PRP kW	PRP kVA	ESP kW	ESP kVA	ENGINE	REG.	CONTROL PANEL
12	15	13	16	SL2100ABD	2L/NA	EC 2.0
16	20	17.6	22	SL2105ABD	2L/NA	EC 2.0
27	34	30	38	4DW92-45D	4L/TC	EC 2.0
36	45	40	50	4DX21-61D	4L/NA	EC 2.0
45	56	50	63	4DX22-75D	4L/TC	EC 2.0
56	70	62	78	4DX23-90D	4L/TCA	EC 2.0
60	75	66	83	4HT4.3-G21	4L/TC	EC 2.0
80	100	88	110	4HT4.3-G23	4L/TC	EC 2.0
100	125	110	138	4HTAA4.3-G21	4L/TCA	EC 2.0
150	188	165	206	6HTAA6.5-G22	6L/TCA	EC 3.0
200	250	220	275	6DTAA8.9-G21	6L/TCA	EC 3.0
250	313	275	344	6DTAA8.9-G23	6L/TCA	EC 3.0
300	375	330	413	6ETAA11.8-G21	6L/TCA	EC 3.0
340	425	372	465	6ETAA11.8-G31	6L/TCA	EC 3.0
400	500	440	550	WD269TAD41-10	12V/TCA	EC 3.0
460	575	500	625	WD269TAD45-10	12V/TCA	EC 3.0
500	625	550	688	WD269TAD50-10	12V/TCA	EC 3.0
600	750	660	825	WD287TAD61L-10	12V/TCA	EC 3.0
672	840	740	925	WD327TAD68-10	12V/TCA	EC 3.0
760	950	836	1045	WD327TAD78-10	12V/TCA	EC 3.0
800	1000	880	1100	WD327TAD82-10	12V/TCA	EC 3.0
8	10	8.8	11	Y480BD	4L/NA	EC 2.0
10	12.5	11	14	Y480BD	4L/NA	EC 2.0
12	15	13.2	16.5	Y480BD	4L/NA	EC 2.0
16	20	17.6	22	Y485BD	4L/NA	EC 2.0
20	25	22	27.5	K4100D	4L/NA	EC 2.0
26	32	28	35	K4100D	4L/NA	EC 2.0
36	45	40	50	K4100ZD	4L/TC	EC 2.0
48	60	53	66	R4105ZD	4L/TC	EC 2.0
60	75	66	83	R4105AZLD	4L/TC	EC 2.0
72	90	80	100	R6105ZD	6L/TC	EC 3.0
100	125	110	138	R6105AZLD	6L/TCA	EC 3.0
120	150	132	165	R6105IZLD	6L/TCA	EC 3.0
144	180	160	200	R6110ZLD	6L/TCA	EC 3.0
180	225	200	250	TH6126AZLD	6L/TCA	EC 3.0
200	250	220	275	TH6126AZLD	6L/TCA	EC 3.0
220	275	242	303	TH6126AZLD	6L/TCA	EC 3.0
260	325	288	360	TH6126IZLD	6L/TCA	EC 3.0
320	400	352	440	SY258TAD41	12V/TCA	EC 3.0
360	450	400	500	SYG258TAD45	12V/TCA	EC 3.0
400	500	440	550	SYG258TAD51	12V/TCA	EC 3.0
500	625	550	688	SYG266TAD63	12V/TCA	EC 3.0

OPEN SET						
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg	
FB15X-G	40	5.3	N/A	1250x700x1000	520	
FB20X-G	50	6	N/A	1300x700x1000	550	
FB34X-G	70	8.8	Stage 2	1450x700x1050	630	
FB45X-G	100	11.8	Stage 2	1600x730x1120	660	
FB56X-G	110	14.0	Stage 2	1700x760x1150	720	
FB70X-G	130	16.5	Stage 2	1800x760x1150	760	
FB75X-G	130	15.8	N/A	2100x880x1700	1060	
FB100X-G	170	21.6	N/A	2300x880x1700	1200	
FB125X-G	200	25.6	N/A	2300x880x1700	1300	
FB188X-G	300	36.3	N/A	2700x900x1850	1400	
FB250X-G	400	50.9	N/A	2800x900x1850	1800	
FB313X-G	500	63.0	N/A	3000x1120x1850	2300	
FB375X-G	600	75.8	N/A	3200x1120x1950	2760	
FB425X-G	640	80.3	N/A	3200x1120x1950	2860	
FB500X-G	850	106	N/A	3450x1550x2250	3660	
FB575X-G	940	118	N/A	3550x1550x2250	3860	
FB625X-G	1020	128	N/A	3550x1550x2250	3950	
FB750X-G	N/A	157	N/A	3650x1550x2250	4150	
FB840X-G	N/A	171	N/A	3750x1780x2250	5550	
FB950X-G	N/A	196	N/A	4100x1800x2250	6250	
FB1000X-G	N/A	206	N/A	4100x1800x2250	6350	
FB10X-F	40	5	N/A	1300x850x1100	450	
FB12.5X-F	40	5	N/A	1300x850x1100	450	
FB15X-F	40	5	N/A	1300x850x1100	450	
FB20X-F	50	5.7	N/A	1300x850x1100	450	
FB25X-F	80	10	N/A	1700x720x1200	630	
FB32X-F	80	10	N/A	1700x720x1200	650	
FB45X-F	100	13	N/A	1700x740x1200	680	
FB60X-F	140	17.2	N/A	1800x760x1200	780	
FB75X-F	160	19.5	N/A	2000x760x1350	920	
FB90X-F	180	23	N/A	2150x820x1400	1230	
FB125X-F	260	32.1	N/A	2250x820x1400	1280	
FB150X-F	310	38.4	N/A	2350x860x1450	1380	
FB180X-F	370	46.4	N/A	2550x1000x1550	1520	
FB225X-F	530	66	N/A	2900x1120x1650	2080	
FB250X-F	530	66	N/A	2900x1120x1650	2080	
FB275X-F	530	66	N/A	2900x1120x1650	2080	
FB325X-F	700	86.7	N/A	3050x1250x1780	2550	
FB400X-F	700	86	N/A	3850x1500x2150	4150	
FB450X-F	820	103	N/A	3900x1700x2150	4250	
FB500X-F	850	106	N/A	3950x1700x2150	4350	
FB625X-F	1070	134	N/A	4000x1750x2180	4400	

FENOVA SERIES						
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBA at 7m	
FC15X-G	50	5.3	2000x850x1056	720	71	
FC20X-G	50	6.0	2000x885x1056	725	71	
FC34X-G	90	8.8	2152x885x1106	920	72	
FC45X-G	120	11.8	2250x1000x1200	1050	73	
FC56X-G	130	14.0	2200x950x1280	1100	73	
FC70X-G	160	16.5	2600x1050x1230	1200	73	
FC75X-G	160	15.8	2800x1050x1350	1650	72	
FC100X-G	220	21.6	3150x1100x1560	2100	74	
FC125X-G	260	25.6	3150x1100x1560	2100	74	
FC188X-G	260	36.3	3950x1100x1900	3000	75	
FC250X-G	510	50.9	4100x1300x2200	3200	75	
FC313X-G	470	63.0	4100x1300x2200	3500	76	
FC375X-G	570	75.8	4400x1600x2250	4100	77	
FC425X-G	600	80.3	4400x1600x2250	4200	78	
FC500X-G	850	106	5100x1900x2450	5600	80	
FC575X-G	940	118	5300x1900x2450	5800	80	
FC625X-G	1020	128	5300x1900x2450	6200	80	
FC750X-G	N/A	157	5300x1900x2450	6500	81	
FC840X-G	N/A	171	5700x2000x2550	7600	81	
FC950X-G	N/A	196	5900x2000x2550	8500	82	
FC1000X-G	N/A	206	5900x2000x2550	8700	82	
FC10X-F	40	5	2000x950x1120	690	66	
FC12.5X-F	40	5	2000x950x1120	690	66	
FC15X-F	40	5	2000x950x1120	690	67	
FC20X-F	50	5.7	2000x950x1120	720	67	
FC25X-F	80	10	2270x1000x1200	1050	68	
FC32X-F	80	10	2270x1000x1200	1050	68	
FC45X-F	100	13	2550x1050x1200	1200	69	
FC60X-F	140	17.2	2600x1050x1200	1260	69	
FC75X-F	160	19.5	2600x1050x1200	1260	69	
FC90X-F	180	23.0	2750x1050x1200	1420	70	
FC125X-F	260	32.1	3150x1100x1560	1850	71	
FC150X-F	310	38.4	3150x1100x1560	2000	71	
FC180X-F	370	46.4	3300x1100x1560	2000	72	
FC225X-F	530	66.0	3600x1100x1850	2250	72	
FC250X-F	530	66.0	3950x1100x1900	2600	75	
FC275X-F	530	66.0	3950x1100x1900	2600	75	
FC325X-F	520	86.7	4100x1500x1900	3800	77	
FC400X-F	580	96.0	4650x1760x2230	5300	78	
FC450X-F	640	106.0	4800x1760x2230	5500	79	
FC500X-F	710	118.6	4800x1760x2230	5600	79	
FC625X-F	850	142.0	4900x1760x2230	5800	79	

ECONIC SERIES						
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBA at 7m	
EC15X-G	53	5.3	1800x850x1100	630	74	
EC20X-G	60	6.0	1800x850x1100	650	74	
EC34X-G	88	8.8	1900x930x1050	900	75	
EC45X-G	118	11.8	2100x1050x1100	1100	76	
EC56X-G	140	14.0	2200x1050x1100	1200	76	
EC70X-G	165	16.5	2400x1050x1210	1250	76	
EC75X-G	158	15.8	2500x1100x1400	1250	75	
EC100X-G	173	21.6	2500x1100x1400	1350	78	
EC125X-G	205	25.6	2600x1100x1500	1400	78	
EC188X-G	290	36.3	3100x1100x1700	2050	79	
EC250X-G	407	50.9	3200x1100x1850	2150	79	
EC313X-G	504	63.0	3350x1100x2050	2400	80	
EC375X-G	570	75.8	4000x1450x2350	4100	80	
EC425X-G	600	80.3	4000x1450x2350	4200	81	
EC500X-G	850	106	4700x1750x2550	5600	83	
EC575X-G	940	118	4900x1750x2550	5800	83	
EC625X-G	1020	128	4900x1750x2550	6200	83	
EC750X-G	N/A	157	4900x1750x2550	6500	≤85	
EC840X-G	N/A	171	5300x1850x2650	7600	≤85	
EC950X-G	N/A	196	5500x1850x2650	8500	≤85	
EC1000X-G	N/A	206	5500x1850x2650	8700	≤85	

N/A: None
 NA: Naturally aspirated
 TC: Turbocharged
 TCW: Water-cooled Turbocharged
 TCA: Turbocharged and air-air aftercooled

ENGINE: DOOSAN FROM 14 TO 930 kVA						
PRP kW	PRP kVA	ESP kW	ESP kVA	ENGINE	REG.	CONTROL PANEL
14	18	16	20	SP173NC	3L/NA	EC 2.0
14	18	16	20	SP173ND	3L/NA	EC 2.0
20	25	22	28	SP224NC	4L/NA	EC 2.0
26	32	28	35	SP244TC	4L/TC	EC 2.0
155	194	170	213	P086TI-1	6L/TC	EC 3.0
184	230	200	250	P086TI	6L/TC	EC 3.0
250	313	268	335	P126TI	6L/TC	EC 3.0
278	348	310	388	P126TI-II	6L/TC	EC 3.0
320	400	352	440	DP126LB	8V/TCA	EC 3.0
352	440	400	500	P158LE	8V/TCA	EC 3.0
416	520	460	575	DP158LC	8V/TCA	EC 3.0
450	563	500	625	DP158LD	8V/TCA	EC 3.0
500	625	550	688	DP180LA	10V/TCA	EC 3.0
540	675	600	750	DP180LB	10V/TCA	EC 3.0
632	790	700	875	DP222LB	12V/TCA	EC 3.0
674	842	744	930	DP222LC	12V/TCA	EC 3.0

OPEN SET					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg
FB18X-K1	60	5.1	N/A	1150 x 600 x 1100	480
FB18X-K2	60	5.1	Tier 4 Final	1150 x 600 x 1100	480
FB25X-K	100	7.3	N/A	1300 x 600 x 1150	550
FB32X-K	110	9.0	N/A	1300 x 600 x 1150	550
FB194X-K	340	42.4	N/A	2550x950x1550	1650
FB230X-K	400	50.6	Tier 2	2600x950x1550	1800
FB313X-K	560	70.3	Tier 2	2900x1050x1600	1950
FB348X-K	600	73.8	N/A	3000x1050x1600	2200
FB400X-K	680	85.8	N/A	2800x1400x1850	2400
FB440X-K	820	102.5	N/A	2900x1400x1850	2550
FB520X-K	900	111.5	N/A	2900x1400x1850	2550
FB563X-K	900	127.1	N/A	3100x1400x1950	3100
FB625X-K	1000	140.5	N/A	3300x1400x2100	3500
FB675X-K	1060	150.7	N/A	3300x1400x2100	3500
FB790X-K	1040	172.7	M/A	3400x1400x2100	3800
FB842X-K	1100	183.2	N/A	3400x1400x2100	3800

FENOVA SERIES					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBA at 7m
FC18X-K1	70	5.1	2000x930x1100	680	67
FC18X-K2	70	5.1	2000x930x1100	680	67
FC25X-K	100	7.3	2250x1000x1200	840	67
FC32X-K	130	9.0	2380x1050x1200	900	67
FC194X-K	560	42.4	3900x1100x1850	2500	70
FC230X-K	560	50.6	3900x1100x1850	2600	76
FC313X-K	770	70.3	4200x1400x2122	3145	80
FC348X-K	770	73.8	4200x1400x2122	3145	80
FC400X-K	791	85.8	4300x1600x2240	3923	80
FC440X-K	791	102.5	4300x1600x2240	3923	80
FC520X-K	856	111.5	4500x1680x2250	4435	78
FC563X-K	856	127.1	4500x1680x2250	4435	77
FC625X-K	1069	140.5	4805x2006x2452	5420	77
FC675X-K	1069	150.7	4805x2006x2452	5420	82
FC790X-K	1040	172.7	5400x1950x2540	6300	85
FC842X-K	1100	183.2	5600x1700x2500	6350	85

N/A: None
 NA: Naturally aspirated
 TC: Turbocharged
 TCW: Water-cooled Turbocharged
 TCA: Turbocharged and air-air aftercooled






ENGINE: DOOSAN FROM 20 TO 825 kVA						
PRP kW	PRP kVA	ESP kW	ESP kVA	ENGINE	REG.	CONTROL PANEL
20	25	22	28	BFM3 G1	4L / NA	EC 2.0
28	35	30	38	BFM3 G2	4L / NA	EC 2.0
38	47.5	42	52	BFM3T	4L/TC	EC 2.0
48	60	52	65	BFM3C	4L/TCA	EC 2.0
56	70	60	75	BF4M2012	4L/TC	EC 2.0
64	80	72	90	BF4M2012C G1	4L/TCA	EC 2.0
80	100	88	110	BF4M2012C G2	4L/TCA	EC 2.0
90	112	96	120	BF4M1013EC G1	4L/TCA	EC 2.0
100	125	112	140	BF4M1013EC G2	4L/TCA	EC 2.0
110	138	120	150	BF4M1013FC	4L/TCA	EC 2.0
134	168	144	180	BF6M1013EC G1	6L/TCA	EC 3.0
160	200	172	215	BF6M1013EC G2	6L/TCA	EC 3.0
168	210	176	220	BF6M1013FCG2	6L/TCA	EC 4.0
176	220	196	245	BF6M1013FCG3	6L/TCA	EC 4.0
200	250	220	275	BF6M1015-LA GB	6V/TC	EC 3.0
220	275	250	313	BF6M1015C-LA G1B	6V/TCA	EC 3.0
250	313	280	350	BF6M1015C-LA G2B	6V/TCA	EC 3.0
280	350	310	388	BF6M1015C-LA G3B	6V/TCA	EC 3.0
360	450	400	500	BF8M1015C-LA G1B	8V/TCA	EC 3.0
380	475	420	525	BF8M1015CP-LA G1B	8V/TCA	EC 3.0
400	500	450	563	BF8M1015CP-LA G2B	8V/TCA	EC 3.0
450	563	500	625	BF8M1015CP-LA G3B	8V/TCA	EC 3.0
550	688	600	750	HC12V132ZL-LAG1B	12V/TCA	EC 3.0
600	750	660	825	HC12V132ZL-LAG2B	12V/TCA	EC 3.0






OPEN SET					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg
FB25X-D	N/A	6.6	N/A	1550x740x1100	650
FB35X-D	N/A	9.0	N/A	1550x740x1100	650
FB47.5X-D	N/A	11.4	N/A	1650x740x1150	700
FB60X-D	N/A	13.8	N/A	1750x740x1150	700
FB70X-D	150	16.4	Tier 2	1800x800x1250	820
FB80X-D	160	20.0	Tier 2	1900x800x1250	900
FB100X-D	N/A	24.4	N/A	1900x800x1250	900
FB112X-D	220	26.2	Tier 2	2150x850x1530	1200
FB125X-D	N/A	29.1	N/A	2150x850x1530	1200
FB138X-D	300	31.9	Tier 2	2200x850x1530	1250
FB168X-D	330	39.0	Tier 2	2500x880x1700	1800
FB200X-D	N/A	45.8	N/A	2500x880x1700	1800
FB210X-D	420	46.6	Tier 2	2500x880x1700	1900
FB220X-D	480	53.0	Tier 2	2500x880x1700	1900
FB250X-D	460	57.6	N/A	2650x1520x2100	2320
FB275X-D	480	60	N/A	2650x1520x2100	2320
FB313X-D	550	69.1	N/A	2750x1520x2100	2510
FB350X-D	620	77.6	N/A	2850x1520x2100	2520
FB450X-D	830	104	N/A	3100x1850x2240	3300
FB475X-D	860	107.5	N/A	3100x1850x2240	3300
FB500X-D	950	118.7	N/A	3100x1850x2240	3300
FB563X-D	970	121	N/A	3100x1850x2240	3630
FB688X-D	N/A	146.5	N/A	3700x1600x2200	4200
FB750X-D	N/A	162.6	N/A	3700x1600x2200	4200

FENOVA SERIES					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBA at 7m
FC25X-D	80	5.4	2250x1000x1100	1050	68
FC35X-D	80	7.7	2250x1000x1100	1100	68
FC47.5X-D	120	11.4	2350x1050x1200	1200	69
FC60X-D	130	11.2	2450x1050x1200	1250	69
FC70X-D	170	16.9	2600x1055x1200	1350	69
FC80X-D	210	19.3	2700x1100x1300	1450	69
FC100X-D	210	24.4	2700x1100x1300	1500	70
FC112X-D	290	26.2	2902x1105x1502	1750	70
FC125X-D	290	32.3	2902x1105x1502	1800	70
FC138X-D	350	32.3	3000x1100x1650	1800	70
FC168X-D	380	39.0	3400x1100x1700	2160	72
FC200X-D	380	41.8	3400x1100x1700	2160	70
FC210X-D	560	52.7	3700x1100x1800	2300	71
FC220X-D	560	60.2	3700x1100x1800	2300	71
FC250X-D	460	57.6	4000x1400x2150	3600	75
FC275X-D	480	60.0	4100x1680x2150	4000	77
FC313X-D	550	69.1	4100x1680x2150	4200	77
FC350X-D	620	77.6	4100x1680x2150	4600	78
FC450X-D	830	104	4800x1700x2400	5300	80
FC475X-D	860	107.5	4800x1700x2400	5500	80
FC500X-D	950	118.7	4800x1700x2400	5500	80
FC563X-D	970	121	4800x1700x2400	5500	80
FC688X-D	N/A	146.5	5900x2000x2530	6500	82
FC750X-D	N/A	162.6	5900x2000x2530	6500	82





ECONIC SERIES					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBA at 7m
EC25X-D	80	5.4	1850x850x1200	914	71
EC35X-D	80	7.7	1850x850x1200	957	71
EC47.5X-D	120	11.4	1950x900x1300	1044	72
EC60X-D	130	11.2	2050x900x1300	1088	72
EC70X-D	170	16.9	2200x900x1300	1175	72
EC80X-D	210	19.3	2300x950x1400	1262	72
EC100X-D	210	24.4	2300x950x1400	1305	73
EC112X-D	290	26.2	2502x955x1602	1523	73
EC125X-D	290	32.3	2502x955x1602	1566	73
EC138X-D	350	32.3	2600x950x1750	1566	73
EC168X-D	380	39.0	3000x950x1800	1879	75
EC200X-D	380	41.8	3000x950x1800	1879	73
EC210X-D	560	52.7	3300x950x1900	2001	74
EC220X-D	560	60.2	3300x950x1900	2001	74
EC250X-D	460	57.6	3600x1250x2250	3132	78
EC275X-D	480	60.0	3700x1550x2250	3480	80
EC313X-D	550	69.1	3700x1550x2250	3654	80
EC350X-D	620	77.6	3700x1550x2250	4002	81
EC450X-D	830	104	4400x1550x2500	4611	83
EC475X-D	860	107.5	4400x1550x2500	4785	83
EC500X-D	950	118.7	4400x1550x2500	4785	83
EC563X-D	970	121	4400x1550x2500	4785	83
EC688X-D	N/A	146.5	5500x1850x2630	5655	≤85
EC750X-D	N/A	162.6	5500x1850x2630	5655	≤85






 FROM 30 TO 430 kVA						
						
PRP kW	PRP kVA	ESP kW	ESP kVA	ENGINE	REG.	CONTROL PANEL
30	37.5	33	41	S8000AM1	3L/NA	EC 2.0
54	68	60	75	NEF45SM1A	4L/TC	EC 2.0
72	90	80	100	NEF45SM3	4L/TC	EC 2.0
80	100	88	110	NEF45TM1A	4L/TCA	EC 2.0
90	112	100	125	NEF45TM2A	4L/TCA	EC 2.0
100	125	110	138	NEF45TM3	4L/TCA	EC 2.0
115	144	126	158	NEF67SM1	6L/TC	EC 3.0
118	147	128	160	NEF67TM2A	6L/TCA	EC 3.0
136	170	150	188	NEF67TM3A	6L/TCA	EC 3.0
156	195	172	215	NEF67TM4	6L/TCA	EC 3.0
160	200	176	220	NEF67TM7	6L/TCA	EC 3.0
180	225	200	250	NEF67TE2A	6L/TCA	EC 4.0
232	290	256	320	CURS0R87TE3	6L/TCA	EC 4.0
288	360	316	395	CURS0R87TE4	6L/TCA	EC 4.0
307	384	336	420	CURS0R13TE2A	6L/TCA	EC 4.0
336	420	370	460	CURS0R13TE3A	6L/TCA	EC 4.0
376	470	414	518	CR13TE6W	6L/TCA	EC 4.0
400	500	440	550	CR13TE7W	6L/TCA	EC 4.0
490	613	540	675	CR16TE1W	6L/TCA	EC 4.0
36	45	40	50	F32SM1X	4L/TC	EC 2.0
48	60	53	66	NEF45SM1X	4L/TC	EC 2.0
56	70	62	78	NEF45SM2X	4L/TC	EC 2.0
80	100	88	110	NEF45TM2X	4L/TCA	EC 2.0
116	145	128	160	NEF67TM1X	6L/TCA	EC 3.0
138	172	152	190	NEF67TE1X	6L/TCA	EC 4.0
166	208	182	228	NEF67TE2X	6L/TCA	EC 4.0
232	290	256	320	CURS0R87TE1D	6L/TCA	EC 4.0
264	330	290	363	CURS0R10TE1D	6L/TCA	EC 4.0
312	390	344	430	CURS0R13TE3X	6L/TCA	EC 4.0

OPEN SET					
					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg
FB37.5X-E	100	8.2	N/A	1600x700x1300	780
FB68X-E	180	15.5	N/A	1900x750x1400	1250
FB90X-E	260	21.6	N/A	1900x750x1400	1250
FB100X-E1	280	23.3	N/A	1900x750x1400	1350
FB112X-E	320	26.3	N/A	1900x750x1400	1350
FB125X-E	360	29.6	N/A	1900x750x1400	1350
FB144X-E	280	34.8	N/A	2450x800x1700	1550
FB147X-E	280	34.8	N/A	2450x800x1700	1600
FB170X-E	320	40.1	N/A	2450x800x1700	1600
FB195X-E	330	41	N/A	2500x800x1700	1650
FB200X-E	360	45.5	N/A	2500x800x1700	1650
FB225X-E	380	48	N/A	2500x800x1700	1650
FB290X-E1	530	65.8	N/A	2850x1100x1700	2750
FB360X-E	700	86.1	N/A	2850x1100x1700	2850
FB384X-E	600	76.1	N/A	3100x1300x1800	3250
FB420X-E	780	98.1	N/A	3100x1300x1800	3250
FB470X-E	820	102	N/A	3100x1300x1800	3250
FB500X-E	880	110.9	N/A	3100x1300x1800	3250
FB613X-E	N/A	128	N/A	3450x1600x2100	4500
FB45X-E	100	12	Tier 3	1600x700x1300	820
FB60X-E2	180	15.05	Tier 3	1900x750x1400	1250
FB70X-E	200	17.3	Tier 3	1900x750x1400	1250
FB100X-E2	300	24.6	Tier 3	1900x750x1400	1350
FB145X-E	270	33.3	Tier 3	2450x800x1700	1600
FB172X-E	330	41	Tier 3	2500x800x1700	1650
FB208X-E	380	47	Tier 3	2500x800x1700	1650
FB290X-E2	520	64.3	Tier 3	2850x1100x1700	2700
FB330X-E	620	76.4	Tier 3	2900x1100x1700	2800
FB390X-E	740	92.7	Tier 3	3100x1300x1800	3250


FENOVA SERIES					
					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBa at 7m
FC37.5X-E	120	8.2	2250x1000x1200	1100	65
FC68X-E	180	15.5	2700x1100x1400	1600	66
FC90X-E	250	21.6	2750x1100x1400	1700	67
FC100X-E1	270	23.3	3050x1100x1500	1800	66
FC112X-E	300	26.3	3050x1100x1500	1800	66
FC125X-E	350	29.6	3050x1100x1500	1800	68
FC144X-E	400	34.8	3600x1100x1650	2100	68
FC147X-E	400	34.8	3600x1100x1650	2100	68
FC170X-E	470	40.1	3600x1100x1650	2200	69
FC195X-E	480	41	3600x1100x1650	2200	69
FC200X-E	540	45.5	3600x1100x1650	2300	69
FC225X-E	560	48	3600x1100x1650	2300	69
FC290X-E1	620	65.8	4150x1300x2100	3550	74
FC360X-E	800	86.1	4150x1300x2100	3750	75
FC384X-E	720	76.1	4350x1400x2200	4450	75
FC420X-E	920	98.1	4350x1400x2200	4500	75
FC470X-E	960	102	4450x1400x2150	4750	78
FC500X-E	1040	110.9	4450x1400x2150	4850	79
FC613X-E	N/A	128	4750x1700x2200	5500	79
FC45X-E	140	12	2500x1000x1200	1250	65
FC60X-E2	180	15.05	2700x1100x1400	1600	66
FC70X-E	200	17.3	2700x1100x1400	1600	66
FC100X-E2	300	24.6	3050x1100x1500	1800	66
FC145X-E	400	33.3	3600x1100x1650	2100	68
FC172X-E	480	41	3600x1100x1650	2200	69
FC208X-E	550	47	3600x1100x1650	2200	69
FC290X-E2	600	64.3	3950x1300x2100	3300	70
FC330X-E	720	76.4	4300x1300x2200	4100	73
FC390X-E	880	92.7	4350x1400x2200	4500	75

N/A: None
 NA: Naturally aspirated
 TC: Turbocharged
 TCW: Water-cooled Turbocharged
 TCA: Turbocharged and air-air aftercooled

 FROM 30 TO 430 kVA						
						
PRP kW	PRP kVA	ESP kW	ESP kVA	ENGINE	REG.	CONTROL PANEL
328	410	360	450	S6B3-PTA	6L/TC	EC 3.0
400	500	440	550	S6A3-PTA	6L/TC	EC 3.0
420	525	464	580	S6A3-PTAA	6L/TCA	EC 3.0
550	687	600	750	S6R-PTA	6L/TC	EC 3.0
680	850	748	935	S12A2-PTA	6L/TC	EC 3.0
900	1125	1000	1250	S12H-PTA	12V/TC	EC 3.0
1100	1375	1210	1513	S12R-PTA	12V/TC	EC 3.0
1250	1563	1376	1720	S12R-PTA2	12V/TC	EC 3.0
1344	1680	1480	1850	S12R-PTAA2	12V/TCA	EC 3.0
1480	1850	1628	2035	S16R-PTA	16V/TC	EC 3.0
1650	2063	1816	2270	S16R-PTA2	16V/TC	EC 3.0
1800	2250	2000	2500	S16R-PTAA2	16V/TCA	EC 3.0

OPEN SET					
					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg
FB410X-S	80	98	N/A	3500x1600x2000	6800
FB500X-S	960	120	N/A	3500x1600x2000	6800
FB525X-S	1000	126	N/A	3500x1600x2000	6800
FB687X-S	N/A	165	N/A	3900x1600x2080	7800
FB850X-S	N/A	204	N/A	4100x1720x2080	8200
FB1125X-S	N/A	270	N/A	4500x1780x2340	10000
FB1375X-S	N/A	330	N/A	4500x2050x2340	11500
FB1563X-S	N/A	375	N/A	4500x2050x2340	11500
FB1680X-S	N/A	403	N/A	5300x2100x2600	12300
FB1850X-S	N/A	414	N/A	5300x2200x2500	14000
FB2063X-S	N/A	462	N/A	5300x2200x2870	15000
FB2250X-S	N/A	504	N/A	6100x2200x2870	16000


N/A: None
 NA: Naturally aspirated
 TC: Turbocharged
 TCW: Water-cooled Turbocharged
 TCA: Turbocharged and air-air aftercooled

ENGINE:  FROM 400 TO 3900 kVA						
PRP kW		ESP kW		ENGINE	REG.	CONTROL PANEL
400	500	440	550	10V1600G10S	10V/TCA	EC 4.0
460	575	504	630	10V1600G20S	10V/TCA	EC 4.0
500	625	550	688	12V1600G10S	12V/TCA	EC 4.0
552	690	600	750	12V1600G20S	12V/TCA	EC 4.0
640	800	704	880	12V2000G4S	12V/TCA	EC 4.0
744	930	816	1020	12V2000G8S	12V/TCA	EC 4.0
840	1050	924	1155	16V2000G4S	16V/TCA	EC 4.0
920	1150	1012	1265	16V2000G8S	16V/TCA	EC 4.0
1092	1365	1200	1500	18V2000G8S	18V/TCA	EC 4.0
1360	1700	1500	1875	12V4000G14S	12V/TCA	EC 4.0
1600	2000	1760	2200	12V4000G24S	12V/TCA	EC 4.0
1800	2250	1980	2475	16V4000G14S	16V/TCA	EC 4.0
2000	2500	2200	2750	16V4000G24S	16V/TCA	EC 4.0
2250	2813	2475	3093	20V4000G14S	20V/TCA	EC 4.0
2500	3125	2800	3500	20V4000G24S	20V/TCA	EC 4.0
2800	3500	3120	3900	20V4000G44S	20V/TCA	EC 4.0

OPEN SET					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg
FB500X-M	840	105	N/A	3230×1660×2050	3850
FB575X-M	900	113	Tier 2	3230×1660×2050	3850
FB625X-M	1020	128	Tier 2	3400×1660×2150	4500
FB690X-M	1100	137	Tier 2	3665×1660×2150	4600
FB800X-M	N/A	174	Tier 2	3600×1750×2200	5500
FB930X-M	N/A	197	Tier 2	3900×1750×2200	6200
FB1050X-M	N/A	219	Tier 2	4300×1750×2300	7100
FB1150X-M	N/A	241	Tier 2	4300×1750×2300	7300
FB1365X-M	N/A	281	Tier 2	4500×1950×2500	8000
FB1700X-M	N/A	348	Tier 2	5760×2100×2500	12300
FB2000X-M	N/A	406	Tier 2	5760×2100×2500	12350
FB2250X-M	N/A	470	Tier 2	6320×2600×2670	14000
FB2500X-M	N/A	536	Tier 2	6600×2600×2670	15000
FB2813X-M	N/A	588	Tier 2	7900×2600×2700	17450
FB3125X-M	N/A	644	Tier 2	7980×2600×2700	17600
FB3500X-M	N/A	707	Tier 2	8000×3100×3100	18000

FENOVA SERIES					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBA at 7m
ZC500X-M	720	105	4900×1850×2230	5580	≤80
ZC575X-M	680	113	4900×1850×2230	5600	≤80
ZC625X-M	770	128	5000×2100×2300	6750	≤80
ZC690X-M	820	137	5000×2100×2300	6880	≤80
BS800X-M	N/A	174	20FT	9000	≤80
BS930X-M	N/A	197	20FT	9400	≤80
BS1050X-M	N/A	219	20FT	12100	≤80
BS1150X-M	N/A	241	20FT	12100	≤80
BS1365X-M	N/A	281	40HQ	15300	≤80
BS1700X-M	N/A	348	40HQ	16000	≤82
BS2000X-M	N/A	406	40HQ	25000	≤82
BS2250X-M	N/A	470	40HQ	25000	≤83
BS2500X-M	N/A	536	40HQ	26500	≤84
ZC2813X-M	N/A	588	12192×3000×4352	28000	≤85
ZC3125X-M	N/A	644	12192×3000×4352	29000	≤85
ZC3500X-M	N/A	707	12192×3000×4352	29000	≤85


N/A: None
 NA: Naturally aspirated
 TC: Turbocharged
 TCW: Water-cooled Turbocharged
 TCA: Turbocharged and air-air aftercooled

ENGINE:  FROM 5 TO 70 kVA						
PRP kW		ESP kW		ENGINE	REG.	CONTROL PANEL
5.2	6.5	5.7	7.1	3TNM68-GGE	3L/NA	EC 2.0
5.6	7	6.2	7.8	3TNV70-GGE	3L/NA	EC 2.0
7.6	9.5	8.4	10.5	3TNV76-GGE	3L/NA	EC 2.0
9.6	12	10.6	13.2	3TNV82A-GGE	3L/NA	EC 2.0
12	15	13.2	16.5	3TNV88-GGE	3L/NA	EC 2.0
14	17.5	15.4	19.3	3TNV84T-GGE	3L/TC	EC 2.0
16	20	17.6	22	4TNV88-GGE	4L/NA	EC 2.0
20	25	22	27.5	4TNV84T-GGE	4L/NA	EC 2.0
26.4	33	29	36.3	4TNV98-GGE	4L/NA	EC 2.0
30	37.5	33	41.3	4TNV98-GGE	4L/NA	EC 2.0
38	47.5	41.8	52.2	4TNV98T-GGE	4L/TC	EC 2.0
44	55	48.4	60.5	4TNV106-GGE	4L/NA	EC 2.0
50	62.5	55	69	4TNV106T-GGE	4L/TC	EC 2.0

OPEN SET					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg
FB6.5X-Y	40	2	N/A	N/A	N/A
FB7X-Y	40	2.5	N/A	1350×620×1280	320
FB9.5X-Y	40	3	N/A	1350×620×1280	320
FB12X-Y	45	3.63	N/A	1350×620×1280	360
FB15X-Y	50	4.29	N/A	1350×620×1280	380
FB17.5X-Y	60	5.22	N/A	1350×620×1280	380
FB20X-Y	70	5.71	N/A	1500×620×1280	420
FB25X-Y	80	7.06	N/A	1500×620×1280	430
FB33X-Y	120	10.01	N/A	1650×750×1320	580
FB37.5X-Y	120	10.01	N/A	1650×750×1320	580
FB47.5X-Y	140	11.89	N/A	1650×750×1320	640
FB55X-Y	170	14	N/A	1680×850×1320	715
FB62.5X-Y	190	15.8	N/A	1680×850×1320	720

FENOVA SERIES					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBA at 7m
FC6.5X-Y	30	2	1800×750×960	1000	66
FC7X-Y	40	2.5	1900×790×1000	1100	66
FC9.5X-Y	40	3	1900×790×1000	1150	66
FC12X-Y	40	3.63	1900×790×1000	1150	67
FC15X-Y	40	4.29	2000×850×1050	1220	67
FC17.5X-Y	50	5.22	2000×850×1050	1220	68
FC20X-Y	60	5.71	2100×850×1200	1280	69
FC25X-Y	121	7.06	2100×850×1200	1300	69
FC33X-Y	136	10.01	2450×1000×1200	1350	69
FC37.5X-Y	136	10.01	2450×1000×1200	1350	70
FC47.5X-Y	136	11.89	2450×1000×1200	1380	70
FC55X-Y	140	14	2550×1050×1200	1400	70
FC62.5X-Y	140	15.8	2550×1050×1200	1500	71

N/A: None
 NA: Naturally aspirated
 TC: Turbocharged
 TCW: Water-cooled Turbocharged
 TCA: Turbocharged and air-air aftercooled

ENGINE:  FROM 6 TO 44 kVA						
PRP kW		ESP kW		ENGINE	REG.	CONTROL PANEL
6.6	8.3	7.3	9.1	D905-E2BG	3L/NA	EC 2.0
8.5	10.7	9.4	11.8	D1105-E2BG	3L/NA	EC 2.0
10.8	13.5	12	15	V1505-E2BG	4L/NA	EC 2.0
14	17	15	19	D1703-E2BG	3L/NA	EC 2.0
18	22.5	20	25	V2203-E2BG	4L/NA	EC 2.0
20	25	22	27.5	V2003T-E2BG	4L/TC	EC 2.0
27	34	30	37.5	V3300-E2BG	4L/NA	EC 2.0
32	40	35	44	V3300T-E2BG	4L/TC	EC 2.0

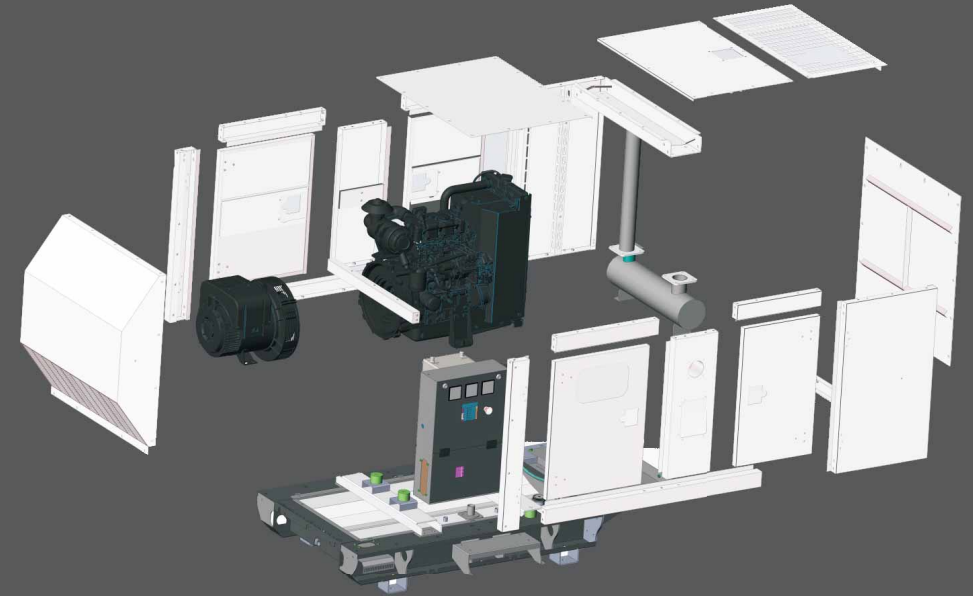
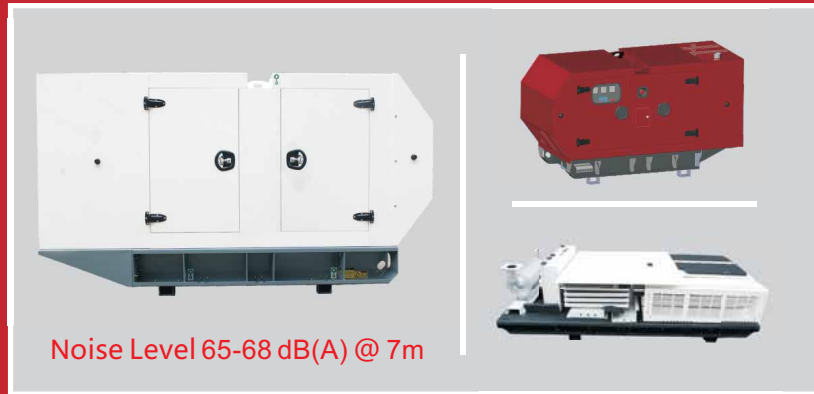
OPEN SET					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	EMISSION	L*W*H mm	WEIGHT Kg
FB8.3X-J	23.9	2.0	Stage 2	1100×500×1000	366
FB10.7X-J	30.8	2.6	Stage 2	1200×550×1050	375
FB13.5X-J	38.9	3.2	Stage 2	1360×600×1200	431
FB17X-J	49.1	4.1	Stage 2	1450×600×1200	506
FB22.5X-J	64.8	5.4	Stage 2	1650×700×1350	571
FB25X-J	72.0	6.0	Stage 2	1700×750×1350	583
FB34X-J	97.9	8.2	Stage 2	1800×850×1450	672
FB40X-J	115.2	9.6	Stage 2	1800×900×1500	692

FENOVA SERIES					
MODEL	BASE FUEL TANK CAPACITY LIT.	FUEL CONS. 100% LOAD L/H	L*W*H mm	WEIGHT Kg	dBA at 7m
FC8.3X-J	23.9	2.0	1900×790×1050	601	67
FC10.7X-J	30.8	2.6	1900×790×1050	610	67
FC13.5X-J	38.9	3.2	1900×930×1050	692	68
FC17X-J	49.1	4.1	2000×930×1050	788	69
FC22.5X-J	64.8	5.4	2200×930×1100	885	70
FC25X-J	72.0	6.0	2200×930×1100	898	70
FC34X-J	97.9	8.2	2350×930×1200	1008	71
FC40X-J	115.2	9.6	2350×930×1200	1106	72

N/A: None
 NA: Naturally aspirated
 TC: Turbocharged
 TCW: Water-cooled Turbocharged
 TCA: Turbocharged and air-air aftercooled

I - Inspired

Assembly



The Concept

The enclosure which is designed for easy construction and assemble for ranges of engines and alternators, is your prime choice for the quality, values as well as efficiency, The I-Inspired concept lies in our foresight of building a convenient source for assemblers in satisfying their demand and that with our design, packing and distribution surely can be money and time saving.



The Ideas

Your own choice and selection of engines and alternators with optional accessories. This application will by all means waiving your effort and energy with all those tremendous work that needs to be handled. Easy and mind resting with the click of your need which requires only simple tools for the assemble.

Enclosure Model	Power Recommended (kVA)	W*L*H (mm)
IN10	≤20	2000X930X1100
IN20	≤60	2600X1050X1400
IN30	≤100	2800X1100X1700
IN40	≤150	3000X1100X1800
IN50	≤180	3400X1100X1800
IN60	≤200	3850X1100X2000
IN70	≤250	3900X1300X2000

I-Inspired

SELECTION MENU

ENGINE

Perkins

- 403D-11G _____ Sets
- 403A-11G1 _____ Sets
- 403D-15G _____ Sets
- 403A-15G1 _____ Sets
- 403A-15G2 _____ Sets
- 404D-22G _____ Sets
- 404A-22G1 _____ Sets
- 404D-22TG _____ Sets
- 1103A-33G _____ Sets
- 1103A-33TG1 _____ Sets
- 1103A-33TG2 _____ Sets
- 1104A-44TG1 _____ Sets
- 1104A-44TG2 _____ Sets
- 1104C-44TAG1 _____ Sets
- 1104C-44TAG2 _____ Sets
- 1106A-70TG1 _____ Sets
- 1106A-70TAG2 _____ Sets
- 1106A-70TAG3 _____ Sets
- 1106A-70TAG4 _____ Sets
- 1506A-E88TAG1 _____ Sets
- 1506A-E88TAG2 _____ Sets
- 1506A-E88TAG3 _____ Sets

FPT

- S8000AM1 _____ Sets
- NEF45AM2 _____ Sets
- NEF45SM3 _____ Sets
- NEF45TM2A _____ Sets
- NEF45TM3 _____ Sets
- NEF67TM4 _____ Sets
- NEF67TE2A _____ Sets
- CURSOR87TE3 _____ Sets

C

- 4B3.9-G2 _____ Sets
- 4BT3.9-G2 _____ Sets
- 4BTA3.9-G2 _____ Sets
- 4BTA3.9-G11 _____ Sets
- 6BT5.9-G2 _____ Sets
- 6BTA5.9-G2 _____ Sets
- 6BTAA5.9-G2 _____ Sets
- 6BTAA5.9-G12 _____ Sets
- 6CTAA8.3-G2 _____ Sets
- 6LTAA8.9-G2 _____ Sets
- 6LTAA8.9-G3 _____ Sets
- QSB3.9-G2 _____ Sets
- QSB3.9-G3 _____ Sets
- QSB5.9-G2 _____ Sets
- QSB5.9-G3 _____ Sets
- QSB6.7-G3 _____ Sets
- QSB6.7-G4 _____ Sets
- QSL8.9-G2 _____ Sets
- QSL8.9-G3 _____ Sets
- QSL8.9-G4 _____ Sets

ACCESSORIES

- Residential Silencer & Elbow & Seal
- Standing Control Panel with _____ Module
- Set Enclosure Plates
- Baseframe with Standard Fuel Tank.
- Cable Wiring between Panel and Engine / Alternator
- Hoops and Screws
- Rubber Anti-vibration
- Rubber Mat Between Canopy & Baseframe
- Fuel Pipe And Tank Cap With Keys
- Fuel Gauge
- Emergency Button
- Top Lifting Hook

ALTERNATOR

STAMFORD

- PI 044D _____ Sets
- PI 044E _____ Sets
- PI 044F _____ Sets
- PI 044G _____ Sets
- PI 044H _____ Sets
- PI 144D _____ Sets
- PI 144E _____ Sets
- PI 144F _____ Sets
- PI 144G _____ Sets
- PI 144H _____ Sets
- PI 144J _____ Sets
- PI 144K _____ Sets
- UCI 224C _____ Sets
- UCI 224D _____ Sets
- UCI 224E _____ Sets
- UCI 224F _____ Sets
- UCI 224G _____ Sets
- UCI 274C _____ Sets
- UCI 274D _____ Sets
- UCI 274E _____ Sets
- UCI 274F _____ Sets
- UCI 274G _____ Sets
- UCI 274H _____ Sets
- UCIDI 274J _____ Sets
- UCIDI 274K _____ Sets
- HCI 444C _____ Sets

STAMFORD

(S Series)

- S0L1-D1 _____ Sets
- S0L1-H1 _____ Sets
- S0L1-L1 _____ Sets
- S0L1-P1 _____ Sets
- S0L2-F1 _____ Sets
- S0L2-G1 _____ Sets
- S0L2-M1 _____ Sets
- S0L2-P1 _____ Sets
- S1L2-J1 _____ Sets
- S1L2-K1 _____ Sets
- S1L2-N1 _____ Sets
- S1L2-R1 _____ Sets
- S1L2-Y1 _____ Sets
- S4L1D-C41 _____ Sets
- S4L1D-D41 _____ Sets

LEROY SOMER (TAL)

- TAL-A40-C _____ Sets
- TAL-A40-D _____ Sets
- TAL-A40-E _____ Sets
- TAL-A40-F _____ Sets
- TAL-A40-G _____ Sets
- TAL-A42-C _____ Sets
- TAL-A42-E _____ Sets
- TAL-A42-F _____ Sets
- TAL-A42-G _____ Sets
- TAL-A42-H _____ Sets
- TAL-A44-C _____ Sets
- TAL-A44-D _____ Sets
- TAL-A44-E _____ Sets
- TAL-A44-H _____ Sets
- TAL-A44-J _____ Sets
- TAL-A44-K _____ Sets
- TAL-A46-A _____ Sets
- TAL-A46-B _____ Sets
- TAL-A46-C _____ Sets
- TAL-A46-D _____ Sets

LEROY SOMER (LSA)

- LSA 40 VS1 _____ Sets
- LSA 40 VS2 _____ Sets
- LSA 40 S3 _____ Sets
- LSA 40 S4 _____ Sets
- LSA 40 M5 _____ Sets
- LSA 40 M7 _____ Sets
- LSA 42.3 VS1 _____ Sets
- LSA 42.3 VS2 _____ Sets
- LSA 42.3 VS3 _____ Sets
- LSA 42.3 S4 _____ Sets
- LSA 42.3 S5 _____ Sets
- LSA 42.3 M7 _____ Sets
- LSA 42.3 M8 _____ Sets
- LSA 42.3 L9 _____ Sets
- LSA 44.3 S2 _____ Sets
- LSA 44.3 S3 _____ Sets
- LSA 44.3 S4 _____ Sets
- LSA 44.3 S5 _____ Sets
- LSA 44.3 M6 _____ Sets
- LSA 44.3 M8 _____ Sets
- LSA 44.3 L10 _____ Sets
- LSA 46.3 S2 _____ Sets
- LSA 46.3 S3 _____ Sets
- LSA 46.3 S4 _____ Sets
- LSA 46.3 S5 _____ Sets
- LSA 46.3 M7 _____ Sets

Tide Power

- FPA16-651 _____ Sets
- FPA16-882 _____ Sets
- FPA16-1083 _____ Sets
- FPA16-1284 _____ Sets
- FPA16-145 _____ Sets
- FPA18-166 _____ Sets
- FPA18-187 _____ Sets
- FPA18-208 _____ Sets
- FPA18-229 _____ Sets
- FPA18-2510 _____ Sets
- FPA18-2811 _____ Sets
- FPA18-3012 _____ Sets
- FPA18-3213 _____ Sets
- FPA22-321 _____ Sets
- FPA22-342 _____ Sets
- FPA22-403 _____ Sets
- FPA22-454 _____ Sets
- FPA22-505 _____ Sets
- FPA22-546 _____ Sets
- FPA22-587 _____ Sets
- FPA22-648 _____ Sets
- FPA22-689 _____ Sets
- FPA22-7510 _____ Sets
- FPA27-801 _____ Sets
- FPA27-902 _____ Sets
- FPA27-1003 _____ Sets
- FPA27-1124 _____ Sets
- FPA27-1205 _____ Sets
- FPA27-1286 _____ Sets
- FPA27-1407 _____ Sets
- FPA27-1508 _____ Sets
- FPA27-1609 _____ Sets
- FPA27-18010 _____ Sets
- FPA27-20011 _____ Sets
- FPA31-2001 _____ Sets
- FPA31-2202 _____ Sets

meccalte

- ECP28 1VS4 A _____ Sets
- ECP28 2VS4 A _____ Sets
- ECP28 0S4 A _____ Sets
- ECP28 S4 A _____ Sets
- ECP28 M4 A _____ Sets
- ECP28 2L4 A _____ Sets
- ECP28 VL4 A _____ Sets
- ECP32 2S4 B _____ Sets
- ECP32 3S4 B _____ Sets
- ECP32 1M4 B _____ Sets
- ECP32 2M4 B _____ Sets
- ECP32 3L4 B _____ Sets
- ECP32 4L4 B _____ Sets
- ECP34 1S4 A _____ Sets
- ECP34 2L4 A _____ Sets
- ECP34 2S4 A _____ Sets
- ECP34 3L4 A _____ Sets
- ECO38 1S4 A _____ Sets
- ECO38 2S4 A _____ Sets
- ECO38 3S4 A _____ Sets
- ECO38 1L4 A _____ Sets
- ECO38 2L4 A _____ Sets

TIDE CONTROL SYSTEM SELECTION GUIDE

Single & Synchronised Generating Sets

Standard	EC 2.0	EC 3.0	EC 4.0	EC 5.0	EC 6.0
	Nano	AMF20	AMF25	IG-NT MINT	IG-NT SPTM
	ComAP	ComAP	ComAP	ComAP	ComAP
4 Cylinders or Smaller Generator	●	○	○	○	○
6 Cylinders or Bigger and non-electronic injection engine	○	●	○	○	○
6 Cylinders or Bigger and electronic injection engine	○	○	●	○	○
Remote Control RS232/485	—	—	●	●	●
Gen-Gen Synchronising	—	—	—	●	—
Gen-Mains Synchronising	—	—	—	—	●

● : Standard Supply
○ : Available as optional
— : Not available



EC 2.0



EC 3.0



EC 4.0



EC 5.0/EC6.0

Tide Power Easycon	EC2 0	EC3 0	EC4 0	EC5 0	EC6 0	
Model	Nano	AMF20	AMF25	IG-NT MINT	IG-NT SPTM	
Controller Brand	ComAP	ComAP	ComAP	ComAP	ComAP	
Alternator Parameters	Phase Voltage	—	3	3	3	3
	Wire Voltage	1	3	3	3	3
	Current	Instrumentation	●	●	●	●
	Ferquency	●	●	●	●	●
	Active Power(KW)	—	●	●	●	●
	Inactive Power(KVar)	—	●	●	●	●
	Apparent Power(KVA)	1	●	●	●	●
Alternator Protection	Power Facto r	—	●	●	●	●
	KWH	—	●	●	●	●
	Voltage under/over	●	●	●	●	●
	Overcurrent pre-alarm	—	●	●	●	●
	Overcurrent shutdown	●	●	●	●	●
	Short Circuit Protect	MCCB/●	MCCB/●	MCCB/●	MCCB/●	MCCB/●
	Frequency under/over	●	●	●	●	●
Engine Parameters	Alternator charger	●	●	●	●	●
	Oil Pressure	●	●	●	●	●
	Coolant Temp	●	●	●	●	●
	Fuel Meter/Fuel Sensor	●/○	●/○	●/○	●/○	●/○
	RPM	●	●	●	●	●
	Battery Voltage	●	●	●	●	●
	Hours Run	●	●	●	●	●
Engine Protection	Low Oil Pressure Pre-Alarm	—	●	●	●	●
	Low Oil Pressure Shutdown	●	●	●	●	●
	High Water Temp. Pre-Alarm	—	●	●	●	●
	High Water Temp. Shutdown	●	●	●	●	●
	Over Speed Pre-Alarm	—	●	●	●	●
	Over Speed Shutdown	—	●	●	●	●
	Alternator Charger	●	●	●	●	●
Functions	Remote Start	●	●	●	●	●
	AMF(Auto Main Failure)	●	●	●	—	●
	Programable Input	●	●	●	●	●
	Programable Output	●	●	●	●	●
	Expand Module	—	○	○	○	○
	Communication Function	—	○	○	●/RS232/485	●/RS232/485
	Communication Port	USB	○	○	RS232/485	RS232/485
CAN	●	—	—	●	●	
Service Indicate	—	—	●	●	●	
Fault History	●	●	●	●	●	
Gen-Gen Synchronising	—	—	—	●	—	
Gen-Mains Synchronising	—	—	—	—	●	

● : Standard Supply
○ : Available as optional
— : Not available

RENTAL POWER SOLUTION

The rental series of Tide Power provides solutions adapted to the needs of the rental sector.

Our rental series covers ratings from 56 – 281 kVA which emphasis in safety, reliability, quality and usability which at the same time can reduce the number of maintenance hours and extending the service life of each generator set.



STANDARD FEATURES

Soundproof canopy

- IP44 soundproof enclosure made of cold rolled plate, phosphated and passivated with polyester powder paint coating to ensure a resistance of 720 hours in salt spray test per B177-09 standard.
- Its robust design, corrosion protection and enhanced shock resistance extend the life span of the unit.

Manual oil pump

- Allows for quicker, easier oil extraction, reducing task time by 90%.

Water-Fuel separator

- High-performance. Reliability, guaranteeing 100% separation of water and fuel. Filtration of particles over 30 microns.

Central lifting eyebolt and forklift port at the base frame

- Facilitates lifting the genset for transport.

Exhaust silencer

- Highly corrosion-resistant steel. Includes water drainage system.
- Silencer attenuation of - 26 dB(A).

Protective cover

- Prevents foreign objects from entering the silencer.



The panel of the voltage switch provides protection function, the engine will stop upon opening of the panel



Drainage safety valve at the bottom of the fuel tank



Multiple voltage selection on the panel



With GPS positional feature and APP for mobile phone control



Easy adjusted top hook for easy transportation



With multiple Euro standard sockets



Double doors with double layer of rubber strip and heavy duty door lock



Perforated plate and rock wool within canopy



With independent and separated fuel tank which can be disassembled



With sand proof protection and sand drainage outlet

Earthing

- Included.

Highly robust, easy-to-access terminals

- Enable quick connection of power cables.
- Prepared for quick change of grounding system.

Cleaning hatch

- Facilitates access to fuel tank for cleaning, preventing fuel contamination.
- Includes an air inlet.

Battery isolator switch

- Provides added safety during maintenance tasks by preventing the unit from starting up. Prevents battery discharge while the unit is idle.

Socket panel and 4-pole circuit breaker and IP44 sockets

- 4-pole electromagnetic circuit breaker with differential protection.
- Top-quality IP44 sockets individually protected by mini circuit breakers.
- Sockets are installed with door protection with cable outlet from below.

Electrical control panel

- Includes ComAp control module.
- Displays a full range of status readings on the digital screen, including: voltage, frequency, power rating, pressure and engine temperature and communication ports RS-485 or RS-232.
- Electrical control panel protected by mini circuit breakers
- Multiple voltage selection on the panel: 380/220V 50Hz, 220/127V 50Hz, 380/220V 60Hz, 220/127V 60Hz.

RC series unit configuration

Genset Model	50Hz		60Hz		Engine			Alternator Model		Control Panel		GPS	Base Fuel Tank		Number of sockets
	Prime Power		Prime Power		Engine Model	Cylinders & Aspiration	Fuel Consumption g/kw.h	Standard	Optional	Standard	Optional		Standard	Optional	
	kW	kVA	kW	kVA											
RC68S-C	45	56	54	68	4BTA3.9-G2	4L/TCA	221	LSA42.3L9	UCI224E	MRS16	DSE7310	CMM366-3G	24h	Customize	6
RC112S-P	80	100	90	112	1104C-44TAG2	4L/TCA	218	LSA44.3S5	UCI274C	MRS16	DSE7310	CMM366-3G	24h	Customize	8
RC169S-P	120	150	135	169	1106A-70TAG2	6L/TCA	205	LSA44.3L10	UCI274F	MRS16	DSE7310	CMM366-3G	24h	Customize	8
RC220S-D	160	200	176	220	BF6M1013FCG3	6L/TCA	221	LSA46.3S4	UCI274H	MRS16	DSE7310	CMM366-3G	12h	Customize	8
RC281S-P	200	250	225	281	1506A-E88TAG3	6L/TCA	199	LSA 46.3 M7	UCDI 274K	MRS16	DSE7310	CMM366-3G	12h	Customize	8

SUPER SILENT GENERATOR SET

We focus on generator set field over 11 years

59^{79L_{WA}}
dB(A)

Average@1m 67dB(A)
Average@7m 59dB(A)



Double door with two layers of door seal strip and high resistance door lock



Door with double glass layers viewing window



Designed with perforated plate plus rock wool within canopy



Heavy duty engineered door lock



Attenuated louvre on front, end and side of the canopy, and can be extended on both side for further attenuation



Easy operated manual pump for oil drainage



Design for sand protection and with sand flushing port



With high grade outdoor spray coating



Easy operated top hook design for easy transportation



SC SERIES UNIT CONFIGURATION

Genset Model	50Hz		Noise level @7m dBA	60Hz		Noise level @7m dBA	Engine			Control Panel	
	Prime Power kW	kVA		Prime Power kW	kVA		Engine Model	Cylinders & Aspiration	Fuel Consumption g/kw.h		
SC20-P	16	20	59	SC24X-P	19	24	62	404D-22G	4L/NA	233	ComAp Nano
SC60-P	48	60	61	SC68X-P	55	68	63	1103A-33TG2	3L/TC	218	ComAp AMF20
SC100-P	80	100	62	SC112X-P	90	112	63	1104C-44TAG2	4L/TCA	218	ComAp AMF20
SC150-P	120	150	63	SC169X-P	135	169	66	1106A-70TAG2	6L/TCA	205	ComAp AMF20
SC200-P	160	200	64	SC245X-P	196	245	67	1106A-70TAG4 1506A-E88TAG1	6L/TCA	199	ComAp AMF25

STANDARD SPECIFICATION FOR SUPER SILENT GENERATOR SET

ENGINE: PERKINS

- Four stroke, water cooled.
- 12V or 24V DC starter and charge alternator.
- Cooling radiator and fan.
- Free-maintenance type battery including Rack and Cable.
- Flexible fuel connection hoses and manual oil sump drain valve.
- Critical exhaust silencer.

CANOPY

- All canopy parts designed with modular principles.
- Water proof design ensures that the generator set can work in outdoor for long period of time.
- Special construction design ensures that the noise level be controlled in small scope.
- Easy lifting and transporting.
- Easy maintenance and operation.
- Sand proof design.
- Attenuated louvre on front, end and side of the canopy, and can be extended on both side for further attenuation.

ALTERNATOR

- Brushless, single bearing, flexile disc.
- Insulation class H and Protection class IP23.
- Self-exciting and self-regulated.

ACCESSORY

- All of the lock and screw by stainless steel type for anti rust proof.
- With Hand Pump to eliminate dirty oil.
- Optional preheater as choice.
- Special socket can be provided.

ELECTRIC EQUIPMENTS

- Top choice of Cable and other electric equipment.

BASE FRAME

- Base frame with forklifting port and crane port, easy to move and transport.
- Base frame design can be with double bundled fuel tank as an option, which can safeguard from dirty oil or fuel and protect the environment.
- Daily fuel tank from 8 hours to 24 hours .
- Fuel tank can be separated from base frame which enables easy maintenance.
- Anti-vibration pads are flexed between engine and alternator.

PAINTING PROCESS

- All base frames are treated by shot blasting before processing powder coating. This procedure is also observed with the canopies as standard and this stringent process assures the perfect performance and ensures the generator set can be free from rusting.
- All of these generator sets is capable of withstanding high temperature or oceanic atmosphere.

SILENCER CONSTRUCTION

- Silencer and exhaust muffler noise reduction material are self designed that assures the noise can be at all times in perfect level.

CONTROL SYSTEM

- Controller, supervision and protection panel is mounted on the genset baseframe.

CUSTOM MADE SILENT BOX

Power Range: (5kVA-1000kVA)

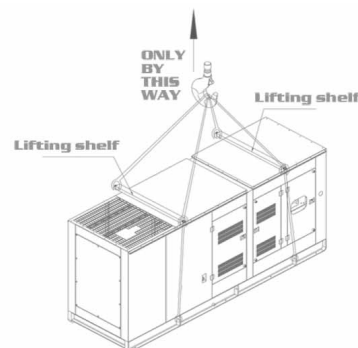


Features of Custom Made Silent Box

- Tide Power focuses on cutting-edge solutions for various canopy or weather proof box using compact gensets and leading brand components to guarantee continuous service with low maintenance
- Strong and easy transport
- Extremely rugged and highly corrosion resistant construction
- Security and safety
- Easy commissioning and maintenance
- Optimise the sound level according to the needs

Extremely Rugged & Highly Corrosion Resistant Construction

- Tide Power specialises in designing and producing a user-friendly and reliable enclosure to fit a power generator set inside.



ISO 20ft 40ft CONTAINER GENSET

Power Range: (>600kVA)



Tide Power standard 20ft & 40ft containerized canopies are designed and assembled for those generator sets above 800kva. The customized containerised canopy also available for an extensive power range below 800kva as an optional for customer who requires non standard type.

Why Customer Need Containerized Generator Sets?

- Rental market: big capacity generator sets are always better mounted with containerized canopies to meet customer's loading
- Reduce noise level, instead of "Plant Room Installations"
- Protection from inclement weather and tough installation conditions
- Movability, save the cost of transportation.

Excellent Access for Maintenance

- Separate & standing control cabinet at side
- Roomy interior with access doors
- Fully bounded steel floor
- Anti-explosive light bulb

Transportability

- ISO shipping dimensioned container
- Lifting capability

Noise Level

- <85-88dBA at 1 m
- Bespoke container with ≤75dBA at 1 m

Robust Container Design

- 20ft 40ft (HC also available) ISO footprint
- Container made from steel components with durable paint system
- Full banded steel floor and steel louvers
- Rugged surface - excellent corrosion & rust protection
- Long service life

Security and Safety

- Control panel viewing window in a lockable access door
- Emergency stop button mounted on canopy exterior
- Fuel fill and battery can only be reached via lockable access doors
- Fire extinguisher
- Exhaust silencing system enclosed for safety (residential silencer included)
- Excellent cooling system to avoid high water temp, reliable operation under harshest conditions (Ambient temperatures up to 40-52°C and altitudes up to 1000M)

Optional

- Floor standing MCCB/ACB (>1250Amp)
- Interior Separate fuel tank (100 Litres - 2000 Liters)
- Exterior separate fuel tank (No limitation, shipped by separate container)
- Sockets
- Automatic fuel fill-in & cut off system
- Marine class painting
- Automatic oil top up system with 50L lubricating oil tank

REEFER GENERATOR SET

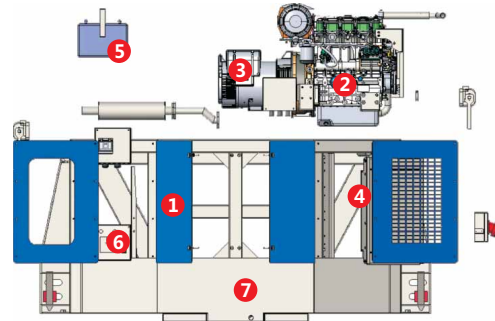
Reefgen designed by Tide Power Technology is built on the purpose of providing continuous, unattended operation for all refrigerated containers being transported by road or rail. ReefGen generators are catered for an ideal combination of horsepower and motor starting capability.

With the two frequencies 50/60 Hz, it offers operation that complies with ISO1496 specification for all container refrigeration units. Direct injection engine on the other hand is capable of cutting down exhaust emission which delivers green and clean energy which is foremost importance to the present environmental concerned market.

The diesel engine running at 1800rpm which is employed for this power unit is capable of providing 15kW nominal power with direct injection and 460V output and that the 4 cylinder engine is brushless, water cooled, and self regulated. The electronic governor system offers near constant engine speed which leads to more stable output.

Standard features for mounting type generator set

- 1 Heavy duty frame and door plate
- 2 Water cooled diesel engine
- 3 Alternator
- 4 Radiator
- 5 Maintenance free battery
- 6 Controlling system
- 7 High capacity base fuel tank



Power Socket

Maintenance free battery

Mounting device

Intelligent controlling system

Standard features include:

- 15Kw, 4 cylinder, water cooled, direct injection diesel engine
- Self regulated electronic governor
- 300L fuel tank
- Pin mount system
- High efficiency air cleaner
- Integral fuel filter with water separator
- Service access door
- Enclosed forklift ports
- 12V DC maintenance free battery
- Safety stop controls for high water temperature and low oil pressure
- Powder coated enclosure
- Fuel gauge

- Oil pressure gauge
- water temperature gauge
- Circuit breaker
- engine hour meter
- battery charger
- Instruction labels
- Maintenance and schematic labels
- 460V receptacle with cap



LIGHTING TOWER



Lighting(LED or metal halide)

Specialized anti vibrating lighting with high rate of illumination and life span more than 1000 hours



Mast(manual/Vertical)

Strong and solid mast using designed material with height stretch of 7.5-9 meters and high resistance to strong wind speed



High quality socket

External emergency stop button with high quality leakage protection socket



Coupler

Australian standard trailer coupler, can be changed to suit all standard requirement

Housing

Pressurized aluminum floodlight housing with 4mm tempered glass, can withstand over 200℃ under seal.



Rotating mast

Rotating mast designed for easy adjusting of light direction



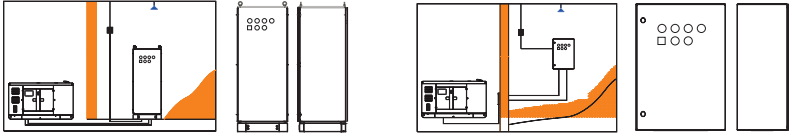
Control panel

Special designed control panel cater for lighting tower



Extra large fuel tank

125L extra large fuel tank that supports over 72 hours operation



Synchronisation System

Synchronization unit specialize for Tide Power diesel genset parallel running. Synchronization unit combines with ATS capable to start up gensets automatically and adjust the number of running gensets depending on the loading, when main power recovers, genset will shut off automatically. This system also allows genset parallel with main power grid and is capable to control and supply sustainable powers, further more this system can be custom made to work for different demand.

Automatic Transfer Switch (ATS)

Tide Power offers not only a changeover switch but also an integrated mains detection and switch system for your 24 hour power protection. The system enables automatic start-up and operation of the generating set in the event of mains power failure, overvoltage or loss of phase; and also mains automatic will re-transfer once it comes back. The system has a wide application such as hospital, bank, telecom, airport, broadcasting station and hotels.

ATS Selector

Amp		32A	63A	80A	100A	125A	160A	200A	250A	400A	630A	800A	1000A	1250A	1600A	2000A	2500A	3200A	
Breaker Type	TIDE	x	A	A	A	x	B	x	B	C	C	D	D	D	D	E	E	E	
	ABB	B	B	B	B	B	B	B	B	C	C	D	D	D	D	E	E	x	
	Socomec	x	B	B	B	B	B	x	B	C	C	D	D	D	D	E	E	E	

A: 500*400*250mm D: 800*800*1400mm
 B: 650*500*300mm E: 1000*800*1600mm
 C: 600*600*1000mm x: None



Synchronisation System

ATS

LOAD BANK



The electric load bank is a simulation load test equipment used for genset, UPS, battery banks or electric power system, etc.

Application

- Genset system R&D and routine test (inspection)
- Standby genset routine maintenance test
- Optimize the load profile, to extend the diesel engine life time
- Load capacity test for AC power supply
- Acceptance test for electric power supply project,
- or used to judge the electric power supply equipment for scrap
- Used for UPS product R&D, routine test (inspection) and maintenance
- Load profile optimization test for electric power supply system

Characteristics

- Horizontal cooling airflow, Low noise, less temperature rise.
- Industry class cooling fan, single or 3 phase power supply can be chosen
- Resistant load element made by alloy, manufactory process with high standard quality control, good in heat dispersion, reliable
- Customer can ask for difference IP grade to suit application need
- Material of cabinet and coating quality
- Cold-roll steel sheets, flame plating, moisture proof, heat-resisting, less corrosivity
- Compliance with GB and military test standard , be able to handle 25%, 50%, 75%, 100%, and 110% load test, or custom made according to customer need, real simulation test for the specific load profile test.





MOBILE GENERATING SETS

Please consult our sales department for relevant specifications and pictures



Trailer Configuration

Trailer Type	Configuration
Running Speed <80(Km/h)	Including taillight, taillight connector, taillight wiring harness and outrigger
Running Speed<30(Km/h)	Including reflector, rubber sealing plug, outrigger, fender, block and fixed bolt



HV GENERATOR SET



Medium & High-Voltage Power System

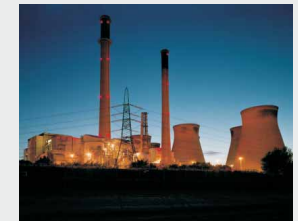
Tide Power project team and the technician is always available to channel all their experience and expertise into finding solutions for medium and high voltage generator configuration. The team comprises of more than 20 members which includes project manager, engineers, technicians who work together on projects from design to installation as well as future maintenance, while ensuring full compliance with tender and project specification.

HV generator set work process



Power solution being the prime focus of Tide Power's strategy and development, manufacturing of High Voltage generator set forms an integral part of our main line of business. With rapid demand from data centre industry and those require huge capacity in their operation, HV generator is seen as a niche equipment in bringing more reliability and stability of providing the needed power.

May it be a little complicated in operation as well as the technical configuration, yet with the mature fundamental know how, HV generator set even promises greater flexibility for synchronization system in providing higher output power. Even the setting of the HV generator can be located at a distance from the loading source, the reduction of power lost is at the minimal with no overheating in transmission.



Load Transmission

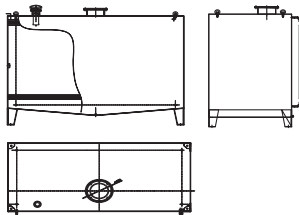
ALTERNATOR



Tide Power Brushless Alternator

- Tide Power 4kVA-2500kVA compact brushless alternator is manufactured and designed for typical generator applications, such as back up, standard production, cogeneration, rental, telecommunications etc. All our alternators are manufactured and marketed with ISO9001 & CE standard.

CUSTOM MADE FUEL TANK



Feature

- Plate steel construction
- Fuel level monitoring
- Fuel transfer systems
- Volume by liters-no limitation
- Leak detection etc
- Various requirements will be met

KITS & ACCESSORIES

Quality Guarantee

Enhance performance. Maximize convenience. Simplify maintenance.

Boost your generator's performance with genuine parts and accessories from Tide Power. Products are available to maximize convenience and simplify maintenance for years of reliable power. Maintaining your equipment with original equipment manufacturer parts is key to performance and reliability.

A wide range of spare parts & components supplying proves "Tide Power" intent to ensure our customers can maximise generator running time without interruption.

