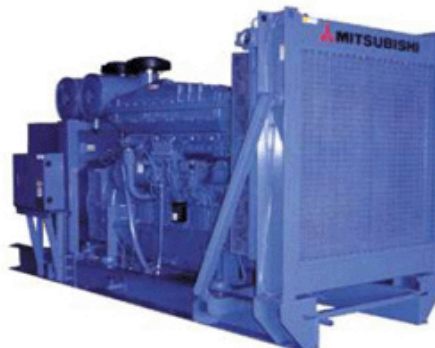




RANGE OF DIESEL GENERATORS

XENIX GENERATOR SETS ARE ENSURING MANY YEARS OF RELIABLE AND TROUBLE-FREE SERVICE AND USED WORLDWIDE FOR RESIDENTIAL, COMMERCIAL AND INDUSTRIAL APPLICATIONS, EITHER AS PRIME POWER OR STANDBY ELECTRICAL SOURCE



GENERAL SPECIFICATION

XENIX GENERATORS

are available with either manual or automatic control and range of option. Equipment can also be custom built to individual specifications.

ARRANGEMENT

The engine and alternator are close coupled, mounted on robust steel fabricated baseframe. The alternator is flange mounted to the engine flywheel housing, forming a rigid arrangement allowing precision alignment to be maintained.

ENGINE

Water cooled, four stroke compression ignition diesel with integral injection, starting system and constant speed governor. Engine instrument panel comprising oil pressure, coolant temperature gauges and battery charging ammeter.

ALTERNATOR

brushless revolving field alternator, self regulating drip proof screen protected. Class H insulation through out with class H temperature rise. Electronic voltage regulation automatically maintained better than $\pm 1.5\%$ no load to full load at any power factor between unity and 0.8 lagging 12 wire reconnectable windings. Minimize radio interface suppression, rapid transient response. Electrical design in accordance with IEC34-1, NEMA MG1-22

TESTING

all equipment is test run on full load and overload all control functions are tested. A test certificate can be provided upon request.

FUEL TANK

Each set is provide with a fuel tank. Service tank constructed with heavy duty stell sheet for 6 to 8 hours operation. Base mounted or engine mounted, separated remote mount fuel stroage tank. Fuel pipework is provided to and from the tank on the engine fuel pump. It incorporates a filter cap, on-off tap, breather, fuel level gauge and drain pulg. Fuel tanks can be filled by means of an optional set mounted hand pump or by and electrically operated pump with automatic high and low level switching.

EXHAUST SYSTEMS

Heavy duty industrial exhaust silencer system comprising absorptive type silencer, flexible expansion bellows, all mounting flanges, gasket and full set of antiv vibration mountings (refer to optional sheet.)

CONTROL PANEL

Enclosure are made of heavy gauge sheet steel and provide with front access. There can be arranged for either set mounting of floor mounted according to size of customer's requirement.

MANUAL START CONTROL PANEL

include: voltmeter, ammeter, frequency meter, hourmeter, volt/amp phase selector switch, current transformers engine on/off start switch, moulded case circuit breaker with overload trip, engine protection with indicating lamps for low oil pressure, high cooland temperatruue and generator operation.

AUTOMATIC MAINS FAILURE CONTROL PANELS

include: complete as manual start and extra additional following: static battery charger, automatic mains failure unit with control for off/manual/reset/automatic/LED test/test, 3 attempt start system, indicators for main supply/standby/running/fail to start/ main failure. Optional extras can be provided as request.

ENCLOSURES

Weatherproof, Sound Proof, Super Sound Proof Enclosures are available to individual specifications. Sound Proof Type meets sound level below 85 dB(A)@1 meter or equivalent to LWA 100. Super Sound Proof Type meets sound level 65dB(A) @ 1 meter or equivalent to LWA 95.

DOCUMENTATION

One set of operating and maintenance manual for engine and alternator, circuit diagram. Further optional equipment is available to suit most needs (refer to optional extra sheet)



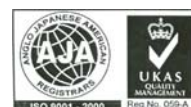
XENIX ELECTECH LTD.

23 MOO 3 PHUTTHAMONTHON 5 RD., SAMPRAN, NAKORNPRATOM 73220, THAILAND

FACTORY TEL.0-2431-0007, 0-2420-5701-3 FAX: 0-2420-5704 www.xenixgen.com

SALE&MARKETING TEL.0-2719-8430-1 FAX: 0-2719-8423

e-mail: xenixgen@yahoo.com





POWERED GENERATING SETS 20 - 2000 KVA

RATING DEFINATION

Prime Power:

All ratings are suitable for contiuous electrical power (at variable load) in lieu of the main power network. There is no limitation to the annual hours of operation and all models can supply 10% overload power for 1 hour in 12 hours.

Standby Power:

These ratings are application for supplying continuous electrical power (at variable load) in the event of a utility power failure, but no overload is permitted on these ratings.

STANDARD VOLTAGES:

Single Phase, 2 wire, 220V, or 3 phase, 4 wire, 380-415V, 50 Hz, 460-480V, 60 Hz.

The above ratings are in compliance with BS 5514,ISO 3046, DIN 6271,ISO 8528

TECHNICAL DATA DIESEL GENERATING SETS

1500 RPM 50 Hz

GENSET MODEL	ENGINE MODEL	50 Hz - 1500 RPM				Approx,Dimensions,Dry Weight & Fuel Consumption				
		PRIME		STANDBY						
		KVA	KW	KVA	KW	L(mm)	W(mm)	H(mm)	kg	L/h
MM20	S4Q2	20	16	22	17.6	1480	650	860	400	4.3
MM40	S4S-T	39	31.2	43	34.3	1650	720	1095	650	7.1
MM60	S4K-T	55.5	44.4	61	48.8	1800	820	1120	800	10.3
MM90	S6K-T	85	68	93.5	74.8	2060	820	1170	1100	15.3
MM120	6D16-T	118	94	125	100	2360	820	1255	1400	22
MM200	6D22-T	190	152	210	168	2780	1090	1395	2120	34
MM220	6D22-TC	200	160	-	-	2780	1090	1395	2150	35
MM250	S6B-PTA	260	208	258	230	2780	1180	1565	2500	44
MM300	S6B-PTA2	300	240	315	252	2930	1180	1565	2620	50
MM400	S6B3-PTA	375	300	420	336	3030	1395	1700	2900	61
MM450	S6A3-PTA	455	364	500	400	3000	1480	1885	3710	74
MM500	S6A3-PTAA	500	400	550	440	3310	1575	1800	3800	82
MM500	S6R-PTA	600	480	656	525	3495	1595	1965	5350	94
MM650	S6R2-PTA	650	520	681	545	3790	1595	1965	5450	104
		-	-	750	600					
MM700	S6R2-PTAA	750	600	825	660	3940	1770	2015	5650	123
MM700	S12A2-PTA	700	560	-	-	4015	1720	2020	6420	119
		750	600	-	-					
		-	-	850	680					
MM1000	S12H-PTA	1000	800	1050	840	4235	1760	2455	8100	168
		1050	840	1160	928					
MM1200	S12R-PTA	1150	920	-	-	4700	2225	2370	10830	202
		1275	1020	1390	1112					
		-	-	1425	1140					
MM1400	S12R-PTA2	1375	1100	1530	1224	4935	2225	2895	10830	224
MM1500	S12R-PTAA2	1500	1200	1650	1320	5080	2235	3060	13000	240
MM1500	S16R-PTA	1530	1224	1575	1260	5550	2735	3005	13300	270
		1735	1388	1780	1424					
		-	-	1900	1520					
MM2000	S16R-PTA2	1906	1525	2100	1680	5650	2735	3005	13500	302
MM2500	S16R-PTAA2	2000	1600	2250	1800	6000	2435	3460	16000	321

Note: The information, state in this leaflet, is to assist users and intended for general guidance only. Specifications can be changed without notice for the purpose of product improvement.