



## POWER IMPROVEMENT



Certificate No : AJAT02/5936

Certificate No : AJAT02/Q2087



## MAXWELL GENERATING SET

MAXWELL Generating Set is one of the best Generating Set to Meet all your requirements with high efficiency, high reliability, low fuel consumption, low noise and environmental friendly with TA Luft Emission Regulation. MAXWELL Generating Set is powered and generated by high efficiency, high quality and well-known Diesel Engine and Alternator. All equipment are supplied by ISO certified manufactures.

## MAXWELL GENERATING SET FEATURES

MAXWELL Generating Set, either Standby or Continuous operation is equipped with a four (4) Stroke Diesel Engine coupled with a brushless Alternator by an elastic Flexible coupling, Both Diesel Engine and Alternator are mounted on a single steel baseframe. Customers are welcomed with the following options : Manual or Automatic Transfer operation, Canopy or Container Type with/without Soundproof also available. Electrical power supply of three phase 380/400/415 V., 50 Hz or 60 Hz is regulated with solid state voltage regulator and controlled with an electronic governor. MAXWELL Generating Set is secured by a fully automatic protection system which consists of over and underspeed control, over coolant temperature, low oil pressure and other electrical protections. Communication : Maxwell Intelligent Generating Set had provided the control to your hand alarm and remote control via SMS, all setups and controls can be done by mobile phone, Annunciation can sent to you at anywhere, with status Power Shutdown, Start, Running, Failure, etc. Extend to SCADA is available.

## ENGINE

Diesel Engine of MAXWELL Generating Set is complied with ISO-3046 Standard which identical to BS-5514, DIN 6271 and SAE 1349. Electronic Governor for engine speed regulation is complied with ISO-8528 G2 and G3. The Diesel Engine is equipped with either a 12V or 24V starting Motor and heavy duty Radiator.



"BASIC GENERATING SET" POWER BY VOLVO



"BASIC GENERATING SET" POWER BY PERKINS



"CANOPY SOUNDPROOF GENERATING SET"



"TRAILER GENERATING SET"

Certified by ISO 9001 : 2008





## Power By Volvo Penta Diesel

Gen-Set Model	Engine Model	Standby kVA / kW	Prime kVA / kW	Fuel / L / h Consumption	Dimensions / mm.(LxWxH) Gen-Set	Weight Kg.
MGV90GE	TD520GE (Mec)	90 / 72	80 / 64	19	1965 x 840 x 1516	1075
MGV105GE	TAD531GE (Mec)	105 / 84	100 / 80	22	2141 x 830 x 1197	1106
MGV140GE	TAD532GE (EDC4)	140 / 112	130 / 104	28	2335 x 840 x 1581	1510
MGV160GE	TAD731GE (Mec)	160 / 128	150 / 120	31	2491 x 830 x 1428	1937
MGV200GE	TAD732GE (EDC4)	200 / 160	180 / 144	39	2600 x 840 x 1561	2000
MGV220GE	TAD733GE (EDC4)	220 / 176	200 / 160	44	2700 x 945 x 1600	2100
MGV275GE	TAD734GE (EMS2)	275 / 220	250 / 200	52	2717 x 945 x 1600	2100
MGV340GE	TAD1341GE (EMS2)	340 / 272	300 / 240	52	2550 x 1120 x 1600	2500
MGV387GE	TAD1342GE (EMS2)	387 / 309	350 / 280	71	2945 x 1120 x 1600	2500
MGV400GE	TAD1343GE (EMS2)	400 / 320	370 / 296	76	3030 x 1120 x 1550	2565
MGV450GE	TAD1344GE (EMS2)	450 / 360	412 / 329	83	3300 x 1100 x 1600	2920
MGV500GE	TAD1345GE (EMS2)	500 / 400	450 / 360	94	3245 x 1135 x 1849	3260
MGV550GE	TAD1641GE (EMS2)	550 / 440	500 / 400	103	3300 x 1122 x 1880	3260
MGV625GE	TAD1642GE (EMS2)	625 / 500	550 / 440	116	3230 x 1488 x 1921	4000
MGV700GE	TWD1643GE (EMS2)	700 / 560	630 / 504	130	3300 x 1500 x 2000	4500

## Power By Perkins Diesel

Gen-Set Model	Engine Model	Standby kVA / kW	Prime kVA / kW	Fuel / L / h Consumption	Dimensions / mm.(LxWxH) Gen-Set	Weight Kg.
MGP30G	1103A-33G	30 / 24	27 / 21	7	1400 x 700 x 1250	800
MGP50G	1103A-33TG2	60 / 40	55 / 36	10	1590 x 700 x 1320	800
MGP70G	1104A-44TG1	70 / 56	65 / 52	14	1700 x 700 x 1320	900
MGP80G	1104A-44TG2	80 / 64	75 / 60	18	1900 x 700 x 1700	1000
MGP100G	1006TG1A	100 / 80	90 / 72	21	1900 x 800 x 1700	1050
MGP150G	1006TAG	150 / 120	135 / 108	31	2320 x 860 x 1900	1600
MGP165G	1006TAG2	165 / 132	150 / 120	34	2400 x 860 x 1900	1630
MGP220G	1106A-70TAG4	220 / 180	200 / 164	45	2550 x 860 x 1900	1800
MGP250G	1306-E87TAG4	250 / 200	225 / 180	49	2550 x 860 x 1900	1800
MGP300G	1606-E93TAG4	300 / 240	275 / 220	52	2600 x 860 x 1900	1900
MGP327G	1606-E93TAG5	327 / 261	300 / 240	55	2650 x 860 x 1900	1950
MGP400G	2206C-E13TAG2	400 / 320	350 / 280	70	3180 x 1160 x 2150	3000
MGP500G	2506C-E15TAG1	500 / 400	450 / 360	95	3410 x 1170 x 2180	3900
MGP550G	2506C-E15TAG2	550 / 440	500 / 400	104	3410 x 1170 x 2180	3900
MGP630G	2806C-E18TAG1A	630 / 504	550 / 440	108	3680 x 1490 x 2190	4000
MGP700G	2806A-E18TAG2A	700 / 560	630 / 504	125	3680 x 1490 x 2190	4000
MGP800G	4006-23TAG2A	800 / 640	730 / 584	152	3680 x 1490 x 2190	5190
MGP900G	4006-23TAG3A	900 / 720	800 / 640	167	4840 x 1700 x 2200	7700
MGP1125G	4008TAG2A	1125 / 900	1000 / 800	220	4870 x 1700 x 2200	8500
MGP1315G	4012-46TWG2A	1315 / 1040	1250 / 1000	265	5000 x 2100 x 2240	9000
MGP1500G	4012-46TWG3A	1500 / 1200	1360 / 1088	276	5000 x 2300 x 2500	9300
MGP1600G	4012-46TWG4A	1600 / 1280	1500 / 1200	306	5000 x 2300 x 2500	9500
MGP1800G	4012-46TAG3A	1875 / 1500	1700 / 1360	348	5800 x 2300 x 2950	11000
MGP2000G	4016TAG1A	2000 / 1600	1800 / 1080	383	5800 x 2300 x 2950	12200
MGP2250G	4016TAG2A	2250 / 1760	2000 / 1600	434	5800 x 2300 x 2950	12500
MGP2500G	4016-61TRG3	2500 / 2000	2250 / 1800	450	5800 x 2300 x 2950	12500



<http://www.piller.co.th>



Factory : 75 Moo 3, Petchkasem Road, Banmai, Sampran, Nakornpathom 73110, Thailand

Tel : 0-2805-8168-69, 0-3497-9334-37 Fax : 0-2813-9861, 0-3497-9333 E-mail : sales@piller.co.th