



GREEN POWER INTERNATIONAL (P) LTD.

SELECTION CHART FOR BIO GAS, SEWAGE GAS & LANDFILL GAS BASED GENSETS

MWM ENGINE TYPE	TCG 2016B V12	TCG 2016 V16 K	TCG 2016B V16	TCG 2020 V12 K	TCG 2020 V12	TCG 2020 V16 K	TCG 2020 V16	TCG 2020 V 20
Mechanical Power (KWm)	555	647	740	970	1050	1294	1400	1750
Electrical output (KWe)	537	626	716	943	1021	1260	1364	1703
Rated Speed (RPM)	1500	1500	1500	1500	1500	1500	1500	1500
No. of Cylinders	12	16	16	12	12	16	16	20
Configuration	V 90°							
Bore (mm)	132	132	132	170	170	170	170	170
Stroke (mm)	160	160	160	195	195	195	195	195
Combustion Type	Lean Burn Spark Ignited							
Intake system	Turbo Charged							
Dimension (mm) - L	3700	4400	4000	4700	5500	5500	6300	7300
Dimension (mm) - W	1450	1400	1400	1800	1800	1800	1800	1800
Dimension (mm) - H	2200	2200	2200	2500	2500	2650	2500	2600
Genset Weight dry (Kg)	5700	6600	6570	9000	9700	12500	13400	17300

Note:

- 1) Engine power rating according to ISO 3046/1
- 2) The power output is rated for continuous duty
- 3) The engine ratings are at standard operation & environment conditions.
- 4) the electrical output is at 50 Hz and Power Factor = 1
- 5) The Engine output is based on gases with minimum methane number as per recommendation of MWM
- 6) The dimension and weight are approximate and for reference purpose only