

SELECTION CHART FOR NATURAL GAS BASED GENSETS

MWM ENGINE TYPE	TCG 2016 V12	TCG 2016 V16 K	TCG 2016 V16	TCG 2020 V12 K	TCG 2020 V12 OLS	TCG 2020 V12	TCG 2020 V16 K	TCG 2020 V16 OLS	TCG 2020 V16	TCG 2020 V 20	TCG 2032 V12	TCG 2032 V16
Mechanical Power (KWm)	600	700	800	1050	1155	1200	1400	1540	1600	2070	3067	4084
Electrical output (KWe)	580	678	774	1021	1125	1169	1364	1500	1558	2012	3000	4000
Rated Speed (RPM)	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1000	1000
No. of Cylinders	12	16	16	12	12	12	16	16	16	20	12	16
Configuration	V 90°											
Bore (mm)	132	132	132	170	170	170	170	170	170	170	260	260
Stroke (mm)	160	160	160	195	195	195	195	195	195	195	320	320
Combustion Type	Lean Burn Spark Ignited											
Intake system	Turbo Charged											
Dimension (mm) - L	3700	4400	4000	4700	5500	5500	5500	6300	6300	7300	7800	8900
Dimension (mm) - W	1450	1400	1400	1800	1800	1800	1800	1800	1800	1800	2700	2750
Dimension (mm) - H	2200	2200	2200	2500	2500	2500	2650	2500	2500	2600	3700	3800
Genset Weight dry (Kg)	5700	6600	6570	9000	10450	10450	12500	13800	13800	17300	40300	46800

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 natural gas with minimum methane number as per recommendation of MWM
- 6) The dimension and weight are approximate and for reference purpose only