

# PRESENTING WORLD CLASS DIESEL AND GAS POWERED GENSETS



ENERGY SOLUTION  
**DIESEL ⚡ GAS**



**G A N G A D H A R**  
SINCE 1957

LARGEST SALES & SERVICE NETWORK IN INDIA

160+ SERVICE NETWORK

250+ SALES NETWORK

MORE THAN 5 LAKHS INSTALLATION

MARKET LEADER IN  
TELECOM & DAIRY SEGMENTS

60%  
Above

[gangadharindtree.com](http://gangadharindtree.com)

## DIESEL GENSET 5 kVA TO 625 kVA

### TECHNICAL SPECIFICATIONS

Rated (kVA)	Rated (KW)	Phase Option	Engine Model	No. of Cylinders	Gross Power in BHP @ 1500 RPM	Displacement (CC)	Class of Governor	Injection System	Aspiration	Radiator Cooled				Integral Fuel Tank Capacity (Ltr.)	Fuel Consumption @100% Load	Starting System
										DG Set Dimension (mm)						
										Length	Width	Height w/o Silencer	Weight			
5	4	1	KD441GSI2	1	8.2	441	G2	MECHANICAL	Natural	1050	700	745	210	15	0.9	12V DC
10	8	1/3	2185	2	18	1366			Natural	1700	900	1250	635	55	2.9	
15*	12*	1/3	2205	2	20	1490			Natural	1700	900	1250	675	55	3.6	
15	12	1/3	3255	3	25	2048			Natural	1875	900	1287	740	75	3.8	
20	16	1/3	3285	3	28	2048			Natural	1875	900	1287	750	75	4.8	
25*	20*	1/3	3335	3	33	1892			TC	1875	900	1287	790	75	4.9	
25	20	1/3	3385	3	38.6	2235			TC	1875	900	1287	790	75	6.2	
30*	24*	1/3	3385	3	38	2235			TCI	2000	980	1280	790	115	7.3	
30	24	1/3	3445	3	44	2048			TCI	2000	980	1280	935	115	7.3	
35*	28*	1/3	3445	3	44	2048			TCI	2000	980	1280	935	115	7.3	
40	32	1/3	4575	4	57	2731			TCI	2000	980	1280	985	115	9.9	
45*	36*	3	4575	4	57	2731			TCI	2000	980	1280	1000	115	9.9	
50	40	3	4725	4	72	3192			TCI	2400	1050	1523	1260	185	12.4	
62.5	50	3	4905	4	90	3532			TCI	2400	1050	1523	1295	185	15.3	
75	60	3	41035	4	103	3532			TCI	2950	1075	1575	1500	145	17.8	
82.5	66	3	41125	4	101	3821			TCI	2950	1075	1575	1500	145	18.1	
100	80	3	41265	4	126	4800			TCA	3500	1230	1425	1650	250	23.1	
125	100	3	41565	4	156	4800			TCA	3500	1230	1425	1650	250	28	
125	100	3	61565	6	156	7200			TCA	3500	1230	1425	1855	250	28	
160	128	3	61995	6	199	7200			TCA	3750	1300	1750	2630	300	36.7	
180	144	3	62235	6	223	7200			TCA	3900	1350	1745	2630	388	38.3	
200	160	3	62485	6	248	7200			TCA	3900	1350	1745	2630	388	40.8	
250	200	3	63105	6	310	9300			TCA	3990	1500	1770	3300	415	54.1	
320	256	3	63905	6	390	9300			TCA	4550	1600	1780	3550	570	67.4	
400	320	3	2206D-E13TAG3	6	492	12500			TCA	5000	1900	2303	5200	700	90.5	
500	400	3	2506D-E15TAG2	6	605	15200			TCA	5000	1900	2303	5800	700	101	
625	500	3	2806D-E18TAG1A	6	724	18100			TCA	5850	2000	2300	7500	798	130	

### SCOPE OF SUPPLY

Mahindra Powerol DG set conforming to CPCB II Norms, Comprising of suitable make radiator cooled diesel engines coupled to reputed make brushless single bearing A.C. Alternator mounted on sturdy M.S. Fabricated base frame, complete with control panel, Fuel Tank, MCP/AMF Panel. Battery with leads, Anti vibration mounting pads, safety switch and solenoids.

### NOTE

Above specification are subject to change without prior notice due to continuous technical improvements. All the engine models confirm to IS 10000 specifications.

Engine Governing as per BS 5514. \* Alternator : Reputed make conforming to respective IS standards.

India's First\* Gas Powered Genset  
From Mahindra Powerol

GAS GENSET  
10.5 to 125kVA



TECHNICAL SPECIFICATIONS

Genset Specification						
Genset Rating (kVA)	10.5	15	20	25	100	125
Duty (Standby/Prime)	Prime	Prime	Prime	Prime	Prime	Prime
Power Rating @ 100% kWe (in KW)	8.4	12	16	20	80	100
No. of Phases	1 Ph / 3 Ph	1 Ph / 3 Ph	1 Ph / 3 Ph	1 Ph / 3 Ph	3 Ph	3 Ph
Output Voltage (V)	230/415	230/415	230/415	230/415	415	415
Power Factor (lagging)	0.8	0.8	0.8	0.8	0.8	0.8
Current (A)	45.6/ 14.6	65.2/20.9	87/27.8	108.7/34.8	139	174
Frequency (Hz) & RPM	50/1500	50/1500	50/1500	50/1500	50/1500	50/1500
Governing Class	G2 as per ISO 8528 part 5					
Genset Dimensions (L x W x H) in mm	1875 X 1000 X 1195	1875 X 1000 X 1195	2285 X 1030 X 1255	2285 X 1030 X 1255	3750 x 1300 x 1700	3750 x 1300 x 1700
Genset weight (kg)	720	765	857	865	2210	2250
Engine Specification						
Make	Mahindra	Mahindra	Mahindra	Mahindra	Mahindra	Mahindra
Model	mGreen3235NGC4+	mGreen3235NGC4+	mGreen4335NG	mGreen4335NG	mPower61565GC	mPower61565GC
Rated Power at 100%Load HP	23	23	33	33	156	156
Aspiration	NA	NA	NA	NA	TCI	TCI
No. of cylinders	3	3	4	4	6	6
Bore x Stroke (mm)	88.9 X 110	88.9 X 110	88.9 x 101.6	88.9 x 101.6	105 x 137	105 x 137
Displacement (cc)	2048	2048	2523	2523	7118	7118
Fuel Consumption @ 75% Load (kg/hr) **	2.0	2.4	3.6	4	16	20
Fuel Consumption @ 100% Load (kg/hr)**	2.3	3.1	4.4	5	20	25
Starting System	12 V DC Electrical	12 V DC Electrical	12 V DC Electrical	12 V DC Electrical	24 V DC Electrical	24 V DC Electrical
Lube Oil Specification	Maximile CNG Plus	Maximile CNG Plus	Maximile CNG Plus	Maximile CNG Plus	Maximile CNG Plus	Maximile CNG Plus
Total Lubrication System Capacity (Ltr)	6.5	6.5	7	7	20.2	20.2
Lube Oil Consumption @ Full Load <sup>^</sup>	0.15% of Fuel consumption					
Lube Oil Change Period (hrs.)	500	500	500	500	500	500
Radiator Coolant Capacity (liter)	5.5	5.5	10	10	24	24
Alternator Specification						
Make	CG/LS/SF	CG/LS/SF	CG/LS	CG/LS	CG/LS	CG/LS
Enclosure Type	IP 23					
Voltage Regulation	+/- 1% with 4% engine Governing					
Class of Insulation	Class H					
Maximum Unbalanced Load across Phases	25%					

Above specifications are subject to changed without notice due to continuous technical development

# A tolerance of +/- 5% will applicable on declared power values

\* Genset Height is without silencer

^ A tolerance of +5% shall be applicable on fuel consumption values on account of product to product variation due to engine & +3% of tolerance due to alternator product to product variations

Gas Density : 0.667 Kg/m3



WE RIDE ON OUR PRODUCT STRENGTH



Low Ownership Cost



State-of-the-art Technology



Low Fuel Consumption



Long Life and Reliability



Long Service Intervals



CEV Stage-3 & CPCB Stage-II compliant



Modular Cylinder Head For Easy Serviceability



Mechanical / Common Rail Fuel Injection System

AUTHORISED GOEM OF MAHINDRA POWEROL DG SET



GangadharInd tree

Toll Free No.: 1800 889 9130

[gangadharindtree.com](http://gangadharindtree.com)

[enquiry@gangadharindtree.com](mailto:enquiry@gangadharindtree.com)

UNIT - I

Plot No.997/998, Aji Udyogik Vasahat,  
Street No.06, 80 Feet Road, Rajkot - 360003 Gujarat

UNIT - II

Survey No.306/307/P, Vangariya Paiya Road,  
Dungri, Dashwada, Tal Pardi, Dist. Valsad - 396145 Gujarat