

Company Introduction

- Among India's leading and one of the oldest engineering companies.
- Core Competencies: Diesel / Petrol Engines, Gensets, Pump-sets and Construction Equipment.
- Manufacturing 5 lakh engines annually.
- More than 80% of diesel 3-wheelers run on Greaves engines in India.
- 11 state-of-the-art manufacturing facilities spread across the country.
- Significant Strengths: Technology. Value. Reach.
- Strong team of more than 200 R&D professionals, with excellent infrastructure.
- Extensive Marketing and Service Network: Over 1200 sales & service centres across India.
- Global footprint, with local presence in South-East Asia, Africa and Middle-East.

Auxiliary Power Business

- Over 5 decades of experience in generator sets.
- Wide product range from 10kVA to 500kVA.
- CPCB-II Compliant Gensets: Fuel-efficient, rugged and reliable.
- Total solutions by single point of contact for sales & service: anytime anywhere.
- State-of-the-art technology centre at Pune for multi-cylinder / higher HP engines and gensets.
- Testing facility equipped with sophisticated equipment is among the best in the industry and can test engines up to 2 MW.
- Segments we serve: Banks, Education, Government, Petroleum, Malls, Hospitals, Hotels, Industries, Manufacturing, Railways, Infrastructure, Engineering, Dairy, Telecom, Food Processing, Textile and many more.

Greaves - Few Prestigious Installations

- Greaves Gensets powered India’s Antarctica Mission in 1982, operating continuously at sub-zero temperature.
- Power cars of the premium air-conditioned trains in the Indian Railways are powered by Greaves Gensets.
- Greaves Gensets (300 units) installed along the India-Bangladesh border help armed forces everyday from sunset to sunrise to keep a vigil.
- Supporting power requirement of India’s largest project in the Oil & Gas industry.



DG Set Technical Specifications

Model	GPWII-10	GPWII-15	GPWII-20	GPWII-25	GPWII-30	GPWII-40	GPWII-45	GPWII-62.5	GPWII-75	GPWII-80	GPWII-82.5	GPWII-100	GPWII-125	GPWII-160	GPWII-180	GPWII-200	GPWII-250	GPWII-320	GPWII-400	GPWII-500	
Power Rating (kVA/kW)	10 / 8	15/12	20/16	25/20	30/24	40/32	45/36	62.5/50	75/60	80 / 64	82.5/66	100/80	125/100	160/128	180/144	200/160	250/200	320/256	400/320	500/400	
No. of Phases	1/3	1/3	1/3	1/3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Power Factor	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
Current @ 0.8 PF (Amps)	43.4/13.9	65.2/20.8	86.9/27.8	108.6/34.7	130/41.7	55.6	62.6	87	104.3	111.3	114.3	139.1	173.9	222.6	250.4	278.2	347.8	445.2	556.5	695.6	
Battery Rating	12V,88AH	12V,88 AH	12V,88 AH	12 V 88 AH	12 V 88 AH	12 V 88 AH	12 V 88 AH	12 V 88 AH	12 V 88 AH	12 V 88 AH	12 V 88 AH	12 V 88 AH	12 V 88 AH	12 V,1 x 120 AH	12 V,1 x 120 AH	12 V,1 x 120 AH	24 V, 2 x 180 AH	24 V, 2 x 180 AH	24 V, 2 x 180 AH	24 V, 2 x 180 AH	
Integral Fuel Tank Capacity (Ltrs)	100	100	100	100	100	120	120	150	150	150	250	250	250	360	420	420	420	990	990	990	
Engine																					
Model	G-15-II	G-15-II	G-20-II	G-30-II	G-30-II	3G11TAG23	3G11TAG23	4G11TAG22	4G11TAG22	4G11TAG22	4G11TAG22	4G11TAG23	4G11TAG23	4G11TAG24	6G11TAG24	6G11TAG24	6G11TAG24	6G11TAG25	12V14TAG23	12V14TAG23	12V14TAG23
Cooling	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Aspiration	Natural	Natural	Natural	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled	Turbocharged & aftercooled
No. of Cylinders	2	2	3	3	3	3	3	4	4	4	4	4	4	4	6	6	6	6	12	12	12
RPM	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500	1500
Compression Ratio	17.5	17.5	17.5	17.5	17.5	17	17	17	17	17	17	17	17	16.8	17.2	17.2	17.2	16.8	17	17	17
Bore x Stroke mm	95X110	95X110	91X110	91X110	91X110	105X130	105X130	105X130	105X130	105X130	105X130	105X130	105X130	105X133	105 x 133	105 x 133	105 x 133	108 x 133	115X135	115X135	115X135
Cubic Capacity (Ltrs)	1.96	1.96	2.146	2.146	2.146	3.375	3.375	4.5	4.5	4.5	4.5	4.5	4.5	4.6	6.9	6.9	6.9	7.3	16.8	16.8	16.8
Power (HP)	21.6	21.6	25.2	42	42	59	59	101.3	101.3	101.3	101.3	126.6	126.6	155	243.1	243.1	243.1	313	604	604	604
Power (kW)	15.9	15.9	18.5	31.2	31.2	43.4	43.4	74.5	74.5	74.5	74.5	93.4	93.4	114	178.8	178.8	178.8	230	444	444	444
Governing	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Mech. / A1	Electronic / A1	Electronic / A1	Electronic / A1	Electronic / A1
Starting System	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	12V ESE	24V ESE	24V ESE	24V ESE	24V ESE
Lube Oil Specification	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4	Greaves Maxtherm API CF4
Lube Oil Sump capacity (Ltrs)	5	5	6	6	6	9	9	11	11	11	11	11	11	11	17	17	17	17	50	50	50
Alternator																					
Voltage	230/415	230/415	230/415	230/415	230/415	230/415	415	415	415	415	415	415	415	415	415	415	415	415	415	415	415
Frequency	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Voltage Regulation (max.)	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%	±1%
Insulation	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H	Class - H
Enclosure	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23	IP - 23
Genset Installation																					
Al. Armoured cable (3.5 Core, Sq. mm) * are with 1 core x no of run for copper cable	16 x 2 */ 2.5 x 4*	16 x 2*/ 2.5 x 4*	35 x 2*/ 6 x 4*	35 x 2* / 25 x 1	35 x 2* / 25 x 1	25 x 1	25 x 1	25 x 1	70 x 1	95 x 1	70 x 2	70 x 2	95 x 2	185 x 1	240 x 1	300 x 1	185 x 2	185 x 2	240 x 3	300 x 3	300 x 3
Exh. Pipe Size (mm)	60 NB	60 NB	60 NB	75 NB	75 NB	75 NB	75 NB	75 NB	75 NB	75 NB	75 NB	75 NB	100 NB	125 NB	125 NB	125 NB	125 NB	125 NB	150 NB	150 NB	150 NB
Dimensions																					
Length x Width x Height (mm)	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350	1000 x 500 x 1350
Weight (Kg) (approx.)	650	790	860	1180	1180	1495	1495	1670	1670	1670	1670	1670	1860	1860	2300	3025	3400	3400	4050	5000	6200