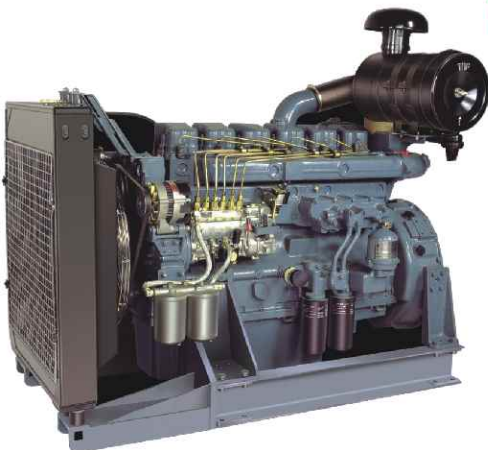




Enriching Lives

Power Ideas for you



Power, Performance, Peace of mind.



About us...

Kirloskar Engines - "The driving force behind the Nation"

- 'Kirloskar'- The brand with rich engineering heritage for over 100 years.
- Active population of over two million engines worldwide.
- Annual manufacturing volumes exceeding 180,000 engines for range between 3hp to 8000hp.
- Dominant market presence in power generation, construction, earthmoving, material handling and tractor engine segment.
- Prestigious ISO 9001 certification for Quality Management System since 1992 & ISO 14001 certification for Environment Management System since 1999.
- Most modern Research and Engineering facility for Design, Development and up-gradation of engines, systems, controls and canopy.



Research & Engineering(CRE)

Kirloskar Green Power Facts

- Fully integrated Gensets & Power systems to meet current & future needs of customers.
- Over 50,000 Kirloskar Green Gen-sets manufactured annually.
- Worlds largest Selling Brand (in 15-250kVA).
- Market leader with full range from 2.5 kVA to 6300 kVA.
- Every 2nd Gen-set in the country is a Kirloskar Green Genset.
- Over 75,000 Gen-sets all over the country help to run the Indian Telecom Network.
- More than 15,000 Gensets deployed along the Indian Borders providing the reliable power to the Defence forces.
- More than 100 special containerised Genset packages, supplied for critical Defence applications.
- Large number of Satisfied Customers from Manufacturing, Software, Construction, Infrastructure sector in 320 kVA to 600 kVA range.

Complete Power Ideas For You



The Kirloskar Green Advantage

- Complete Power Ideas from Genset selection to Total Power Management.
- Multiple sets for Higher kVA requirements.
- Air-cooled & water cooled engines.
- Aesthetically superior, compact, fully integrated, weather proof Acoustic Enclosures.
- Widest Range of Power Offerings.
- Worlds first Gensets to be CPCB compliant for noise & Emissions.
- Lowest Operating Costs and Extremely reliable.
- State of the Art Engine & Genset Control System.
- Ideally suitable for critical industries like Constructions, Manufacturing, Textile, Telecom, Services etc.
- Rated Best in Class in service by A.C Neilson.
- Authorised Sales & Service Outlet in your neighborhood.
- 2 years / 5000 Hours warranty.

Products at a glance

■ **KG Air & Water Cooled Engines**

HA Series

- 15 to 70kVA Range.
- Air Cooled technology, 2, 3, 4, and 6 Cylinder configuration.
- Highest Reliability and Economy.
- Auto belt tensioning system, resulting in increased belt life.
- Modular Design, No external piping.
- Ease of Maintenance.

R 1040 Series

- 20 to 125kVA Range.
- Most rugged engine in 2,3,4 and 6 cylinder configuration. Specially designed for heavy duty application.
- Wet liner design ensures high reliability and low maintenance cost.
- Modular Design, No external piping.

SL Series

- 140 to 250kVA Range.
- 6 Cylinder, Most Compact 6.48 Ltr. engine series.
- Lowest power to weight ratio in its class.
- Low fuel and oil consumption.
- Wet liner design ensures high reliability and low maintenance cost.

K Series

- 275 to 600kVA Range.
- World renowned technology, 6,8,10 and 12 cylinder configuration.
- Flat SFC curve from 50 to 100% loads, unmatched fuel economy and lowest generating cost.
- Electronic governor for Isochronous governing and paralleling operations.
- Modular construction, No external piping.
- Ease of Maintenance.

■ **Kirloskar Green Alternators**

- Compact Design.
- Best in Class Efficiency.
- Better value for money.
- Low vibration Levels.
- Positive voltage built-up
- Special windings to reduce harmonics.
- State of the art, compact & high performance AVR.
- Epoxy gel coating to suit various environment conditions.

■ **Kirloskar Green Canopy**

- Kirloskar Green Design.
- Compact and aesthetically superior.
- Fully meeting CPCB norms of 75 dBA @ 1Mtr.

■ **Controls**

- State of art engine and genset monitoring and safety system.
- Includes safety controls for low coolant level in radiator and high canopy temperature.

■ **Standard Scope of Supply**

- Kirloskar diesel engine
- Kirloskar Green Brushless alternators.
- Formed base plate.
- Powder coated sheet metal DG set control panel complete with 1 voltmeter with selector switch, 1 ammeter with selector switch, frequency meter, MCB (for below 45 kVA rating) or MCCB (45 kVA and above rating), wiring diagram pasted inside the panel.
- Removable sheet metal fuel tank of capacity for 8hr running at 75% load complete with inlet spout strainer and fuel level indicator.
- 12V Electrical system up to 140 kVA rating, 24V electrical system for higher kVA rating.
- Automatic shut down incase of fault detection.
- Kirloskar Green Silent Canopy.

■ **Optional Peripherals**

- kWh meter.
- 24V electrical starting system (for 3,4 & 6 cylinder R1040 and HA Series Engines).
- 2 batteries of 12V each.
- DG set controller.
- Auto Mains Failure panel.
- Cold Starting aid.



Overall Specifications of Kirloskar Green Silent Gensets

415V, 50 Hz, 3 Phase Water cooled Silent Gensets

Genset Model	Engine Model	Prime Power Genset rating at 0.8 pf (kVA)	Overall canopy dimensions with silencer Length x Width X Height (mm)	Approx. weight (with canopy) Kg
KG12.5WS	RV2	12.5	2265 X 990 X 1566	1000
KG30WS1	RB33 'Plus'	30	2530 X 1190 X 1840	1300
KG20WS1	RV3	20	2520 X 1190 X 2100	1300
KG40WS	4R1040	40	3350 X 1190 X 2100	1520
KG50WS	4R1190	50	3350 X 1190 X 2100	1500
KG62.5WS	4R1040T	62.5	3370 X 1900 X 2100	1930
KG82.5WS	4R1040TA	82.5	3625 X 1390 X 2250	1950
KG100WS	6R1080T	100	3940 X 1640 X 2450	2500
KG125WS	6R1080TA	125	3940 X 1640 X 2450	2700
KG140WS	6SL9088TAI	140	4625 X 1840 X 2890	3580
KG160WS	6SL9088TA	160	4625 X 1840 X 2890	3720
KG180WS	6SL1500TAI	180	4625 X 1840 X 2890	3870
KG200WS	6SL1500TA	200	4625 X 1840 X 2890	3950
KG250WS1	6SL8800TA	250	5340 X 1840 X 2450	4660
KG275WS1	6KL12TA	275	5730 X 2250 X 3250	5860
KG320WS1	6KL12TA Sr1	320	5730 X 2250 X 3250	5860
KG400WS1	8K15TA	400	5900 X 2000 X 3274	6180
KG500WS1	10K18TA	500	6235 X 2000 X 3375	6990
KG600WS1	12K22TA	600	6675 X 2000 X 3510	8200

415V, 50 Hz, 3 Phase Air cooled Silent Gensets

Genset Model	Engine Model	Prime Power Genset rating at 0.8 pf (kVA)	Overall canopy dimensions with silencer Length x Width X Height (mm)	Approx. weight (with canopy) Kg
KG15AS	HA294	15	1990 X 1090 X 1840	1220
KG25AS	HA394	25	2730 X 1100 X 1920	1350
KG30AS	HA494	30	3130 X 1100 X 1940	1440
KG35AS	HA494	35	3130 X 1100 X 1940	1440
KG45AS	HA494T	45	3220 X 1100 X 1940	1580
KG55AS	HA694	55	3970 X 1240 X 1900	1870
KG70AS	HA694T	70	3980 X 1290 X 1840	1920

In view of continuous product updation and design changes, all above specifications and dimensions are subject to change without prior notice.

Notes

- Genset ratings are as per ISO 8528 performance class G2.
- Prime Power Rating is the maximum power available continuously for a variable electrical load for unlimited number of hours per year under standard operating conditions.
- For the site conditions other than standard operating conditions, consult KOEL for available prime power.

Round the clock, At your Service

Nationwide Service Network



Service Offerings

- Product Support through...
 - Service and Parts
 - Training & Information
 - Re-Con & Job work
 - Warranty Administration
- Single window service for Gen-sets, Customised AMCs
- Support systems like MTTR, EDO, First pick availability etc for maximum uptime of Gensets
- K-oil / K-cool for Product life extension.
- Fully implemented CRM module
- I-store for web based orders

Service Performance

- Over 95 % first pick availability for Spare parts.
- Over 50 % service dealers with service vans.
- Over 50 % service dealers with ISO certification.
- Average Restoration across the country within 48 hours.

Our Enduring Clientele

Telecom

FMCG

Manufacturing

Engineering

Textile

Petroleum

Defence

Retailing

Banking

Hospitality

Construction / Infrastructure

Information Technology

..... and many more.



Sales force in your neighborhood

Marketing & Sales Network



AREA SALES OFFICES

• 178 A, Zone-B, Mancheswar Industrial Estate, Bhubaneswar-751010, Orissa Phone: +91 (674) 2588047 Fax: +91 (674) 2588021. • Door No. 39-5392, Padmashree, Panampally Nagar, H.B. Colony, Kanayannur Taluk, Dist. Ernakulam, Cochin - 682 036. Phone : +91 (484) 231 6687, 231 6653. Fax : +91 (484) 231 6652. • G S Road, Bangagarh, Opp. IDBI, Guwahati - 781 005. Telefax: +91 (361) 256 2894, 256 6284, 245 1587. • 37-38 Lasudia Mori, Near TCI Petrol Pump, Opp. Gurudwara, Dewas Naka, Indore - 452 010. Phone : +91 (731) 280 2307, 280 2308. • D-24, Durlabh Niwas, Subhash Marg, 'C' Scheme, Jaipur - 302 001. Phone : +91 (141) 236 1789, 236 3389. Fax : +91 (141) 236 8148. • 498 / 143 KA, Main Faizabad Road, Near IT Collage Crossing, Upper Floor of State Bank of Indore, Lucknow - 226 007. Phone : +91 (522) 232 3130, 278 9633, 278 9565. Fax : +91 (522) 278 9764. • 408, 4th Floor, Savitri Complex, G T Road, Ludhiana - 141 001. Phone : +91 (161) 253 1372, 253 1848, 254 6667, 254 6668. Fax : +91 (161) 254 3847. • 10, Corporate Park, Swastik Mill Compound, Sion - Trombay Road, Chembur, Mumbai - 400 071. Phone : +91 (22) 2528 9866, 2528 7584, 2527 5075 Fax : +91 (22) 2527 8029. • 1-7-27 to 34, 216 to 228, United Building Complex, 2nd Floor, 'B' Block, Sarojini Devi Road, Secunderabad - 500 003. Phone : +91 (40) 2781 9561, 2781 9563, 2789 7873, 2772 0861. Fax : +91 (40) 2772 1511.

ZONAL SALES OFFICES

• Ground Floor, D Block, Pruthvi Tower, Jodhpur Char Rasta, Ahmedabad - 380015. Phone : +91 (79) 2692 9687, 2692 4687 • 3rd Floor, Shri Lakshmi Complex, 15, St. Marks Road, Bangalore - 560 001. Phone : +91 (80) 2558 7562, 3057 8174. Fax : +91 (80) 2558 7559. • Nelson Tower, 1st Floor, 2nd Wing, 117, Nelson Manickam Road, Chennai - 600 029. Phone : +91 (44) 2374 4624, 2374 4875, 2374 4874. Fax : +91 (44) 2374 4625. • 8th Floor, Poonam Building, Flat Nos. 8A & 8B, 5/2, Russel Street, Kolkata - 700 071. Phone : +91 (33) 2217 0858, 2217 0860, 2217 0861. Fax : +91 (33) 2217 0859. • UCO Bank Building, Parliament Street, New Delhi - 110 001. Phone : +91 (11) 2371 1786, 2371 8544, 2371 9490, 2331 9484, 2331 9473. Fax +91 (11) 2371 0159.



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