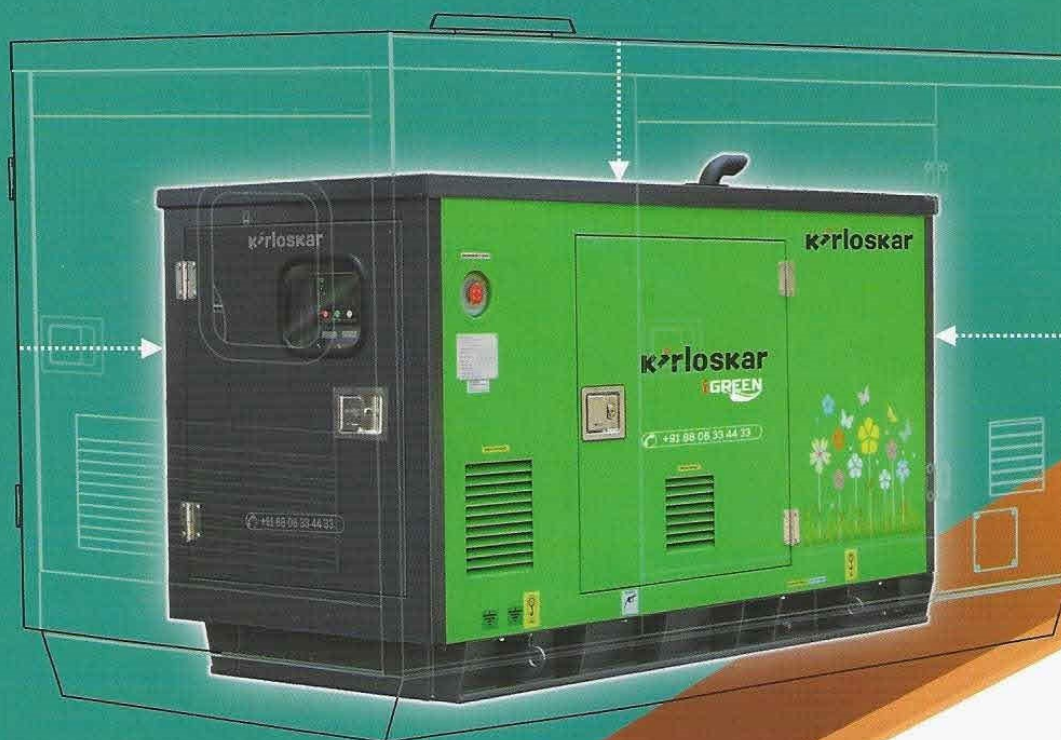


INDIA'S #1 GENSET BRAND

R550 SERIES GENSET 15 kVA



Compact Power Pack

→ 30% size reduction ←

EFFICIENCY HAS A NEW NAME

karloskar
iGREEN

2.0

15 kVA

Prime Rating at rated rpm (as per ISO8528) ¹		kVA	15
		kW	12
Frequency		Hz	50
Power factor		lagging	0.8
Voltage		V	230 1Ø/ 415 3Ø
Governing class (As per ISO 8528 Part-V)			G3
DG set Noise level at 1Mtr with Genset Canopy		dba	< 75
Fuel Consumption [#]	At 100 % Load	Ltrs/hr	3.7
	At 75 % Load		2.8
	At 50 % Load		2.1
Fuel tank capacity		Ltrs	36
Weight of genset with canopy (approx.) [§]	Dry	Kg	630
	Wet	Kg	680
Overall dimensions of genset [^]	Length	mm	1800
	Width	mm	725
	Height	mm	1050
Electrical Battery starting voltage		Volts-DC	12
ENGINE			
Engine Model (Parent Engine)			R550
Rated output (Prime Continuous rating as per ISO 8528-1)	kW		15.4
	HP		20.9
No. of cylinder	Number		3
Cubic capacity ²	Ltrs		1.65
Bore x Stroke	mm		86 x 94
Rated Speed	RPM		1500
Aspiration	NA/TC/TA		NA
Lube Oil change period	hrs.		500
Lube Oil Sump Capacity	Ltrs		6
Coolant Capacity with Radiator	Ltrs		4.5
ALTERNATOR			
Insulation Class			Class H
Ingress Protection			IP 23
Alternator Efficiency (at 100% load) 0.8 pf*			85.20%
Alternator Efficiency (at 75% load) 0.8 pf*			86.10%
Permissible Voltage Dip at Full Load 0.8 pf Lag			≤ 20 %
Time Permitted to build up rated voltage at Rated RPM			Within 2 sec after reaching rated RPM
Short Circuit Withstand Time		sec	3 times rated current for < 10 sec
Overload Withstand Capacity		%	10% Over load for 1 hour once in 12 hours

Notes

[^] Tolerances Apply

[#] With 0.845 Specific Gravity of diesel (5% Tolerance)

[§] These Weight are for handling & transportation only; ±5 % tolerance apply

* Efficiency of Alternator as per standards IEC60034-1

For Site Conditions other than standard operating conditions consult Kirlskar Oil Engines for available prime power.

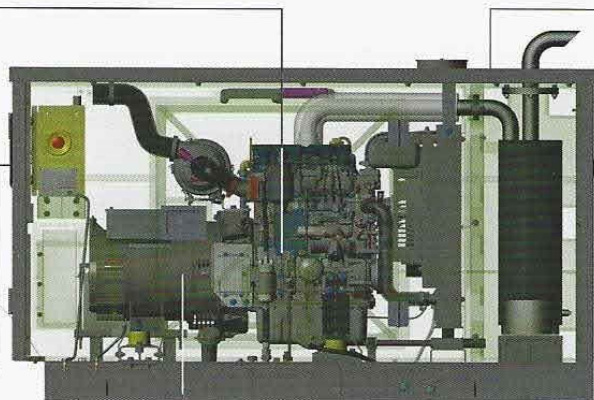
For intermediate ratings, kindly contact nearest Kirlskar office

Engine

- Low emission, high efficiency engines
- Compact, robust and rugged design
- Hassle free start for standby application
- No External piping
- Electronic governor

Controller

- Microprocessor based with graphical LCD display
- Best in class monitoring and diagnostic capability
- Communication configuration enabled



Canopy

- 30% volumetric size reduction
- Low NVH design
- Silencer inside canopy*
- Aesthetically designed bolt-less canopy
- Weather and sound resistant enclosure
- Ease of access and serviceability
- Insulation confirms to UL94-HF1 class for flammability

Alternator

- Stable power quality
- Best in class efficiency
- Minimum harmonics interference
- Vacuum pressure impregnation
- Epoxy gel coating on the winding

Kirloskar iGreen Power Back-Up Solution

Kirloskar iGreen presents India's only digital power back-up solution, designed for the users of tomorrow. Kirloskar iGreen promises world class performance with world class features such as robust design, digital connectivity, ultimate convenience of use, smart user interface, superior looks and one-stop solution for its esteemed customers.

Ultimate Convenience with AMF

Kirloskar iGreen gensets comes with an Auto Main Failure panel which are specifically designed to deliver ultimate convenience to user. With mains power failure, this panel automatically starts the genset and once the mains power is restored this panel switch off the genset, providing hassle free experience with running cost optimization. This ensures uninterrupted power supply all the time.

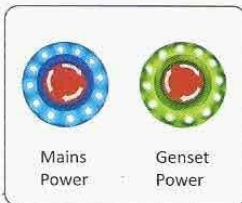
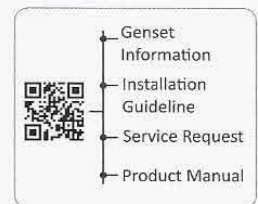


Genset Monitoring at Your Finger Tips

Kirloskar iGreen gensets are enabled with Kirloskar remote monitoring system which shares Real Time Genset information and location Services. It can be accessed via mobile device or desktop. Kirloskar remote monitoring system also highlights any parameter which needs special attention. These critical indication alerts are sent to user mobile via text message. It also alerts nearest services dealer in case of any emergency break-down.

QR Code Enabled Genset

Kirloskar iGreen gensets are first in the industry to introduce QR code enabled Genset. It provides genset relevant information to user on a single scan. This QR code can also be used for accessing product catalogue or raising product service requests. So now all the information of your genset is a scan away.



Status Indicator

Kirloskar iGreen gensets comes with a genset indicator which will help user understand the genset running status from a distance with just a glance. The genset status indicator is multicolour with each colour indicating a separate status of your genset. Green light indicates load is on Genset and blue light indicates that load is on mains power.

Aesthetically Enhanced Genset

Kirloskar iGreen Gensets are aesthetically enhanced range of gensets with improved product life. It comes with a bolt-less designed canopy which along with seamless appearance minimises the canopy deterioration. Placing the silencer inside the canopy ensure saving on space and make it more aesthetic. The new attractive colour scheme makes Kirloskar iGreen gensets more vibrant and green decals reminds of Kirloskar commitment to efficiency in conservation & going green in everything we do.



Single Point Of Ownership

Kirloskar iGreen provides a single point ownership of your complete power back-up ecosystem. These systems are designed to work in coherence with each other and hence are capable of providing a seamless experience to customers. With India's largest service network Kirloskar iGreen provides a comprehensive warranty for all components of your power back-up ecosystem.

Refuel and Relax, We will take care of your Genset

In addition to warranty, customers can choose a Comprehensive maintenance contract, ANUBANDH, in which Kirloskar promises to maintain your genset for 5years (or 6000hrs whichever is earlier). This specially designed package provides you hasslefree 24X7 services through well trained professionals, genuine spares and consumables directly through an agreement with Kirloskar. All you need to do is Refuel and Relax.



EFFICIENCY. INTEGRATED

A KIRLOSKAR PROMISE

Efficient Products

- India's first IoT enabled digital genset
- Designed for convenient user experience
- Best-in-class fuel efficiency delivered
- Compact design & long life product
- Optimized consumption of lubricant oil
- Optimized total cost of ownership (TCO)
- All products tested before delivery

EFFICIENT PRODUCTS



EFFICIENT SOLUTIONS



Efficient Solutions

- Load sizing for every single genset order
- One stop power back-up solutions
- Serves complete application gamut
- Highly trained & experienced team
- Non-conventional solutions (bio-diesel)
- Specific solution for harsh environments
- Exhaust mgmt., foundation, cabling etc.

Efficient Service

- India's widest service dealer network
- Kirloskar connect-self-service application
- eFSR-Electronic field service report
- Over 6000 trained service engineers
- Over 600,000 machines under care
- 98%+ parts available at each outlet
- Flexible & economical AMC-Bandhan

EFFICIENT SERVICE



EFFICIENT NETWORK



Efficient Network

- Consistent, reliable & long-established
- 250+ expert touch points across India
- 500+ solution oriented professionals
- Uniform customer experience across
- Central system for enquiry to PRF
- Fair trade practices & Price transparency

Efficient Deliveries

- Cost-effective deliveries guaranteed
- Assured 7-day delivery of gensets
- Supports project management system
- Reduced working capital for customer
- Award-winning replenishment model
- Assurance of FRESH products always

EFFICIENT DELIVERIES



EFFICIENT 24X7 CARE



Efficient 24X7 Care

- 24 X 7 operational customer care centre
- Team of over 70 trained & focused exec.
- Tracking every service request till closure
- Centrally maintained CRM for all requests
- Satisfaction call after every SR closure
- Central sales lead tracking system
- Continuous NPS and CDI measurement

**CPCB II
COMPLIANT**

kirloskar
Oil Engines

www.koel.kirloskar.com

Kirloskar Oil Engines Limited

A Kirloskar Group Company

Laxmanrao Kirloskar Road, Khadki,
Pune 411 003 INDIA.



880 633 4433

koel.helpdesk@kirloskar.com



Mark bearing word 'Kirloskar' in any form as a suffix or prefix is owned by Kirloskar Proprietary Ltd. and Kirloskar Oil Engines Ltd. is the Permitted User. This Catalog is copyrighted and may not be reproduced in any form not even parts of it, without previous written permission by copyright owners, Kirloskar Oil Engines Ltd. Product improvement is a continuous process. Kindly contact Kirloskar for latest information.