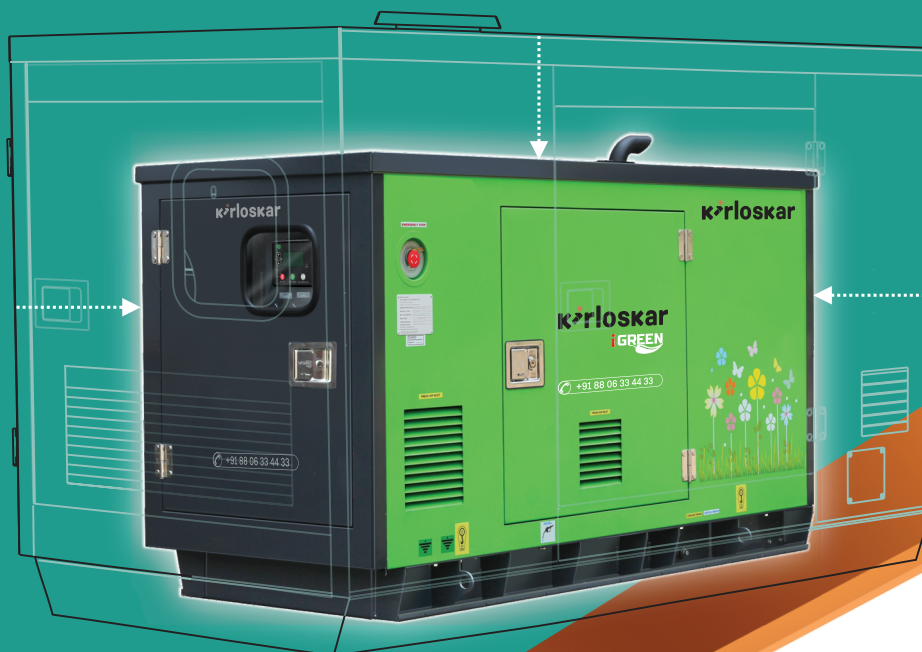


INDIA'S #1 GENSET BRAND

# 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 ) <sup>1</sup>		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 <sup>#</sup>	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.) <sup>§</sup>	Dry	Kg	630
	Wet	Kg	680
Overall dimensions of genset <sup>^</sup>	Length	mm	1800
	Width	mm	725
	Height	mm	1050
Electrical Battery starting voltage		Volts-DC	12
<b>ENGINE</b>			
Engine Model (Parent Engine)			<b>R550</b>
Rated output (Prime Continuous rating as per ISO 8528-1)		kW	15.4
		HP	20.9
No. of cylinder		Number	3
Cubic capacity <sup>2</sup>		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
<b>ALTERNATOR</b>			
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

<sup>^</sup> Tolerances Apply

<sup>#</sup> With 0.845 Specific Gravity of diesel ( 5% Tolerance )

<sup>§</sup> 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 Kirloskar Oil Engines for available prime power.

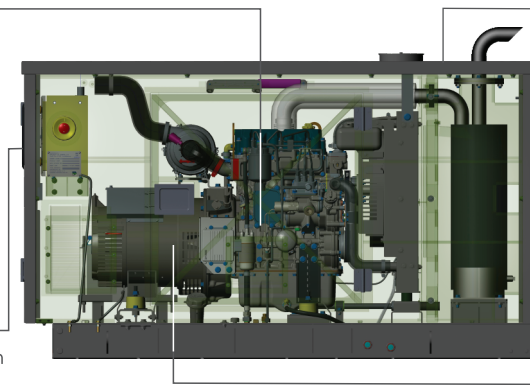
For intermediate ratings, kindly contact nearest Kirloskar office

### Engine

- Low emission, high efficiency engines
- Compact, robust and rugged design
- Hastle 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 conforms 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.

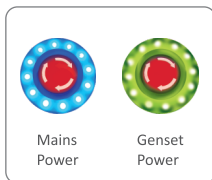
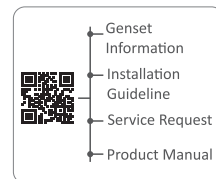


### Genset Monitoring at Your Finger Tips

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 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 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 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

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Stamp of  
Authorised  
Representative

REV/01/Kirloskar iGreen\_RS50/Mar 22