

INDIA'S #1 GENSET BRAND

SLIM POWER SERIES GENSET 5 - 12.5 kVA



India's first IOT enabled Genset
The Complete Power Back-up Solution

EFFICIENCY HAS A NEW NAME

Karloskar
GREEN

5 - 12.5 kVA

Prime Rating at rated rpm (as per ISO 8528) ¹	kVA	5	7.5	10	12.5	
	kW	4	6	8	10	
Genset Model		KG1-5ASE	KG1-7.5ASE	KG1-10ASE	KG1-12.5ASE	
Frequency	Hz	50	50	50	50	
Power factor	lagging	0.8	0.8	0.8	0.8	
Voltage	V	230 (1Ø) & 415 (3Ø)				
Governing class (As per ISO 8528 Part-V)		G2	G2	G2	G2	
Noise level	dB(A)	<75	<75	<75	<75	
Fuel Consumption #	At 100% Load	1.6	2.21	3	3.45	
	At 75% Load	1.3	1.62	2.4	2.65	
	At 50% Load	1	1.21	1.8	1.94	
Fuel tank capacity	Ltrs	50	50	50	50	
Weight of genset with canopy (approx..) [§]	Dry	Kg	640	650	710	800
	Wet	Kg	690	700	760	850
Overall dimensions of genset [^]	Length	mm	1417	1417	1767	1767
	Width	mm	820	820	820	820
	Height	mm	1321	1321	1328	1321
Electrical Battery starting voltage	Volts-DC	12	12	12	12	
ENGINE						
Engine Model		EA10 G1	EA10G1	EA16G1	EA16G1	
Rated output (Prime Continuous rating as per ISO 8528-1)	kW	7.3	7.3	11.8	11.8	
	HP	10	10	16	16	
No. of cylinder	Number	1	1	2	2	
Cubic capacity ²	Ltrs	0.95	0.95	1.56	1.56	
Bore x Stroke	mm	102 x 116	102 x 116	95 x 110	95 x 110	
Rated Speed	RPM	1500	1500	1500	1500	
Aspiration	NA/TC/TA	NA	NA	NA	NA	
Lube Oil change period	hrs.	500	500	500	500	
Lube oil Sump Capacity	Ltrs	3.5	3.5	6.5	6.5	
Coolant Capacity	Ltrs	NA	NA	NA	NA	
ALTERNATOR						
Insulation Class		Class H	Class H	Class H	Class H	
Alternator Efficiency (at 100% load) 0.8 pf [*]	%	78.1	82.5	82.6	84.9	
Max Voltage Dip at Full Load 0.8 pf Lag	sec	<20%	<20%	<20%	<20%	
Max Time to build up rated voltage at Rated RPM		< 5 sec provided engine reach the rated speed				

Notes

[^] Tolerances Apply

With 0.845 Specific Gravity of diesel (5% Tolerance)

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

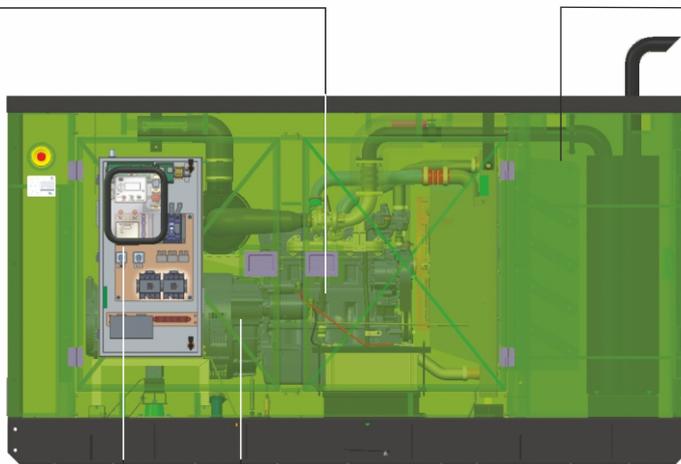
^{*} Efficiency of Alternator as per standards IEC60034-1

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

For intermediate ratings, kindly contact nearest Kirloskar office

Engine

- Industries most reliable engines, proven over decades
- Low emission, high efficiency engines
- Compact, robust and rugged design
- +500 hours lube-oil change period



Controller

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

Canopy

- Silencer inside canopy^{*}
- Aesthetically designed bolt-less canopy for enhanced product life
- Weather and sound resistant enclosure
- Ease of access and serviceability
- Insulation conforms to UL94-HF1 class for flammability

Alternator

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

Kirloskar Green Power Back-Up Solution

Kirloskar Green presents India's only digital power back-up solution, designed for the users of tomorrow. Kirloskar Green 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.



Genset Control at Your Finger Tips

Kirloskar Green 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.

Aesthetically Enhanced Genset

Kirloskar Green 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 Green 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 Green 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 Green 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.



Ultimate Convenience with AMF (Optional)

Kirloskar Green 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.



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

