



Global Solution Provider



IOT enabled Genset

The Complete Power Back-up Solution

EFFICIENCY HAS A NEW NAME

kärloskar
GREEN

Kirloskar Green Power Back-Up Solution

Kirloskar Green is pioneer in 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.

Ultimate Convenience with AMF

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.



Genset Monitoring 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.

QR Code Enabled Genset

Kirloskar Green 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 Green 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 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. 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 wide network coverage Kirloskar Green provides a comprehensive warranty for all components of your power back-up ecosystem.



Global Solution Provider
WIDEST RANGE OF GENSET

PETROL & DIESEL Kirloskar Green PORTABLE GENSETS

Technical Specifications 2.1 - 5 kVA

PARAMETERS		UNIT	DIESEL GENSET			PETROL GENSET		
Rated Output at 230V / 50Hz		kVA	3.5	5	5	2.4	3.3	5 [§]
Rated Output at 230V / 50Hz		kW	2.8	4	4	2.1	3	4
Genset model			CC1-3.5AS4 [¶]	CC1-5AS4 [¶]	CC1-5AS2	KCC-P-2.1 AS	KCC-P-3.0 AS	KCC-P-4.0 AS
Rated current at Unity PF		A	12.17	17.39	17.39	9.13	13	17.39
Voltage		V	230V, Single phase (with AVR type technology)					
Noise level (1M) - for reference		dB(A)	≤75	≤75	≤70	71	71	71
Fuel consumption*	At 100 % load	Ltrs/hr	1.11	1.5	1.5	1.29	1.9	2.7
	At 75 % load		0.93	1.2	1.2	1.09	1.5	2.1
	At 50 % load		0.78	0.9	0.9	0.84	1.3	1.6
Fuel tank capacity		Ltrs	12.5	12.5	13	6.5	12.5	12.5
Overall dimensions of genset (L x W x H) [^]		mm	1150 x 560 x 840	1150 x 560 x 840	970 x 580 x 970	950 x 510 x 650	1045 x 550 x 735	1045 x 550 x 735
Weight of genset with canopy approx. [^]	Dry	kg	190	190	190	110	129	145
ENGINE								
Engine model			CC418 G1	CC418 G1	CC418 G1	CCP196	CCP302	CCP389
Rated output (Prime continuous rating as per ISO 3046)	kW		5.5	5.5	5.5	2.9	4.2	5.6
	HP		7.47	7.47	7.47	3.94	5.7	7.6
Cubic capacity		cc	418	418	418	196	302	389
Lube oil change period		Hrs	200	200	200	100	100	100
Lube oil sump capacity		Ltrs	1.65	1.65	1.65	0.6	1.1	1.1

Why get satisfied with power back-up of 4 lights & 4 fans ?

With Kirloskar Green Gensets ensure non stop comfort of wide range of appliances



COMPUTER /
LAPTOP



LED
TELEVISION



WASHING
MACHINE



AIR
CONDITIONER



REFRIGERATOR



COLD DRINK
REFRIGERATOR



DEEP
FREEZER

§ Maximum output for limited time.

¶ Genset model will be available in 4 wheel configuration.

* Specific gravity of diesel to be considered as 0.845 and for petrol 0.775 for LPH calculations (+5% tolerance on LPH) for well run engines only.

^ All canopy dimensions have tolerance of ± 50 mm.

^ Width of genset considered without base plate lifting hook.

^ Genset weight tolerance +50 Kg.

• All genset ratings are CPCB compliant.

• Above Gensets are single cylinder, air cooled with 50Hz frequency, 230V single phase, 12V battery and 3000 rpm as standard features.

• For Air conditioning load, kindly contact authorised Kirloskar Oil Engines Ltd sales expert.

5 - 160 kVA

PARAMETERS		UNIT	5 to 12.5kVA			
Prime Rating at 0.8 pf		kVA	5	7.5	10	12.5
		kW	4	6	8	10
Voltage		V	415	415	415	415
Frequency		Hz	50	50	50	50
Overall Dimensions with canopy^	Length	mm	1310	1310	1760	1760
	Width	mm	810	810	820	820
	Height	mm	1330	1330	1330	1330
Dry Weight of genset with canopy^		kg.	670	680	750	840
Electrical starting system		Volt-DC	12V	12V	12 V	12V
Battery Capacity		Ah	1x65	1x65	1x65	1x65
DG set Noise level as per CPCB Norms		dBA	<75	<75	<75	<75
ENGINE SPECIFICATIONS						
Parameters	Engine Model		EA10 G1	EA10G1	EA16G1	EA16G1
	Unit					
Rated output (prime rating as per ISO 3046)	kW		7.3	7.3	11.8	11.8
	HP		10	10	16	16
No. of cylinder	Nos.		1	1	2	2
Bore x Stroke	mm		102 x 116	102 x 116	95 x 110	95 x 110
Aspiration			NA	NA	NA	NA
Governing Class			G2	G2	G2	G2
Fuel Consumption at 100% load*	ltr/hr		1.6	2.21	3	3.45
Fuel Consumption at 75% load*	ltr/hr		1.3	1.62	2.4	2.65
Lub oil Sump capacity	Ltrs		3.5	3.5	6.5	6.5
Engine coolant capacity	Ltrs		NA	NA	NA	NA
ALTERNATOR SPECIFICATIONS						
Parameters	Alternator Model		KG40 C0	KG40 C1	KG40 C2	KG40 D
	Unit					
Rating	kVA		5	7.5	10	12.5
Insulation Class			H	H	H	H
Ingress Protection			IP23	IP23	IP23	IP23
Time to built up rated voltage at rated RPM	sec		<5	<5	<5	<5
Alternator Efficiency at 100% load	%		80.5	82.5	81.3	84.9
Alternator Efficiency at 75% load	%		81.1	83.4	82.1	85.1
Voltage regulation	%		±1	±1	±1	±1
Permissible transient voltage dip at full load 0.8 pf lag	%		<20	<20	<20	<20



Global Solution Provider
WIDEST RANGE OF GENSET

15 - 62.5 kVA

PARAMETERS		UNIT	15 to 62.5 kVA					
Prime Rating at 0.8 pf		kVA	15	20	25	30	40	62.5
		kW	12	16	20	24	32	50
Voltage		V	415	415	415	415	415	415
Frequency		Hz	50	50	50	50	50	50
Overall Dimensions with canopy [^]	Length	mm	1740	2205	2500	2500	2750	2900
	Width	mm	1050	950	950	950	1050	1100
	Hight	mm	1474	1294	1294	1294	1493	1581
Dry Weight of genset with canopy [^]		kg.	810	880	1040	1040	1180	1470
Electrical starting system		Volt-DC	12V	12V	12 V	12V	12V	12V
Battery Capacity		Ah	1x88	1x88	1x88	1x88	1x100	1x100
DG set Noise level as per CPCB Norms		dBA	<75	<75	<75	<75	<75	<75
ENGINE SPECIFICATIONS								
Parameters	Engine Model	HA294 SRIII	2R1040	3R1040	3R1040	4R1040	4R1040T	
	Unit							
Rated output (prime rating as per ISO 3046)	kW	15.09	19.8	30.9	30.9	41.2	61	
	HP	20.5	27	42	42	56	83	
No. of cylinder	Nos.	2	2	3	3	4	4	
Bore x Stroke	mm	100x120	105x120	105x120	105x120	105x120	105x120	
Aspiration		NA	NA	NA	NA	NA	T	
Governing Class		G2	G2	G2	G2	G2	G2	
Fuel Consumption at 100% load*	ltr/hr	4.27	5.33	7.69	7.69	9.76	14.6	
Fuel Consumption at 75% load*	ltr/hr	3.29	4.08	5.82	5.82	7.45	11.1	
Lub oil Sump capacity	Ltrs	4.5	5.5	6	6	10	10	
Engine coolant capacity	Ltrs	NA	4	4.7	4.7	6	6	
ALTERNATOR SPECIFICATIONS								
Parameters	Alternator Model	KG40 E	KG40 H	KG42.3 B	KG28 VL4A	KG32 3S4B	KG423 K	
	Unit							
Rating	kVA	15	20	25	30	40	62.5	
Insulation Class		H	H	H	H	H	H	
Ingress Protection		IP23	IP23	IP23	IP23	IP23	IP23	
Time to built up rated voltage at rated RPM	sec.	<5	<5	<5	<5	<5	<5	
Alternator Efficiency at 100% load	%	83.5	87.1	88.8	89	89.2	91	
Alternator Efficiency at 75% load	%	84.9	88.5	89.8	90.5	90.8	91.8	
Voltage regulation	%	±1	±1	±1	±1	±1	±1	
Permissible transient voltage dip at full load 0.8 pf lag	%	<20	<20	<20	<20	<20	<20	



Global Solution Provider
WIDEST RANGE OF GENSET

82.5 - 160 kVA

PARAMETERS		UNIT	82.5 to 160 kVA			
Prime Rating at 0.8 pf		kVA	82.5	125	125 HD	160
		kW	66	100	100	128
Voltage		V	415	415	415	415
Frequency		Hz	50	50	50	50
Overall Dimensions with canopy [^]	Length	mm	3200	3200	3500	4000
	Width	mm	1100	1300	1300	1500
	Height	mm	1595	1795	1890	1915
Dry Weight of genset with canopy [^]		kg.	1710	2090	2520	2730
Electrical starting system		Volt-DC	12 V	12V	12V	12V
Battery Capacity		Ah	1x100	1 x 120	1 x 120	1x150
DG set Noise level as per CPCB Norms		dBA	<75	<75	<75	<75
ENGINE SPECIFICATIONS						
Parameters	Engine Model		4R1040TA	4K1080TA1	6R1080TA	6K1080TA
	Unit					
Rated output (prime rating as per ISO 3046)	kW		77.2	114.7	113.2	147.2
	HP		105	156	154	200
No. of cylinder	Nos.		4	4	6	6
Bore x Stroke	mm		105x120	105x125	105x125	105x125
Aspiration			TA	TA	TA	TA
Governing Class			G2	G2	G2	G2
Fuel Consumption at 100% load*	ltr/hr		18.33	26.76	27.09	34
Fuel Consumption at 75% load*	ltr/hr		13.84	20.74	21.08	25
Lub oil Sump capacity	Ltrs		10	14	14	18
Engine coolant capacity	Ltrs		6	7.5	28	10
ALTERNATOR SPECIFICATIONS						
Parameters	Alternator Model		KG44.3 B2	KG443 D	KG443 D	KG44.3 H
	Unit					
Rating	kVA		82.5	125	125	160
Insulation Class			H	H	H	H
Ingress Protection			IP23	IP23	IP23	IP23
Time to built up rated voltage at rated RPM	sec		<5	<5	<5	<5
Alternator Efficiency at 100% load	%		91.4	92.6	92.6	92.8
Alternator Efficiency at 75% load	%		92.5	93.2	93.2	93.3
Voltage regulation	%		±1	±1	±1	±1
Permissible transient voltage dip at full load 0.8 pf lag	%		<20	<20	<20	<20

* Specific gravity of diesel to be considered as 0.845 and for petrol 0.775 for LPH calculations (+5% tolerance on LPH) for well run engines only.

[^] All canopy dimensions have tolerance of ± 50 mm.

[^] Width of genset considered without base plate lifting hook.

[^] Genset weight tolerance +50 Kg.

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

• 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.

• Genset ratings are as per ISO 8528.

• For the site conditions other than standard operating conditions, consult Kirloskar Oil Engines Ltd. for available prime power.

• All genset ratings are CPCB compliant.

200 - 250 kVA

PARAMETERS		UNIT	200 to 250 kVA	
Prime Rating at 0.8 pf		kVA	200	250
		kW	160	200
Voltage		V	415	415
Frequency		Hz	50	50
Overall Dimensions with canopy [^]	Length	mm	4340	4340
	Width	mm	1740	1740
	Height	mm	1970	1975
Dry Weight of genset with canopy [^]		kg.	3900	4010
Electrical starting system		Volt-DC	24V	24V
Battery Capacity		Ah	2x150	2x150
DG set Noise level as per CPCB Norms		dBA	<75	<75
ENGINE SPECIFICATIONS				
Parameters	Engine Model		6SL1500TASR2	6SL8800TA
	Unit			
Rated output (prime rating as per ISO 3046)	kW		184	228
	HP		250	310
No. of cylinder	Nos.		6	6
Bore x Stroke	mm		118x135	118x135
Aspiration			TA	TA
Governing Class			G2	G2
Fuel Consumption at 100% load*	ltr/hr		42.3	55.12
Fuel Consumption at 75% load*	ltr/hr		31.94	42.22
Lub oil Sump capacity	Ltrs		27	27
Engine coolant capacity	Ltrs		13	13
ALTERNATOR SPECIFICATIONS				
Parameters	Alternator Model		KG38 1S4A	KG38 M4A
	Unit			
Rating	kVA		200	250
Insulation Class			H	H
Ingress Protection			IP23	IP23
Time to built up rated voltage at rated RPM	sec		<5	<5
Alternator Efficiency at 100% load	%		93.5	93.6
Alternator Efficiency at 75% load	%		93.9	93.9
Voltage regulation	%		±1	±1
Permissible transient voltage dip at full load 0.8 pf lag	%		<20	<20



Global Solution Provider
WIDEST RANGE OF GENSET

320- 625 kVA

PARAMETERS		UNIT	320 to 625 kVA					
Prime Rating at 0.8 pf		kVA	320	380	400	500	600	625
		kW	256	304	320	400	480	500
Voltage		V	415	415	415	415	415	415
Frequency		Hz	50	50	50	50	50	50
Overall Dimensions with canopy [^]	Length	mm	5700	5700	5700	6200	6660	6660
	Width	mm	2000	2000	2000	2000	2000	2000
	Hight	mm	2555	2555	2555	2555	2705	2705
Dry Weight of genset with canopy [^]		kg.	5200	6000	6000	6655	7500	7500
Electrical starting system		Volt-DC	24V	24V	24V	24V	24V	24V
Battery Capacity		Ah	2x180	2x180	2x180	2x180	2x180	2x180
DG set Noise level as per CPCB Norms		dBA	< 75	< 75	< 75	< 75	< 75	< 75

ENGINE SPECIFICATIONS

Parameters	Engine Model	DV8 SR1	DV8 SR2	DV8	DV10	DV12	DV12 SR1
	Unit						
Rated output (prime rating as per ISO 3046)	kW	294	346	360	448	532	552
	HP	400	470	490	608	723	750
No. of cylinder	Nos.	8	8	8	10	12	12
Bore x Stroke	mm	130 x 150	130 x 150	130 x 150	130 x 150	130 x 150	130 x 150
Aspiration		TA	TA	TA	TA	TA	TA
Governing Class		G2	G2	G2	G2	G2	G2
Fuel Consumption at 100% load*	ltr/hr	69.59	79.54	82.92	102.89	122.35	126.92
Fuel Consumption at 75% load*	ltr/hr	52.90	60.49	62.63	77.17	92.41	95.86
Lub oil Sump capacity	Ltrs	44	44	44	50	53	53
Engine coolant capacity	Ltrs	29	29	29	6	44	44

ALTERNATOR SPECIFICATIONS

Parameters	Alternator Model	KG38 2.5L4A	KG47.2 VS2	KG47.2 VS3	KG47.2 M7	KG47 E1	KG47 E1
	Unit						
Rating	kVA	320	380	400	500	600	625
Insulation Class		H	H	H	H	H	H
Ingress Protection		IP23	IP23	IP23	IP23	IP23	IP23
Time to built up rated voltage at rated RPM	sec	<5	<5	<5	<5	<5	<5
Alternator Efficiency at 100% load	%	93.8	94.1	94.1	94.8	95.5	95.5
Alternator Efficiency at 75% load	%	94.3	94.4	94.7	95.3	95.8	96
Voltage regulation	%	±0.5	±0.5	±0.5	±0.5	±0.5	±0.5
Permissible transient voltage dip at full load 0.8 pf lag	%	<20	<20	<20	<20	<20	<20



Global Solution Provider
WIDEST RANGE OF GENSET

750 - 1010 kVA

PARAMETERS		UNIT	750 to 1010 kVA	
Prime Rating at 0.8 pf		kVA	750	1010
		kW	600	808
Voltage		V	415	415
Frequency		Hz	50	50
Overall Dimensions with canopy [^]	Length	mm	6800	7800
	Width	mm	2300	2300
	Hight	mm	2713	2713
Dry Weight of genset with canopy [^]		kg.	8300	13200
Electrical starting system		Volt-DC	24V	24V
Battery Capacity		Ah	2x180	4x180
DG set Noise level as per CPCB Norms		dBA	< 75	< 75
ENGINE SPECIFICATIONS				
Parameters	Engine Model		DV12ETA	DV16ETA
	Unit			
Rated output (prime rating as per ISO 3046)	kW		663	889
	HP		901	1210
No. of cylinder	Nos.		12	16
Bore x Stroke	mm		130 × 150	130 × 150
Aspiration			TA	TA
Governing Class			G2	G2
Fuel Consumption at 100% load*	ltr/hr		154	199
Fuel Consumption at 75% load*	ltr/hr		126.4	155
Lub oil Sump capacity	Ltrs		81	150
Engine coolant capacity	Ltrs		175	180
ALTERNATOR SPECIFICATIONS				
Parameters	Alternator Model		KG49.1 M75	KG49.1 L11
	Unit			
Rating	kVA		750	1010
Insulation Class			H	H
Ingress Protection			IP23	IP23
Time to built up rated voltage at rated RPM	sec		<5	<5
Alternator Efficiency at 100% load	%		94.6	95.1
Alternator Efficiency at 75% load	%		94.9	95.4
Voltage regulation	%		±0.5	±0.5
Permissible transient voltage dip at full load 0.8 pf lag	%		<20	<20

* Specific gravity of diesel to be considered as 0.845 and for petrol 0.775 for LPH calculations (+5% tolerance on LPH) for well run engines only.

[^] All canopy dimensions have tolerance of ± 50 mm.

[^] Width of genset considered without base plate lifting hook.

[^] Genset weight tolerance +50 Kg.

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

• 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.

• Genset ratings are as per ISO 8528.

• For the site conditions other than standard operating conditions, consult Kirloskar Oil Engines Ltd. for available prime power.

• All genset ratings are CPCB compliant.

Thoughtful Design. Unmatched Features. Immense Benefits.

Kirloskar generating sets have been designed giving highest consideration to end users, offering unmatched features and immense benefits to them. From easy installation and increased reliability to faster service, lower maintenance costs and increased uptimes. Kirloskar generating sets offer distinct advantages which set new standards in engineering.

That's Kirloskar Generating Sets for You!



Unmatched Features



Extended service intervals



Easy installation



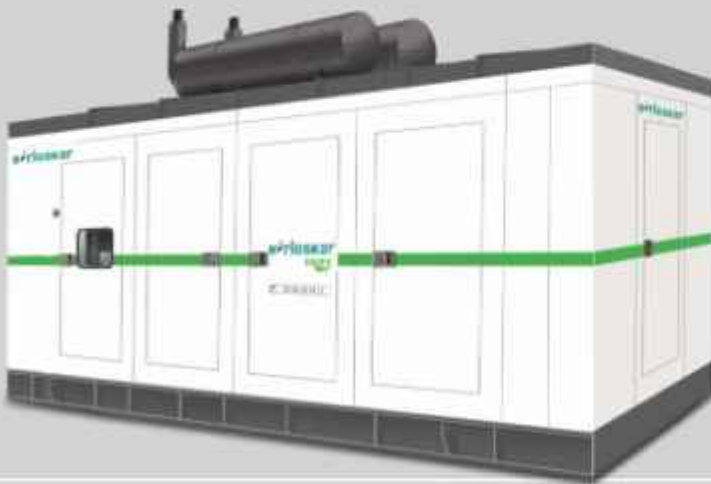
Low fuel consumption



Low maintenance cost



IOT enabled genset



Global Solution Provider
WIDEST RANGE OF GENSET



Prime rating and Stand-by rating¹

'Prime power' is designed for Unlimited hours, as compared to 'Emergency stand-by power' designed for 200 hours in a year. Prime rated Gensets also permit 10% temporary overloading. Users need to carefully select the Genset rating to meet their requirement. Kirloskar offers Prime power as a standard offer. Contact Kirloskar for stand-by ratings.



Best-in-class Fuel Efficiency

Kirloskar Green Gensets offer a unique combination of latest CPCB norm compliance and enhanced fuel efficiency. Across the range, Kirloskar Green Gensets offer substantial savings in fuel cost.

O2E Series (Optimal Operating Efficiency):

Genset ratings are selected based on the present load and future expansion. Fuel efficiency of most Gensets is optimized at the full rating of the Genset.

In practice, Gensets rarely get loaded to full capacity. Power demand variations across day & night, weekdays & weekends, summer & winter lead to an average 50-70% loading on the Gensets.

Considering this practical situation, Kirloskar has extended fuel efficiency optimization from 100%, right up to 50% of rated load.

Combination of best-in-class efficiency & O2E provides a double advantage.



Engine capacity does matter²

Engine capacity (cc) plays a vital role in Genset performance. Higher engine capacity leads to a robust and stable Genset performance.

Higher engine capacity also enables the Genset to respond quickly & positively to sudden load additions.



State of the art Genset Controller

Kirloskar Green Genset put the command in your hands. Micro-processor based Genset controllers display a host of genset parameters and put all controls at your fingertips.

Monitoring Features: Phase Voltage, Phase Current, kVA, kW, kWh, kVAR, Power Factor, Lube Oil Pressure, Engine Temp, RPM, Run Hours, Battery condition etc.

Diagnostic Features: Battery Charging failure, Over speed and Under speed, Over Current, Over voltage and Under Voltage, Over kilo Watt, Phase Seq., Phase missing, Earth Fault Trip.

Low lube oil Pressure, High Engine Temperature, Low and High battery voltage, Low Fuel Level, Over Crank protection, Genset Test Facility, Mains Frequency.

Optional Features: Modbus Communication, Synchronization, canopy Temperature



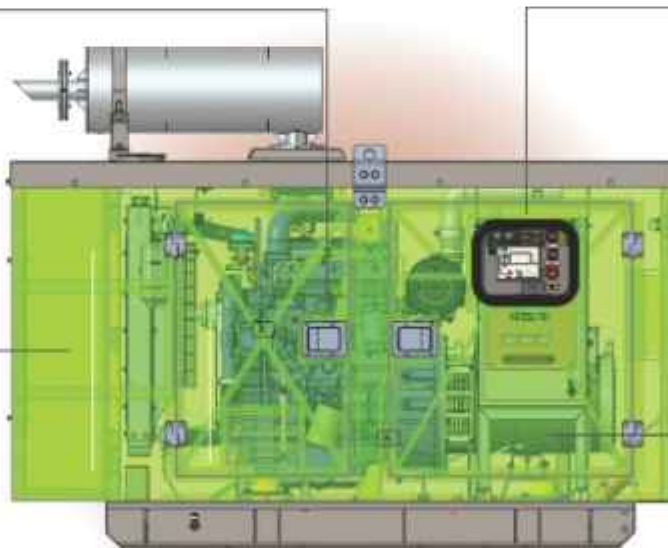
Genset Controller

Engine

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

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



Controller

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

Alternator

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

Kirloskar Green Generating Set Specifications Control System Features and Safeties

Controller Module	DSE4522 A2	DSE7320MKII
kVA	15 - 160 kVA	200 - 1010 kVA
On display screen		
Generating set Volts, Amps, Hz	✓	✓
Generating set kW, kVA, kVAR	✓	✓
Generating set per phase PF	✓	✓
Generating set kWhr meter	✓	✓
Earth current (A)	No	✓
Grid (Mains) Voltage (L-L)	✓	✓
Battery Voltage (V)	✓	✓
Engine start attempts	No	✓
Engine Temperature (°C)	✓	✓
Engine speed (RPM)	✓	✓
Engine Run Hours (Hours & Min.)	✓	✓
Lube oil Pressure (kPa, PSI, bar)	✓	✓
Diesel fuel level (%)	✓	✓
Communication ports		
RS485	No	✓
RS232	No	✓

✓ - Available No - Not available ---- - Not applicable WR -Warning SD- Shutdown Ind - Indication DI - Digital Input

Controller Module	DSE4522 A2				DSE7320MKII			
	WR	SD	Ind	DI	WR	SD	Ind	DI
Protections								
Low oil pressure	No	✓	✓	----	✓	✓	✓	----
High coolant temperature	✓	✓	✓	----	✓	✓	✓	----
Low fuel level	✓	✓	✓	----	✓	No	✓	----
Low coolant level	No	✓	✓	----	No	✓	✓	----
Under / over speed	✓	✓	✓	----	✓	✓	✓	----
Low / high battery voltage	✓	No	✓	----	✓	No	✓	----
Low charge alternator	✓	No	✓	----	✓	No	✓	----
Emergency stop	No	✓	✓	----	No	✓	✓	----
Fail to start/ stop warning	✓	No	✓	----	✓	No	✓	----
Auto remote start/stop DI	----	----	----	✓	----	----	----	✓
Under / over voltage	✓	✓	✓	----	✓	✓	✓	----
Under / over frequency	✓	✓	✓	----	✓	✓	✓	----
Over kW / Overcurrent	No	✓	✓	----	No	✓	✓	----
Low load	No	No	No	----	✓	✓	✓	----
Incorrect phase sequence	No	No	No	No	No	✓	✓	----
Reverse power	No	No	No	No	No	✓	✓	----
Short circuit	No	No	No	No	No	✓	✓	----
Earth fault	No	No	No	No	No	✓	✓	----

✓ - Available No - Not available ---- - Not applicable WR -Warning SD- Shutdown Ind - Indication DI - Digital Input

Customize Your Power Needs - Optional Accessories

Generating set

- External bulk fuel tank of 1000L, 5000L, 10000L, 15000L
- Fuel transfer pump
- Fuel priming manual pump

Engine

- Cold start kit
- Battery isolator switch
- 1000hrs service interval kit for select ratings

Alternator

- Alternator space heater
- RTD, BTD (for select ratings)
- Droop current transformer (for select ratings)

Controls

- Static battery charger 12V 5A / 24V 10A
- AMF / ATS panel
- Synchronization panel for higher kVA solutions

Why Kirloskar?

Rich Heritage of
over a century
of engineering excellence

Designing and manufacturing diesel engines
since 1946

Annual sales of nearly
200,000 engines

Global presence covering more than
50+ countries

State-of-the-art
R&D and manufacturing facilities

Reliable engines
for every need!



KIRLOSKAR OIL ENGINES LIMITED

Kathmandu Business Park
1st Floor, Block C, Plot 6 & 17, Teku
Kathmandu, Nepal
Tel: +977-9811992763
Email : koel.helpdesknepal@kirloskar.com
Website : www.koel.co.in

KIRLOSKAR DMCC

JBC - 5, Cluster W, Jumeirah Lake
Towers, P.O. Box 37745 Dubai U.A.E
Tel: +971 4 443 8591
Fax : +971 4 441 4532
Email : enquiry@kirloskarib.com
Email : enquiry@kirloskar.ae
Website : www.kirloskarib.com

KIRLOSKAR TRADING SA (PTY) LTD.

Unit B1, The Stables Business Park,
Cnr of Third Avenue & Second Road,
Limbro Park, Modderfontein,
Johannesburg.
Tel : +27 11 553 6900 / 6903
Email : prem.shankar@kirloskar.com

KIRLOSKAR KENYA LTD.

P.O Box 60061, Off Dunga Road,
Nairobi, Kenya,
Tel : +254 20 653 6632
Fax : +254 20 653 3390
Email : raj.patil@kirloskar.com

**KIRLOSKAR AMERICAS
CORPORATION**

33300 Egypt Lane, Suite C300
Mangolia, TX 77354
Tel : +1 346 248 5777
Cell Ph : +1 832 675 1595
Fax: +1 830 423 8060
Email : info@koelamerica.com



KIRLOSKAR OIL ENGINES LIMITED

A Kirloskar Group Company

Regd. Office : 13, Laxmanrao Kirloskar Road, Khadki,
Pune, Maharashtra 411 003 INDIA
Tel: +91(20) 2581 0341 Fax: +91(20) 2581 3208, 2581 0209
Helpline: +91 8806 33 44 33
Email: koel.helpdesk@kirloskar.com Website: www.koel.co.in

- Technical details mentioned above may vary as per site condition / situation. As continuous improvements are contemplated the description and illustrations are not binding.
- This catalogue 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.
- Mark 'Kirloskar' used in any form as prefix or suffix is owned by Kirloskar Proprietary Limited and Kirloskar Oil Engines Limited is permitted user.