5-12.5 kVA

Introducing the popular **"EA" series** engine in new Slim Power Design

- Robust & Reliable Air Cooled Engine
- Lowest Running Cost
- Compact Footprint

SLIM POWER DESIGN

KOEL CHHOTA CHILLI BY KIRLOSKAR

5-12.5 kVA

SPECIFICATIONS						
Prime Rating at rated rpm (as per ISO8528)		**kVA**	5	7.5	10	12.5
		kW	4	6	8	10
Genset Model			**KG1-5AS3**	**KG1-7.5AS4**	**KG1-10AS5**	**KG1-12.5AS2**
Frequency		Hz	50			
Power factor		lagging	0.8			
Voltage		V	230 (1Ø) & 415 (3Ø)			
Governing class (As per ISO 8528 Part-V)			G2			
Noise level		dBA	<75			
Fuel Consumption*	At 100 % Load	Ltrs/Hr	1.6	2.2	3.0	3.5
	At 75 % Load		1.3	1.6	2.4	2.7
	At 50 % Load		1.0	1.2	1.8	1.9
Fuel tank capacity		Ltrs	50	50	50	50
Weight of genset with canopy (approx..)^	Dry	Kg	670	680	750	840
	Wet	Kg	720	730	800	890
Overall dimensions of genset ^	Length	mm	1310	1310	1760	1760
	Width	mm	810	810	820	820
	Height	mm	1400	1400	1330	1330
Electrical Battery starting voltage		Volts-DC	12	12	12	12
ENGINE						
Engine Model			**EA10 G1**	**EA10 G1**	**EA16 G1**	**EA16 G1**
Rated output (Prime Continuous rating as per ISO 8528-1)		kW	7.3	7.3	11.8	11.8
		HP	10	10	16	16
Cooling System			Air	Air	Air	Air
No. of cylinder		Number	1	1	2	2
Cubic capacity		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 hrs	500 hrs	500 hrs	500 hrs
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			
Alternator Efficiency (at 100% load) 0.8 pf**		%	78.0	82.7	86.0	80.3
Max Voltage Dip at Full Load 0.8 pf Lag		sec	≤ 20 %			
Max Time to build up rated voltage at Rated RPM			< 5 sec provided engine reach the rated speed			

For intermediate ratings, kindly contact nearest KOEL office

Notes

*With 0.845 Specific Gravity of diesel (5 % Tolerance)

^ Tolerances Apply

** Efficiency of Alternator as per standards IS 4722 and IEC 34-1 For Site Conditions

Canopy
- Ease of Access and Serviceability
- Aesthetically designed, weather and sound resistant enclosure
- Insulation conforms to UL94-HF1 class for flammability

Controller
- Microprocessor based
- Graphical LCD display
- Best in class monitoring and diagnostic Capability
- Integrable with AMF

Engine
- Low emission, high efficiency engines
- Compact, Robust and Rugged Design
- 500 hours lube-oil change period

Alternator
- Best In Class Efficiency
- Special Windings to Reduce Harmonics
- Vacuum Pressure Impregnation and epoxy gel coating on the winding

SLIM POWER DESIGN

LOW RUNNING COSTS

COMPACT DESIGN

GENSET CONTROL YOUR FINGERTIPS

PEACE-OF-MIND OWNERSHIP

7-DAYS ASSURED DELIVERY

Low Running Costs

KOEL Chhota Chilli Gensets offer a unique combination of CPCB emission norms and enhanced fuel efficiency. With deployment of O2E technology, KCC Gensets extended the fuel efficiency optimization right from 100% load to 50% load. O2E technology ensures that your power demand variations across day and night, weekdays and weekends, summer and winter is taken care of. KOEL Chhota Chilli Gensets offer lower fuel consumption providing substantial savings in fuel cost across the range over entire product life.

Control at Your fingertips

KOEL Chhota Chilli Gensets put the command in your hands through microprocessor powered Genset controllers. These feature packed controllers offer best-in- class monitoring and diagnostic facilities. In-built AMF capability ensures automatic power transfer from grid to Genset and vice versa. You can even connect the Genset with your desktop through RS485 port.

Benefit of Compact footprint

KOEL Chhota Chilli Gensets are specially designed to fit in the smallest footprint area. With optimised fitment of components KCC Gensets take less space and provides you ample opportunity to expand. The KCC Genset fits in any of your application whether it is bungalows or petrol pumps; restaurants or Offices and hotels or clinics. With reduction in length or width (max of 1.6 ft), KCC genset becomes ideal for use in real estate, ATMs, offices etc. saving huge rental costs.

Peace-of-mind Ownership

KOEL Chhota Gensets have always been preferred for their robust design & reliability over long usage life.

KCC range carries the confidence of well-established and proven engine platforms. For compliance to revised emission norms, KOEL has carefully selected those technologies which not only retain, but enhance Gensets durability and on-site serviceability. Thus, KOEL Gensets offer you many years of trouble-free performance; backed by the assurance of prompt support.

Peace-of-mind driven by product reliability and low cost of ownership.

7-Days assured Delivery

KOEL Chhota Chilli Gensets comes with a promise of assured delivery within 7 days of confirm order placement. Genset being a high value capital purchase may lead to needless block of capital and hence need not be purchased in advance. It is prudent to order the genset at the right time and plan the deliveries in line with your readiness to use. This will also avoid damages to genset due to lying unattended at site and engine re-validation cost.

AMFi

Complete Solution with AMFi Panels

KOEL AMFi panels automatically switch on your genset when the mains supply fails and switch off the genset when the mains supply restores giving you un-matched convenience.

The Promise Behind The Product

Enriching Lives

KOEL Chhota Chilli Brand

KOEL Chhota Chilli is the Genset brand of Kirloskar Oil Engines Ltd (KOEL), the flagship company of the century-old Kirloskar Group. KOEL also manufactures KOEL Green which is India's largest selling and most trusted Genset brand for over a decade. Providing back-up power solutions from 5 to 5200 kVA for diverse market sectors, KOEL Green and KOEL Chhota Chilli have over 1 million Gensets in service across the globe.

Research and Engineering

KOEL Chhota Chilli Gensets are designed and developed indigenously, using modern design & simulation technologies. KOEL's R&D team combines decades of application knowledge, global technology trends and emerging user expectations to develop best-in-class products for the target markets. The products are launched after extensive validation in world-class facilities.

State-of-the-art Manufacturing

KOEL Chhota Chilli Gensets are manufactured at the state-of-the-art manufacturing facilities of KOEL and authorized GOEMs across India. Common design, modern infrastructure, trained manpower, stringent process controls and standardized material quality ensure that every KCC Genset complies with the standards and meets KOEL's stringent quality norms.

Sales Network

A well-trained network of authorized KOEL Chhota Chilli Dealers and GOEM Sales teams is spread across India to serve your requirements. KOEL offices at key locations provide further techno-commercial back-up. KCC Sales teams are equipped to carry-out load study, Genset sizing and techno-commercial support. Installation and commissioning activities are also undertaken in line with KOEL's stringent guidelines.

Service Network

As Gensets cannot be driven to a Service Station, service has to come to your door-step. KOEL Chhota Chilli Gensets are supported by over 5000 trained engineers and over 450 well-equipped service outlets throughout India. Standard and custom-made maintenance packages offer a total –peace-of- mind ownership experience. Service response time and quality is centrally monitored for cross-industry bench marking and continual improvement. Customers just need to dial our toll free number and service will be available at the door step.

7 Easy steps for a happy Genset Ownership

- Insist on a load-study
- Select the Genset rating as per the load-study and with sufficient margin for future load expansion
- Apply site-selection guidelines carefully
- Insist on installation in line with KOEL Chhota Chilli guidelines
- Ensure adequate size and proper connection of cables
- Understand the Genset operation & maintenance procedures during commissioning
- Follow routine maintenance protocols through authorized KOEL Chhota Chilli service dealers

Product improvement is a continuous process. Kindly contact KOEL for latest information

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