

15-20 kVA



KCC RANGE 2.1 to 20 kVA

**KOEL**  
**CHHOTA CHILLI**  
BY  
KIRLOSKAR





### Dependable, Reliable & Robust

KOEL Chotta Chilli Gensets are powered by high-efficiency diesel engines, which deliver dependable power for any of your requirements. The wide spectrum

of applications range from standalone residential buildings to retail outlets; petrol pumps to small offices; hotels to clinics. You name it and KOEL Chhota Chilli has a reliable power solution.

### Best in Class Fuel Efficiency

KOEL Chotta Chilli Gensets offer you a unique combination of pollution norm compliance and enhanced fuel efficiency by deploying O2E technology.

Inspite of load variations (day & night; weekdays & weekends; summer & winter), you are assured of unmatched fuel economy and lower operating costs.



### Genset Controls at your fingertips

KOEL Chotta Chilli Gensets put the command in your hands through micro-processor 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.

### Peace-of-mind Ownership

KOEL Chotta Chilli Gensets reach you through a well-trained network of authorized dealers and are supported by over 5000 skilled engineers across India. Quality of service and response time is centrally monitored by KOEL. Just dial the toll free number and have peace of mind with authorized representatives promptly available at your doorsteps.



### Prime rating and Stand-by rating <sup>1</sup>



'Prime power' is designed for Unlimited hours, as compared to 'Emergency stand-by' 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. KOEL offers Prime power as a standard offer. Contact KOEL

for stand-by ratings.

Prime Rating at rated rpm (as per ISO8528) <sup>1</sup>	kVA	15	20	
	kW	12	16	
Genset Model		KG1-15AS	KG1-20WS	
Frequency	Hz	50	50	
Power Factor	lagging	0.8	0.8	
Voltage	V	230 (1Ø) & 415 (3Ø)		
Governing Class (As per ISO 8528 Part-V)		G2	G2	
Noise level	dB(A)	< 75	< 75	
Fuel Consumption*	At 100 % Load	Ltrs/Hr	4	5.1
	At 75 % Load		3	3.8
	At 50 % Load		2.2	2.7
Fuel Tank Capacity	Ltrs	65	65	
Weight of Genset with Canopy (approx.) <sup>^</sup>	Dry	Kg	900	920
	Wet	Kg	950	970
Overall Dimensions of Genset	Length	mm	1740	2055
	Width	mm	1050	950
	Height	mm	1410	1220
Electrical Battery Starting Voltage	Volts-DC	12	12	

### ENGINE

Engine Model		HA294 G1	2R1040 G1
Rated Output (Prime Continuous Rating as per ISO 8528-1)	kW	15.1	18.8
	HP	20.5	25.5
No. of Cylinder	Number	2	2
Cubic Capacity <sup>2</sup>	Ltrs	1.88	2.08
Bore x Stroke	mm	100 x 120	105 x 120
Rated Speed	RPM	1500	1500
Aspiration	NA/TC/TA	NA	NA
Lube Oil Change Period	hrs.	500	500
Lube Oil Sump Capacity	Ltrs	5	5.5
Coolant Capacity	Ltrs	NA	9

### ALTERNATOR

Insulation Class		Class H	
Alternator Efficiency (at 100% load) 0.8 pf**	%	86	88.9
Max Voltage Dip at Full Load 0.8 pf Lag	sec	≤ 20 %	≤ 16 %
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

<sup>^</sup> Tolerances Apply

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

\*\* Efficiency of Alternator as per standards IS 4722 and IEC 34-1 For Site Conditions other than standard operating conditions consult KOEL for available prime power.

### Engine capacity does matter <sup>2</sup>



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.

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

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Stamp of  
Authorised  
Representative