

Oil Engines

TO THOSE WHO
POWER LIFE, WE SAY

MAY THE

POWER

ALWAYS BE
WITH YOU



**CPCB IV+
COMPLIANT**

INDIA'S LARGEST
FLEET OF GENSETS

7.5-20 kVA

BETTER POWER FOR A *limitless* TOMORROW

7.5-20 kVA

Prime Rating at rated rpm (as per ISO8528)		kVA	7.5	7.5	10	15	20
		kW	6	6	8	12	16
Genset Model			KG4-7.5SAS1	KG4-7.5WS1	KG4-10WS1	KG4-15WS1	KG4-20WS1
Frequency		Hz	50				
Power Factor		lagging	0.8				
Voltage		V	230 (1Ø) & 415 (3Ø)				
Governing class (As per ISO 8528 Part-V)			G2				
DG set Noise level at 1 meter		dBA	<75 (Genset with canopy)				
Fuel tank capacity (Standard DG set)		Ltrs	50	28	32	32	40
⚙️Weight of genset with canopy (approx..)^	Dry	Kg	620	545	585	605	680
	Wet (w/o fuel)	Kg	670	550	590	610	690
Overall dimensions of genset ^	Length	mm	1310	1600	1800	1850	2180
	Width	mm	810	760	760	760	905
	Height	mm	1600	1050	1050	1050	1150
Electrical Battery Starting Voltage		Volts-DC	12				
ENGINE							
Engine Model			EA10NA 4G1	2R550NA 4G1	3R550NA 4G1	3R550TC 4G1	3R550TA 4G1
Rated output (Prime Continuous rating as per ISO 8528-1)		kW	7.3	7.9	11	15.4	18.8
		HP	10	10.74	15	20.9	25.5
Cooling system			Air	Liquid			
No. of cylinder		Number	1	2	3	3	3
Cubic capacity²		Ltrs	0.95	1.09	1.65	1.65	1.65
Bore x Stroke		mm	102 x 116	86 x 94	86 x 94	86 x 94	86 x 94
Rated Speed		RPM	1500				
Aspiration		NA/TC/TA	NA	NA	NA	TC	TA
Lube Oil change period		hrs.	500				
Lube oil Sump Capacity (max)		Ltrs	5	3.8	5.95	5.95	5.95
Coolant Capacity (Engine + radiator)		Ltrs	NA	3.4	3.78	4.2	5
ALTERNATOR							
Insulation Class			Class H				
Alternator Efficiency (at 100% load) 0.8 pf**		%	78.1	82.5	82.6	85.2	88.6
Max Voltage Dip at Full Load 0.8 pf lag		sec	< 20%				
Max Time to build up rated voltage at Rated RPM			< 2 sec, provided engine reach the rated speed				

^ Tolerances Apply
 ✚ These Weight are for handling & transportation only
 ** Efficiency of Alternator as per standards IEC60034-1

Notes
 Above specifications are subject to change without prior notice due to continuous technical development
 For intermediate ratings, kindly contact nearest Kirloskar office
 For Site Conditions other than standard operating conditions consult Kirloskar Oil Engines for available prime power.

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 Kirloskar Green guidelines
- Ensure adequate size and proper connection of cables
- Understand the Genset operation & maintenance procedures during commissioning
- Follow routine maintenance protocols through authorized Kirloskar Green service dealers

