

kirloskar
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

BETTER POWER FOR A *limitless* TOMORROW

7.5 & 10kVA

Prime Rating at rated rpm (as per ISO8528)		kVA	7.5	10
		kW	6	8
Genset Model			KG4-7.5SAS1	KG4-10WS1
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	32
⊕Weight of genset with canopy (approx.)^	Dry	Kg	620	585
	Wet (w/o fuel)	Kg	670	590
Overall dimensions of genset ^	Length	mm	1310	1800
	Width	mm	810	760
	Height	mm	1600	1050
Electrical Battery Starting Voltage		Volts-DC	12	
ENGINE				
Engine Model			EA10NA 4G1	3R550NA 4G1
Rated output (Prime Continuous rating as per ISO 8528-1)		kW	7.3	11
		HP	10	15
Cooling system			Air	Liquid
No. of cylinder		Number	1	3
Cubic capacity²		Ltrs	0.95	1.65
Bore x Stroke		mm	102 x 116	86 x 94
Rated Speed		RPM	1500	
Aspiration		NA/TC/TA	NA	NA
Lube Oil change period		hrs.	500	
Lube oil Sump Capacity (max)		Ltrs	5	5.95
Coolant Capacity (Engine + radiator)		Ltrs	NA	3.78
ALTERNATOR				
Insulation Class		Class H		
Alternator Efficiency (at 100% load) 0.8 pf**		%	78.1	82.6
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