

INDIA'S #1 GENSET BRAND

15 - 30 kVA



The Complete Power Back-up Solution

EFFICIENCY HAS A NEW NAME

15 - 30 kVA

Prime Rating at rated rpm (as per ISO 8528) ¹		kVA	15	20	25	30
		kW	12	16	20	24
Genset Model			KG1-15ASE1	KG1-20WSE1	KG1-25WSE	KG1-30WSE
Frequency		Hz	50	50	50	50
Power factor		lagging	0.8	0.8	0.8	0.8
Voltage		V	230 (1Ø) & 415 (3Ø)			
Governing class (As per ISO 8528 Part-V)			G2	G2	G2	G2
Noise level		dBA	<75	<75	<75	<75
Fuel Consumption #	At 100% Load	Ltrs/Hr	4	5.1	5.8	7.6
	At 75% Load		3	3.8	4.4	5.8
	At 50% Load		2.2	2.7	2.9	4.4
Fuel tank capacity		Ltrs	45	65	65	65
Weight of genset with canopy (approx.) [§]	Dry	Kg	810	880	1040	1040
	Wet	Kg	860	930	1090	1090
	Length	mm	1740	2205	2500	2500
	Width	mm	1050	950	950	950
	Height	mm	1474	1294	1294	1294
Electrical Battery starting voltage		Volts-DC	12	12	12	12
ENGINE						
Engine Model			HA294 G1	2R1040 G1	3R1040T G1	3R1040T G1
		kW	15.1	18.8	24	30.9
		HP	20.5	25.5	42	42
No. of cylinder		Number	2	2	3	3
Cubic capacity ²		Ltrs	1.88	2.08	3.12	3.12
Bore x Stroke		mm	100 x 120	105 x 120	105 x 120	105 x 120
Rated Speed		RPM	1500	1500	1500	1500
Aspiration		NA/TC/TA	NA	NA	TC	TC
Lube Oil change period		hrs.	500	500	500	500
Lube oil Sump Capacity		Ltrs	5	5.5	8	8
Coolant Capacity		Ltrs	NA	9	14.5	14.5
ALTERNATOR						
Insulation Class			Class H	Class H	Class H	Class H
Alternator Efficiency (at 100% load) 0.8 pf *		%	85.2	88.6	89	87.9
Max Voltage Dip at Full Load 0.8 pf Lag		sec	≤ 20 %	≤ 16 %	≤ 16 %	≤ 16 %
Max Time to build up rated voltage at Rated RPM			< 5 sec provided engine reach the rated speed			

Notes

^ Tolerances Apply

With 0.845 Specific Gravity of diesel (5% Tolerance)

§ These Weight are for handling & transportation only, ±5 % tolerance apply

* Efficiency of Alternator as per standards IEC60034-1

For Site Conditions other than standard operating conditions consult Kirtoskar Oil Engines for available prime power.

+ Silencer inside canopy and bolt-less canopy is available only up-to 62.5kVA