

Prime Rating at rated rpm (as per ISO8528) ¹		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	1.60	2.21	3.00	3.45
	At 75% Load		1.30	1.62	2.40	2.65
	At 50% Load		1.0	1.21	1.80	1.94
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	1330	1330	1330	1330

Electrical Battery starting voltage	Volts-DC	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			
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			
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**	%	78.1	82.5	82.6	84.9
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			