

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

25-58.5 kVA

BETTER POWER FOR A *limitless* TOMORROW

25-58.5 kVA

Prime Rating at rated rpm (as per 150&528)		kVA	25	30	40	58.5
		kW	20	24	32	46.8
Genset Model			KG4-25WS1	KG4-30WS1	KG4-40WS1	KG4-58.5WS
Frequency		Hz	50			
Power Factor		lagging	0.8			
Voltage		V	230 (1Ø) & 415 (3Ø)		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	72	100	165
Weight of genset with canopy (approx.) [^]	Dry	Kg	770	1025	1165	1460
	Wet	Kg	780	1040	1180	1485
Overall dimensions of genset [^]	Length	mm	2330	2500	2750	2900
	Width	mm	950	950	1050	1100
	Height	mm	1260	1385	1495	1580
Electrical Battery Start in R Voltage		Volts-DC	12			
ENGINE						
Engine Model			3R550ETA 4G1	3R1190ENA 4G1	3R1190ETA 4G1	4R810ETA 4G1
Rated output (Prime Continuous rating as per ISO8528-1)	kW		26.5	31	41.1	54.4
	HP		36	42	56	74
No. of cylinder		Number	3	3	3	4
Cubic capacity ²		Ltrs	1.65	3.57	3.57	3.24
Bore x Stroke		mm	86 x 94	110 x 125	110 x 125	96 x 112
Rated Speed		RPM	1500	1500	1500	1500
Aspiration		NA/TC/TA	TA	NA	TA	TA
Lube Oil change period		hrs.	500			
Lube oil Sump Capacity		Ltrs	5.95	7	7	10
Coolant Capacity		Ltrs	5	10	8.3	12.70
ALTERNATOR						
Insulation Class			H			
Alternator Efficiency (at 100¼ load) 0.8 pf**		%	88.9	88.4	87.9	90.8
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

