200-625HD kVA TECHNICAL SPECIFICATIONS

Prime Rating at rated rpm (as per ISO8528)	kVA	200 HD	320 HD	500 HD	625 HD
	kW	160	256	400	500
Genset Model		KG4-200WS1	KG4-320WS (HD)	KG4-500WS (HD)	KG4-625WS11 (HD)
Frequency	Hz	50			
Power Factor	lagging	0.8			
Voltage	V	415 (3Ø)			
Governing class (As per ISO 8528 Part-V)		G3			
Noise level	dBA	<75 (Genset with canopy)			
Fuel tank capacity (Standard DG set)	Ltrs	460	850	990	990
✪ Weight of genset with canopy (approx..)^	Dry	Kg	3850	6169	8080	8660
	Wet (w/o fuel)	Kg	3960	6345	8300	9000
Overall dimensions of genset ^	Length	mm	4550	5100	6500	6800
	Width	mm	1700	2125	2125	2300
	Height	mm	2005	2610	2710	2715
Electrical Battery Starting Voltage	Volts-DC	24			

ENGINE

Engine Model		6SL90ETA 4G1	DV8ETA 4G1	DV10ETA 4G1	DV12ETA 4G1
Rated output (Prime Continuous rating as per ISO 8528-1)	kW	183.8	294.2	447.2	561.1
	HP	250	400	608	763
No. of cylinder	Number	6	8	10	12
Cubic capacity^2	Ltrs	8.86	15.92	19.9	23.88
Bore x Stroke	mm	118 x 135	130 x 150	130 x 150	130 x 150
Rated Speed	RPM	1500			
Aspiration	NA/TC/TA	TA			
Lube Oil change period	hrs.	500			
Lube oil Sump Capacity (max)	Ltrs	27	40	50	73
Coolant Capacity (Engine + Radiator)	Ltrs	35.8	55	81.7	173.9
Adblue / EF capacity	Ltrs	45	45 x 2		

ALTERNATOR

Insulation Class		Class H			
Alternator Efficiency (at 100% load) 0.8 pf**	%	92.8	94.3	94.6	95.7
Max Voltage Dip at Full Load 0.8 pf Lag		< 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
AdBlue used should follow ISO 22241.
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 carfully
- Insist on installation in line with Kirloskar guidelines
- Ensure adeqate size and proper connection of cables
- Understand the Genset operation & maintenance procedures during commissioning
- Follow routine maintenance protocols through authorised Kirloskar service dealers