



Model	KDE23SS3
Rated frequency (HZ)	50 60
Main power (KVA)	18.75 22.5
Standby power (KVA)	20.6 25
Rated voltage (V)	400/230 416/240
Rated current (A)	29.3 32.6
Rated speed (r/min)	1500 1800
Manufacturer	KIPOR
Model	KFS23
Pole No.	4
Excitation mode	Brushless self-excitation and constant voltage (AVR)
Power factor (COSΦ)	0.8(lag)
Insulation grade	H
Manufacturer	KIPOR
Engine model	KD488AG
Engine type	Four-cylinder, in-lined, four-stroke, direct injection, water cooled
BoreXstroke (mm)	88X90
Displacement (L)	2.19



Compression ratio	17.6:1
Rated power (kW)	18.8 22.5
Cooling water capacity Engine (L)	2.29
Radiator water tank (L)	3.7
Lubricating system	Pressure splashed
Lube oil brand	SAE10W-30,15W-40(above CD grade)
Lube oil capacity (L)	6.9
Starting system	12V Electric starter
Starting motor capacity (V-kW)	12V 1.4kW
Charging generator capacity (V-A)	14V 20A
Battery capacityXNo.(V-Ah)	12V 65AhX1
Fuel type	0#(summer), -10#(winter),-35#(chillness)diesel
Panel type	KI panel
Output Receptacle	Two single phase receptacles
Connection pole	A
Noise level (1m) dB(A)	51 53
Fuel tank capacity (L)	65
Fuel consumption (100% output) (L/h)	7.1 8.5
Fuel consumption (75% output) (L/h)	5.4 6.5
Air intake of air filter (m³/S)	0.07
Exhaust temperature (°C)	≤500
Exhaust flow of muffler (m³/S)	0.1
Air inlet (m³/S)	1.91
