



Model	KDE118SS3
Rated frequency (HZ)	50 60
Main power (KVA)	100 118.75
Standby power (KVA)	110 130
Rated voltage (V)	230/400 240/416
Rated current (A)	144.3 164.8
Rated speed (r/min)	1500 1800
Manufacturer	KIPOR
Model	KFS113
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	KD4115ZG
Engine type	Four-cylinder, in-lined, four-stroke, direct injection, water cooled, charged
BoreXstroke (mm)	115x125



Displacement (L)	5.193
Compression ratio	17.3:1
Rated power (kW)	92 110
Cooling water capacity Engine (L)	9.2
Radiator water tank (L)	10.4
Lubricating system	Pressure splashed
Lube oil brand	SAE10W-30,15W-40(above CD grade)
Lube oil capacity (L)	20
Starting system	24V Electric starter
Starting motor capacity (V-kW)	24V 5kW
Charging generator capacity (V-A)	24V 50A
Battery capacityXNo.(V-Ah)	12V 80Ah x2
Fuel type	0#(summer), -10#(winter),-35#(chillness)diesel
Panel type	KP610 panel
Output Receptacle	Two single phase receptacles
Connection pole	A
Noise level (1m) dB(A)	53 57
Fuel consumption (100% output) (L/h)	32.8 39
Fuel consumption (75% output) (L/h)	25 29.6
Air intake of air filter (m³/S)	0.1
Exhaust temperature (°C)	≤500
Exhaust flow of muffler (m³/S)	0.25
Air inlet (m³/S)	3.79
