

DEPARTEMENT OUTILLAGE

GROUPE ELECTROGENE 6.3KVA DIESEL TRIPHASE
AVEC INVERSEUR AUTOMATIQUE

FIRMAN

MODEL

HOME&COMERCIAL USE RANGE

Open&Silent

All above products with quality certification ISO 9001, CE

Application Data

Generator	SDG5000TSE
Engine Model	SDE186FAE
Type	Single cylinder, in-lined, 4-stroke, air-cooled, direct injection
Bore*stroke[mm(in)]	86*72
Displacement[ml(cu. in)]	418
Compression ratio	19:1
Rated output power[kW/rpm]	5.6/3000 6.6/3600
Lubrication system	Pressure splashed
Lube oil brand	Above CD SAE 10W-30, 15W-40
Fuel consumption rate[g/kW.h]	3000rpm: <=275
Fuel type	Diesel 0#(summer) or -10#(winter), -35#(cold)
Fuel tank capacity(L)	12.5/16
Continuous running time(H)	8/9.5

Starting System	SDG5000TSE
Starting system	12V Electric starter
Starting motor capacity	12V 0.8KW
Charging generator capacity	12V 3A
Battery capacity	12V 32AH

Firman Alternator	SDG5000TSE
Wiring Material	100% Copper
Alternator Size (LxW mm)	190*148
Voltage (V)	220V/230V
Frequency (hz)	50/60hz
Voltage distortion rate	<10%
Insulation grade	F
Output (kva)	6.3kva
Phase number	3
Power factor (Cos Phi)	3

Automatic Trasnfors Switch(ATS)	SDG5000TSE
ATS Model	ATS-10
ATS Type	Portable ,External
ATS Picture	 The image shows the front panel of the ATS-10 Automatic Transfer Switch. It features three large indicator lights: a yellow light labeled 'MAINS SUPPLY' with a power line icon below it, a green light labeled 'LOAD OUTPUT' with a light bulb icon below it, and a red light labeled 'GENERATOR SUPPLY' with a generator icon below it. Arrows indicate the flow of power from Mains to Load and from Generator to Load. Below these lights is a red 'START/STOP BUTTON' with 'ON' and 'OFF' labels. A warning label at the bottom contains a lightning bolt symbol and the word 'Warning', followed by several safety instructions in English.