

VP POWER SOLUTION, POWER WITHOUT LIMITS

FAWDE GENERATOR

Prime: 50KW/50KVA

Standby: 55KW/55KVA



SAFETY

- Operate safely in accordance with proper operation manual.
- To prevent trouble and accidents perform daily and preventive maintenance checks without fail.

GENERATOR POWER SOLUTIONS

Increased availability for new operations

Reliable, robust and versatile generator.
Ready to deliver power for a next job.

Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

Reduced transport and installation costs

The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.

Technical Data

Model		FH55S6
Prime power	kva	50
	kw	50
Standby power	kva	55
	kw	55
Rated voltage line to line	V	220/120
Rated current	A	240
Maximun sound level	dB@7m	72
Engine		FAWDE
Model		4DX23-82D
Type		4-cylinder 4-stroke

Air intake type		Turbo & Intercooling
No. cylinders		4
Displacement	L	3.86
Bore*Stroke	mm	102x118
Compression ratio		17:1
Frequency	Hz	60
Rated speed	r/min	1800
Steady state speed regulation	%	≤5 or ≤3
Governor		Mechanical or Electronic
Dry weight of base		380
Dry weight of Gen Pac	kg	410
The flywheel shell interface		SAE3 / Flywheel for 11.5 flexible coupling
Overall dimension (base)	mm	810*700*850
Overall dimension (G.P)	mm	1480*705*900
Rated power (without fan)	Kw	60
Standby power (without fan)	Kw	66

Exhaust System

Heat rejection of exhaust	Kw	47
Exhaust gas temp. after turbine	°C	500
Exhaust gas flow	m ³ /min	13

Air intake System

27°C air consumption	m ³ /min	4.5
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Fuel System

Fuel consumption	g/kWh	215
Fuel capacity for silent genset	L	87

Lubrication System

Oil consumption	L/h	0.05
Oil capacity	L	13

Cooling System

Heat rejection of coolant	kw	36
Fan consumption	kw	3

Electric System

Alternator	A / V	35 / 28
Starter Motor	kw / v	4.5 / 24

Standard Features

Engine(FAWDE ENGINE)



Radiator 50°C max,fans are driven by belt	●
12V charge alternator	●
Alternator: single bearing alternator IP23	●
insulation class H/H	●
Standard auto control system	●
One set of air filter, fuel filter, oil filter	●
Main line circuit breaker / ACB	●
Base fuel tank	●
Batteries, rac and cable	●
Exhaust system(Ripple flex exhaust pipe)	●
Exhaust siphon, flange, muffler	●
User manual	●
Battery charge	●

Options

Water heater	<input type="radio"/>
Alternator heater	<input type="radio"/>
PMG	<input type="radio"/>
Water oil separator	<input type="radio"/>
Daily fuel tank	<input type="radio"/>
Remote control panel	<input type="radio"/>
Automatic transfer switch/ATS	<input type="radio"/>
Switch box	<input type="radio"/>
Standard: ●	Options:○

Alternator

VP POWER

Model		CJ224F/55KW
Phase		1
Voltage	V	220/120
Wiring Type		12 wires
Bearing		1
Power factor		1
Frequency	Hz	60
Prime power	KVA	68.75
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

Controller

DEEPSEA

Model

DSE 6120

Built-in governor and AVR control

Base load (kW export) functionality

Mains (utility) de-coupling protection

Generator power (kW, kVA) monitoring

Overload (kW & kV Ar) protection

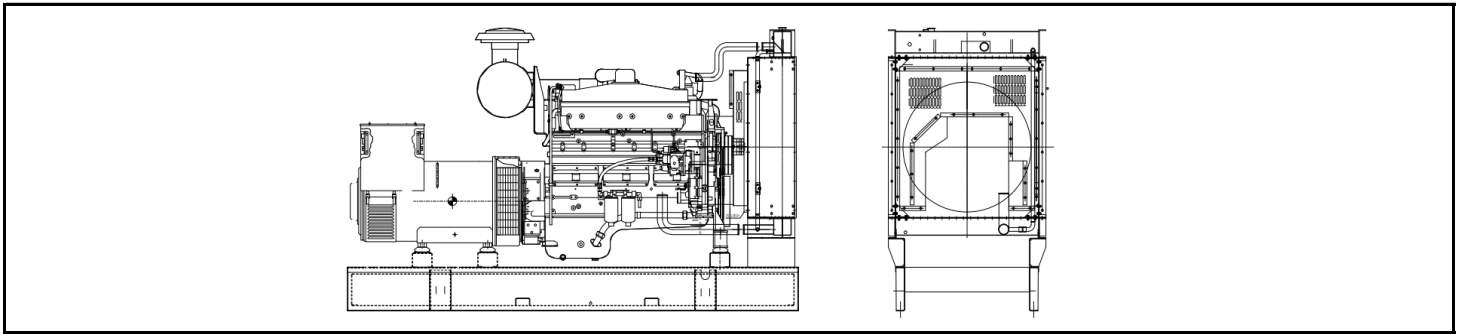
Emergency stop

Start failure

Etc...



Unit Dimensions (Basic unit)



Open Type

L*W*H

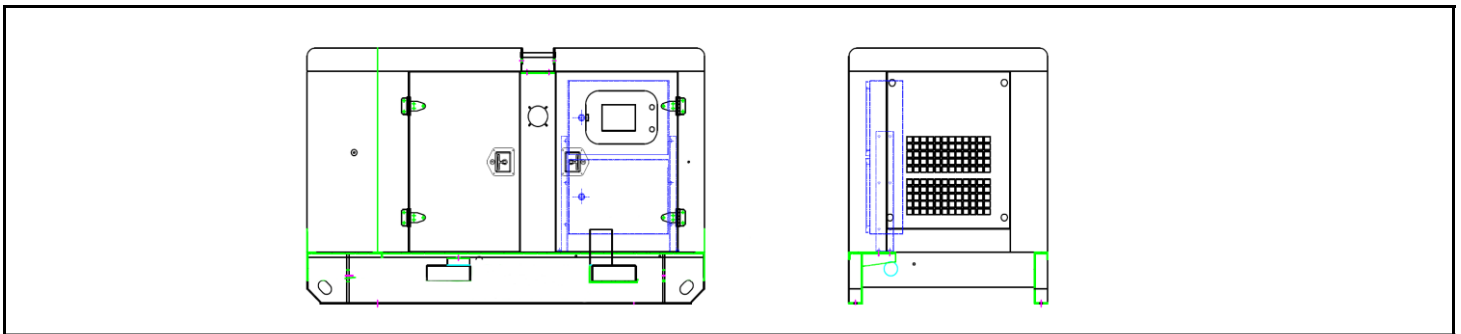
mm

2000*900*1100

Weight

kg

980



Silent Type

L*W*H

mm

2380*950*1300

Weight

kg

1250

Warranty

FAWDE Engine

12 months from date of purchase or 1000 hours.

Generator

12 months from date of purchase or 1000 hours

(whichever comes first).