

POWER YOUR FUTURE

Generator SL 25

4DW-35D

Prime Power: 20KW/25KVA

Standby Power: 22KW/28KVA



GENERATING 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.

SAFETY

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

Technical Data

Model		SL 25
Rated prime power	kva	25
Rated standard power	kva	27.5

Alternator		
Model	STAMFORD	PI144E

Rated voltage line to line	V	400/230
Rated current	A	36
Maximun sound level	dB(@7m)	≤75

Engine Hyundai

Model		4DW92-35D
Air intake system		Turbocharged
Fuel injection system		Direct Inject
No. cylinders		4
Displacement	Liquid	2.54
Bore*Stroke	mm	90*100
Compression ratio		17
Rated speed	r/min	1500
Rated net power(with fan)	Kw	30
Governor type		Mechanical
Start Motor	V	12

Exhaust System

Exhaust gas flow	m³/min	5.9
Exhaust gas temp	°C	450
Max back pressure	kPa	6.7

Air Intake System

Max intake restriction	kPa	3.7
Consumption	m³/min	2.1
Fan consumption	kW	1.8

Fuel System

100% load(Prime power)	L/h	3.5
75% load(Prime power)	L/h	2.8
50% load(Prime power)	L/h	1.9
Fuel tank capacity	L	80

Lubrication System

Total system oil capacity	L	8
Oil consumption	L/h	0.04
Min oil pressure	kPa	262-359
(continuous operation)		

Cooling System

Total coolant capacity	L	9
Thermostat	°C	82-95
Max top tank temperature	°C	112

Standard Features

- Engine
- Radiator 50°C max, fans are driven by be
- 24V charge alternator

Phase		3
Voltage	V	400/230
Wiring Type		3 Phase 4 wire, Y type
Bearing		1
Power factor		0.8
Frequency	Hz	50
Prime power	KVA	25
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

Controller-DEEPSEA

Model DSE6120

Protective functions:

- Low oil pressure
- High water temperature
- High/low voltage
- High Engine Temperature and Overspeed.
- Voltage regulator frequency regulator
- Emergency stop
- Start failure



Control Module Options

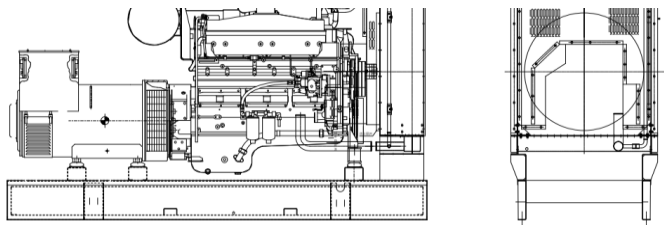


- Auto generator control module
- Control module with " Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

Unit Dimensions(Basic unit)



- 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/MCCB
- Base fuel tank
- Two 12V batteries, rac and cable
- Exhaust system(Ripple flex exhaust pipe, exhaust siphon, flange, muffler)
- User manual



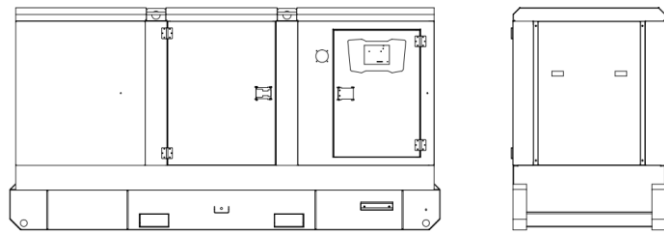
Open Type

L*W*H	mm	1450*720*900
Weight	kg	650

Options

- Battery charge
- Engine heater
- Alternator heater
- PMG
- Water oil separator
- Daily fuel tank
- Remote control panel
- Automatic transfer switch/ATS
- Switch box

Standard: ● Options:○



Silent Type

L*W*H	mm	2020*900*1150
Weight	kg	750

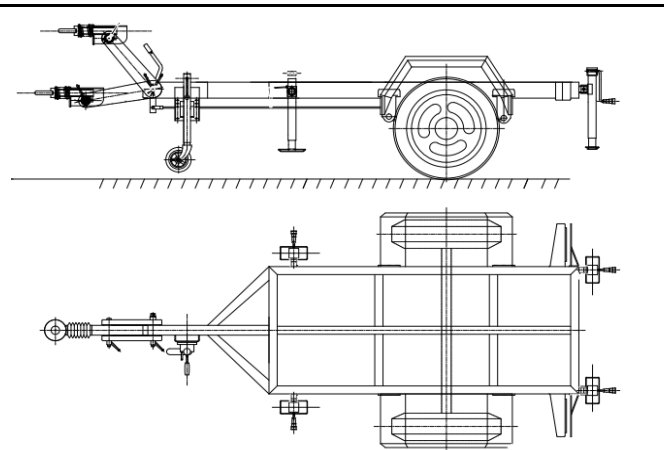
Warranty*

Engine

12 months from date of purchase and 1000 hours.

Generator

12 months from date of purchase or 1000 hours (whichever occurs first).



Trailer Option

L*W*H	mm	3300*1750*950
Max loading weight	kg	1050