



**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 15	
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Rated prime power	kva	15
Rated standard power	kva	17
Rated voltage line to line	V	400/230
Rated current	A	24
Maximun sound level	dB(@7m)	≤75

Engine-Hyundai	
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Model	4DW-29D
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Alternator		
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Model	STAMFORD	PI144D
Phase		3
Voltage	V	400/230
Wiring Type		3 Phase 4 wire, Y type
Bearing		1
Power factor		0,8
Frequency	Hz	50

Air intake system		Natural
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	21
Governor type		Mechanical
Start Motor	V	12

### Exhaust System

Exhaust gas flow	m <sup>3</sup> /min	4,6
Exhaust gas temp	°C	450
Max back pressure	kPa	6,7

### Air Intake System

Max intake restriction	kPa	3,7
Consumption	m <sup>3</sup> /min	1,7
Fan consumption	kW	1,6

### Fuel System

100% load(Prime power)	L/h	3,2
75% load(Prime power)	L/h	2,1
50% load(Prime power)	L/h	1,5
Fuel tank capacity	L	45

### Lubrication System

Total system oil capacity	L	8
Oil consumption	L/h	0,05
Min oil pressure	kPa	262-359
(continuous operation)		

### Cooling System

Total coolant capacity	L	6
Thermostat	°C	82-95
Max top tank temperature	°C	112

### Standard Features

- Engine hyundai
- Radiator 50°C max,fans are driven by be
- 24V 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/MCCB
- Base fuel tank
- Two 12V batteries, rac and cable
- Exhaust system(Ripple flex exhaust pipe,
- exhaust siphon, flange, muffler
- User manual

### Options

- Battery charge

Prime power	KVA	15
Exciter Type		Brushless, self-excitation
Voltage regulator	%	±0.5
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

### Controller-DEESEA

Model	DSE6120
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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



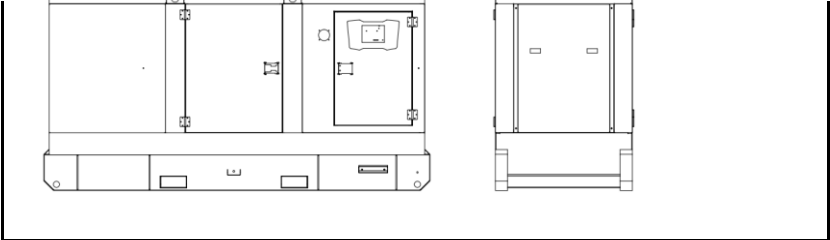
- Auto generator control module
- Control module with " Three Remote Control" functions
- ATS auto load transfer screen
- Synchronising control modules
- Power output cabinet

### Unit Dimensions(Basic unit)

<b>Open Type</b>		
L*W*H	mm	1450*720*900
Weight	kg	650



- Engine heater
- Alternator heater
- PMG
- Water oil separator
- Daily fuel tank
- Remote control panel
- Automatic transfer switch/ATS
- Switch box
- Standard: ●                      Options: ○



<b>Silent Type</b>		
L*W*H	mm	1900x900x1200
Weight	kg	600

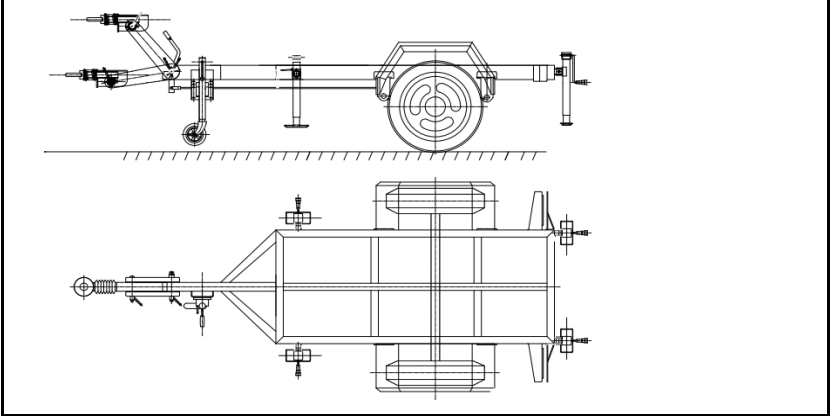
**Warranty\***

**Hyundai Engine**

12 months from date of purchase and 1000 hours.

**Generator**

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



<b>Trailer Option</b>		
L*W*H	mm	2850*1500*880
Max loading weigh	kg	650