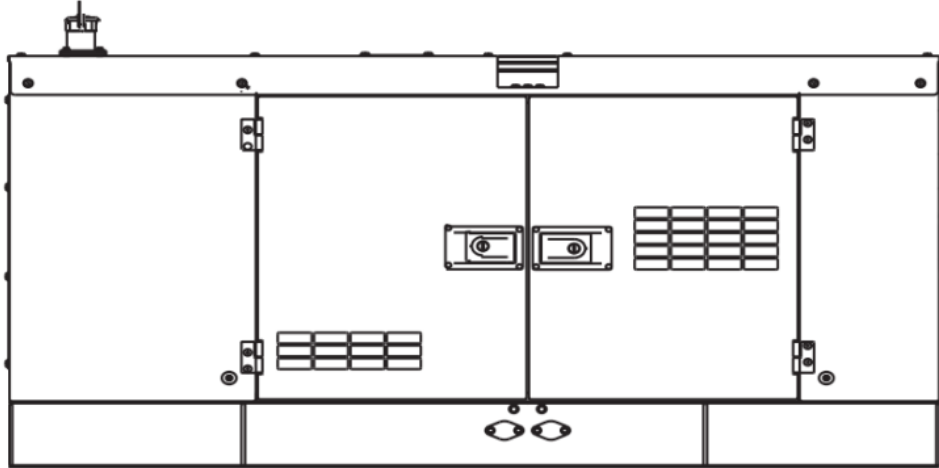


# POWER OUTPUT

Prime Rating — 26 kW (31 kVA)  
 Standby Rating — 30kW (37.5kVA)  
 Single Phase / 3-Phase, 60 Hertz, 0.8 PF



## STANDARD FEATURES

- Heavy duty, 4-cycle, variable speed fan, diesel engine provides maximum reliability.
- Brushless alternator reduces service and maintenance requirements. Class H protection.
  - Open delta alternator design provides virtually unlimited excitation for maximum motor starting capability.
  - Automatic voltage regulator (AVR) provides precise regulation.
- Electronic governor system maintains frequency to  $\pm 0.25\%$ .
- Full load acceptance of standby nameplate rating in one step
- Soundproof, weather resistant, steel housing provides operation at 65dB (A) at 7meters. Fully lockable enclosure allows safety operation. Outdoor operation available.
- Internal fuel tank with direct observing glass, and fuel level meter display on control panel
  - E-coat and powder coat paint provides durability and weather protection.
- Digital engine gauges including oil pressure, water temperature, battery volts, engine speed, and fuel level.
- Analog generator instrumentation including Ampere meter,
- Voltage meter, frequency meter, ammeter phase selector switch, voltmeter phase selector switch. Analog generator instrumentation and regulator adjustment.
- Deepsea/Comap professional generator controller.
  - High visibility LCD display with heated screen and alphanumeric readout.
  - IP65 Protection standard, operational temperature range of  $-40^{\circ}$  to  $85^{\circ}$  C.
  - Modbus interface for gauge panel and expansion options.
  - DPF cleaningcycle indication.
  - Log record for inspection
- Automatic safety shutdown system monitors the water temperature, engine oil pressure, low coolant, low DEF, overspeed, and overcrank. Warning lights indicate abnormal conditions.
- Fuel/water separator. Removes condensation from fuel for extended engine life.
- Emergency stop switch — when manually activated, shuts down in any emergency.

## SILENT SERIES

**DECIBELLEVELS**

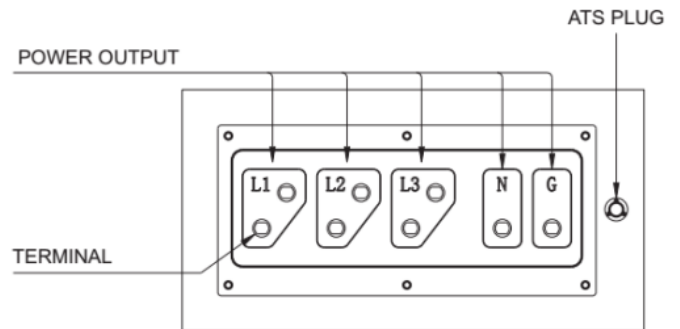
Revolving field, self ventilated weatherproof Normal conversation allows substantially lower operating noise levels than competitive designs. Gensets good for home, construction sites, residential, hospital, etc.

<b>90</b>	— Subway / truck traffic
<b>80</b>	— Average city traffic
<b>70</b>	— Inside car at 60 mph
<b>60</b>	— Air conditioner at 6m → <b>Genset at 7m</b>
<b>50</b>	— Normal conversation

65.0

DECIBELS

## GENERATOR OUTPUT PANEL



## SPECIFICATIONS

Generator Specifications	
Model	Revolving field, self-ventilated weatherproof
Standby Output	30 KW (37.5KVA)
Prime Output	26 KW (31KVA)
Power Factor	0.8
Voltage Regulation (No load to full load)	±0.5%
No. of Poles	4
Excitation	Brushless with AVR
Frequency Regulation: No Load to Full Load	Isochronous under varying loads from no load to 100% rated load
Frequency Regulation: Steady State	±0.25% of mean value for constant loads from no load to full load.
Insulation	Class H
Sound Level dB(A) Full load at 7M	65

Fuel System	
Fuel Tank Capacity	18.4 gallons (70 liters)
Fuel Consumption	L / h
At full load	6.5
At 3/4 load	5.8
At 1/2 load	4.6
At 1/4 load	3.7

Control system	
Controller Brand	DEEPSEA
Model	DSE4520
Module	Manual/Auto start/stop module
Standard function	Engine control
	Generator monitoring
	Generator protection
	Specification
Display	Frequency
	Battery voltage
	Running hour
Warning/shutdown	under/over voltage
	under/over speed
	under/over frequency
	Low oil pressure
	High water temperature
Communication port	USB

Engine Specifications	
Make / Model	FAW/ 4DW92-42D
Emissions	/
Starting System	Electrical start
Design	4 cylinder, 4-cycle, water cooled, direct injection, Turcharged inner cooling
Displacement	2.54 Liters
No. cylinders	4
Bore x Stroke	90*100mm
Gross Engine Power Output	45.5hp (34 kW)
Compression Ratio	17:1
Engine Speed	1800 rpm
Overspeed Limit	2070 rpm
Oil Capacity	2.11 gallons (8 liters)
Coolant Capacity	5.55 gallons (21 liters)
Battery	12V 60Ah x 1

Alternator	
Alternator Brand	KWISE
Alternator Model	KAL184D2
Excitation	Brushless, Self-Excited system
Capacity(KVA)	33kva
Power(KW)	26.4kw
Efficiency(%)	83.7%
Insulation class	Class H
Protection class	Ip23
Steady state voltage regulation	±1%
Voltage control	AVR

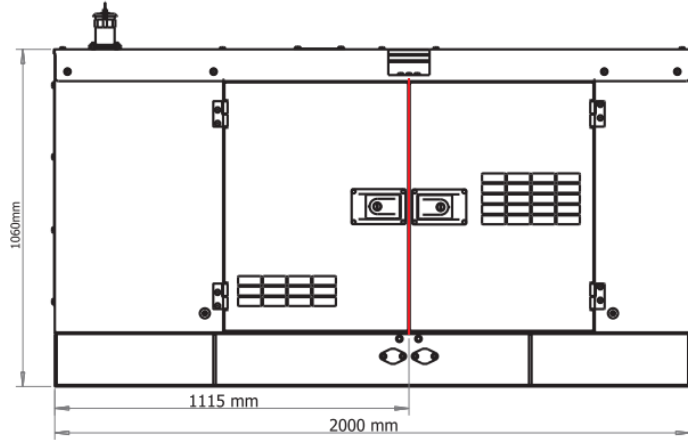
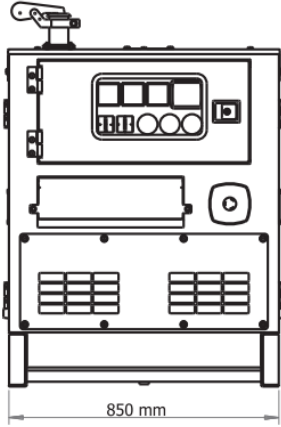
## WARRANTY\*

### Generator

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

### NOTICE

Enough Air flow is extremely important to Generator operation. Improper connection can cause electrocution and/or property damage. Do not connect to any electrical system except through an approved device. Specifications are subject to change without notice.



**Weight**

Dry Weight	900 kg
Wet Weight	1,032 kg
Max. Lifting Point Capacity	2,064 kg

