

# ON-5

## Power by KUBOTA

# KUBOTA D905

Prime power:5.5KVA/5.5KW

Standby power:6KVA/6KW

## 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.

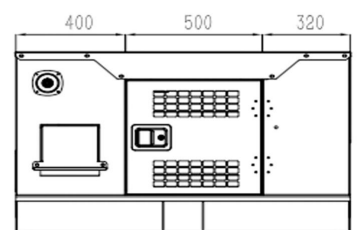
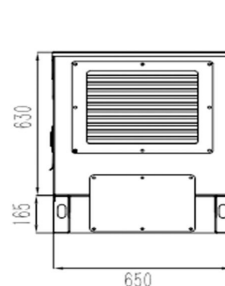
### Premium resale value

Designed and built to last.



**Kubota**  
Power Equipment  
**D905-BG**

Generator Drive



DIESEL GENERATOR SET			
Genset Model:	GF-5	Genset No.	202546712001
Prime Power:	5kW/5kVA	Standby Power:	5.5kW/5.5kVA
Voltage:	240 V	Engine Model:	KUBOTA D905
Rated Current:	20.8 A	Speed:	1500 RPM
Frequency:	50 Hz	Weight:	330 KG
Phase & P.F.	1P 1.0PF	Mfg Date:	2025.12
DIMENSIONS (LxWxH)		1226x650x797 mm	
STANDARD		ISO8528-5:2015	
ISO9001-2015			

# ONEWPOWER

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## Technical Data

### Model ON-5

Rated prime power	kva	5.5
Rated standard power	kva	6
Rated voltage line to line	V	110/220
Maximun sound level	dB(@7m)	≤ 61

### Engine

Model		D905
Aspiration	Turbocharged and aftercooled	
Fuel system	mechanical pump	
No. cylinders		2
Displacement	Liquid	0.479
Bore*Stroke	mm	67*68
Compression ratio		15
Rated speed	r/min	1500
Rated net power(with fan)	Kw	5
Governor type	mechanical speed governors	

### Exhaust system

Exhaust gas flow	L/s	242
Exhaust gas temp	° F (° C)	<500
Max back pressure	in Hg	12

### Aspiration system

Max inlet pressure	kPa	≤3.5
Combustion volume	L/s	/
Air flow	L/sec	233

### Fuel system

100% load(Prime power)	L/h	2.2
75% load(Prime power)	L/h	1.9
50% load(Prime power)	L/h	1.6
Fuel tank capacity	L	15

### Lubrication system

Oil capacity	L	15
Oil consumption	g/kwh	0.2
Oil pressure	kPa	0.1-0.5
(continuous operation)		

### Cooling system

Coolant capacity	L	2
Thermostat operation range	°C	76-88
Max water temperature	°C	98

### Alternator

Model		ON-5
Phase		1
Voltage	V	110/220
Wiring Type		3 wire
Bearing		1
Power factor		1
Frequency	Hz	50
Prime power	KW	5.5KW
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

### Controller

Model	DSE6120MK3
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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

## Standard features

- Engine
- Radiator 50°C max, fans are driven by belt
- 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 24V batteries, rac and cable
- Exhaust system(Ripple flex exhaust pipe, exhaust siphon, flange, muffler)
- User manual

## 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: ○

## Warranty

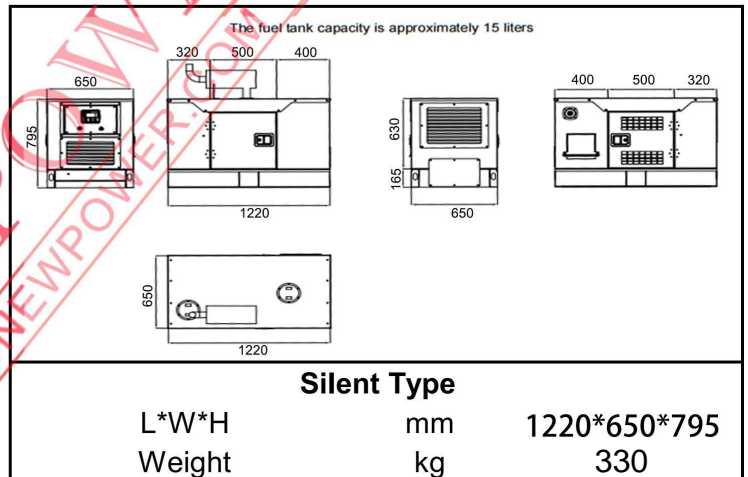
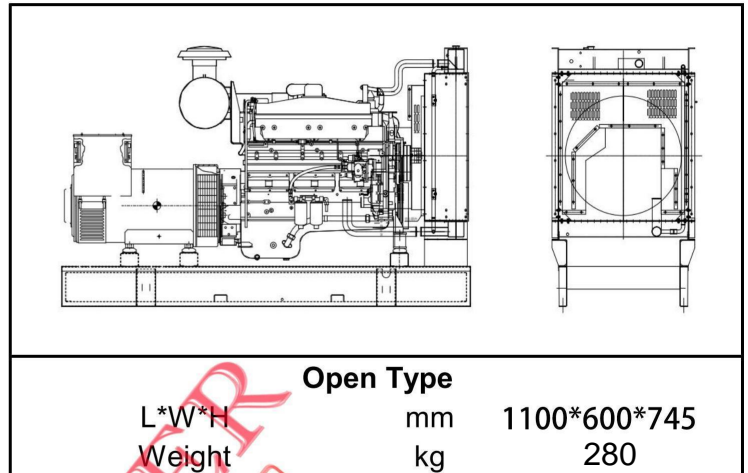
### Weichai Engine

12 months from date of purchase and 1000 hours.

### Generator

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

## Dimensions



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The fuel tank capacity is approximately 15 liters

