

ON-5

Power by KUBOTA

KUBOTA Z482

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

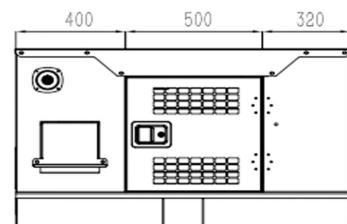
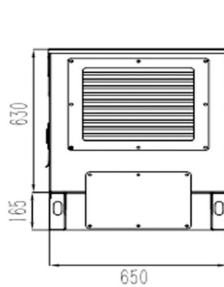
The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.



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Technical Data

Model	ON-5		Alternator			
Rated prime power	kva	5.5	Model	ON-5		
Rated standard power	kva	6	Phase	1		
Rated voltage line to line	V	110/220	Voltage	V 110/220		
Maximun sound level	dB(@7m)	≤ 61	Wiring Type	3 wire		
Engine						
Model	Z482		Bearing	1		
Aspiration	Turbocharged and aftercooled		Power factor	1		
Fuel system	mechanical pump		Frequency	Hz 50		
No. cylinders	2		Prime power	KW 5.5KW		
Displacement	Liquid	0.479	Exciter Type	Brushless, self-excitation		
Bore*Stroke	mm	67*68	Voltage regulation	% ±0.5		
Compression ratio	15		Protection Grade	IP 23		
Rated speed	r/min	1500	Insulation grade	H/H		
Rated net power(with fan)	Kw	5	Altitude	m ≤1000		
Governor type	mechanical speed governors		Controller			
Exhause system						
Exhause gas flow	L/s	242	Model	DSE6120MK3		
Exhause gas temp	° F (° C)	<500	Protective functions:			
Max back pressure	in Hg	12	<ul style="list-style-type: none"> ■ Low oil pressure ■ High water temperature ■ High/low voltage ■ High Engine Temperature and Overspeed. ■ Voltage regulator frequency regulator ■ Emergency stop ■ Start failure 			
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				

Controller

Model DSE6120MK3

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

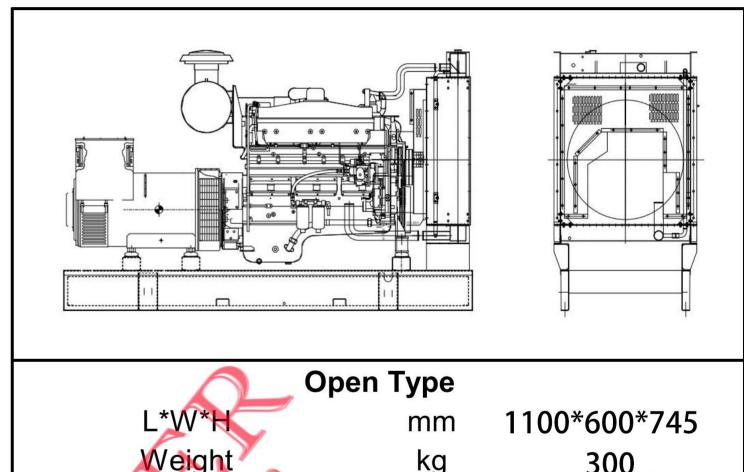
Weichai Engine

12 months from date of purchase and 1000 hours.

Generator

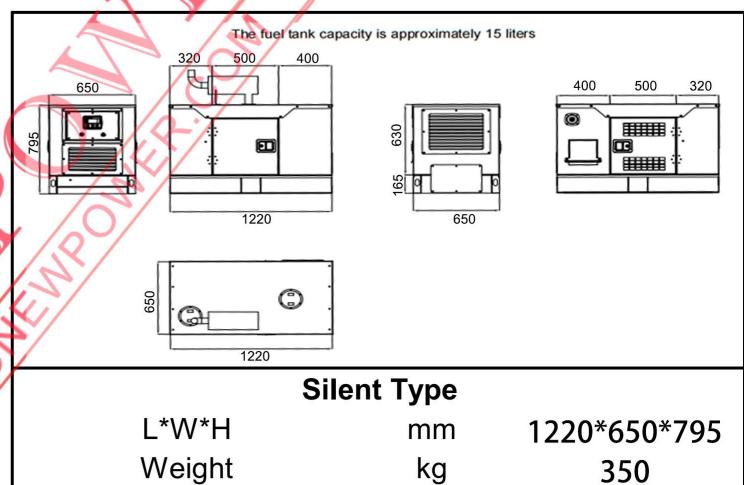
12 months from date of purchase or 1000 hours (whichever occurs first).

Dimensions



Open Type

L*W*H mm 1100*600*745
Weight kg 300



Silent Type

L*W*H mm 1220*650*795
Weight kg 350

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FUZHOU CITY, FUJIAN, CHINA

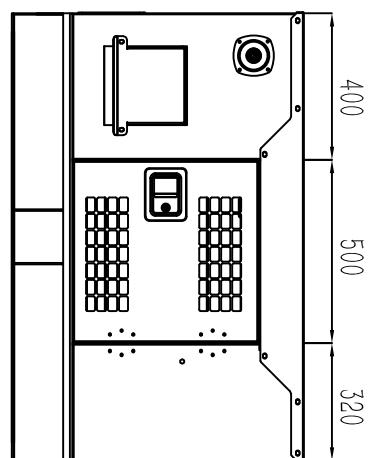
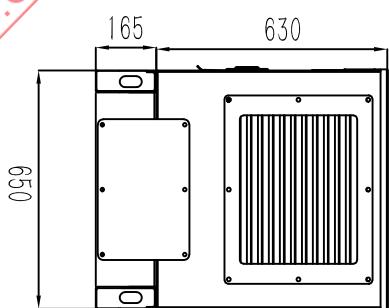
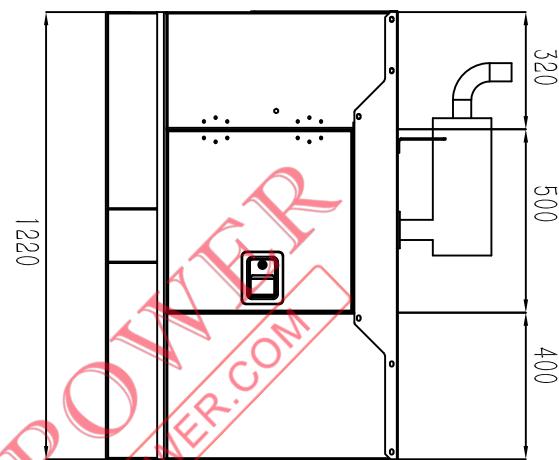
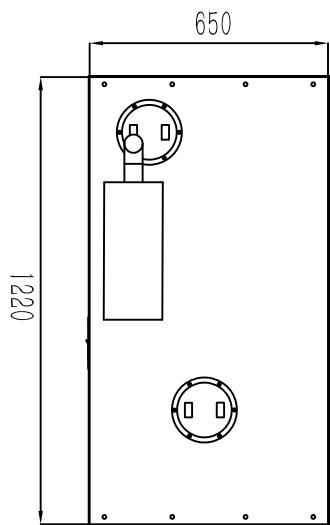
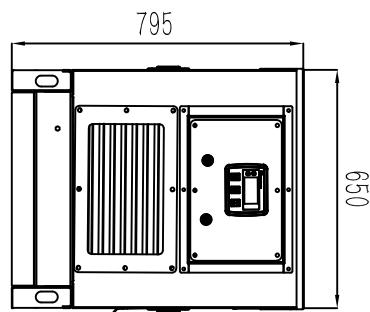
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ON-Z482

The fuel tank capacity is approximately 15 liters



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