

ON-900

Power by WEICHAI

12M26D902E200

Prime power: 720KW/900KVA

Standby power: 800KW/1000KVA

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

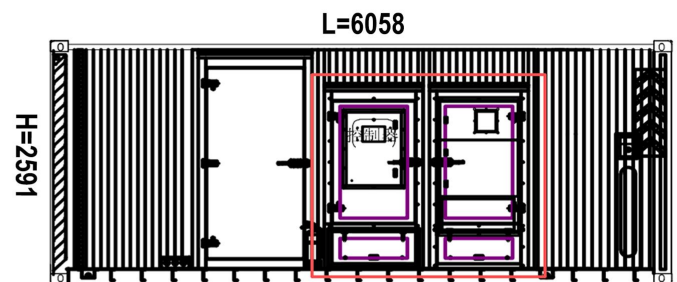
The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.



DIMENSION			OPEN TYPE	SILENT TYPE
	Length (L)	mm	4175	6058
	Width (W)	mm	2020	2438
	Height (H)	mm	2276	2591
	Dry weight	kg	5973	7973
	Fuel tank	L	NA	NA

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Technical Data

Model ON-900

Rated prime power	KW	720
Rated standard power	KW	800
Rated voltage line to line	V	380~415
Maximun sound level	dB(@7m)	≤ 72

Engine

Model	12M26D902E200
Aspiration	Turbochargine and aftercooled
Fuel system	mechanical pump
No. cylinders	12
Displacement	Liquid 31.8
Bore*Stroke	mm 150*150
Compression ratio	15.7:1
Rated speed	r/min 1500
Rated net power(with fan)	Kw 640
Governor type	Electronic

Exhaust system

Exhaust gas flow	4662kg/h
Exhaust gas temp	° F (° C) < 750
Max back pressure	7.5Kpa

Aspiration system

Max inlet pressure	kPa ≤ 3.5
Combustion volume	L/s /
Air flow	kg/h 4497

Fuel system

100% load(Prime power)	L/h 198
75% load(Prime power)	L/h 147.3
50% load(Prime power)	L/h 102
Fuel tank capacity	L N/A

Lubrication system

Oil capacity	L 109
Oil consumption	L/H 198
Oil pressure	kPa 10
(continuous operation)	

Cooling system

Coolant capacity	L 83
Thermostat operation range	°C 76-88
Max water temperature	°C 98

Alternator

Model	ON-900
Phase	3
Voltage	V 380~415
Bearing	1
Power factor	0.8
Frequency	Hz 50
Prime power	KW 720
Exciter Type	Brushless, self-excitation
Voltage regulation	% ±0.5
Protection Grade	IP 23
Insulation grade	H/H
Altitude	m ≤ 1000

Controller

Model	
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

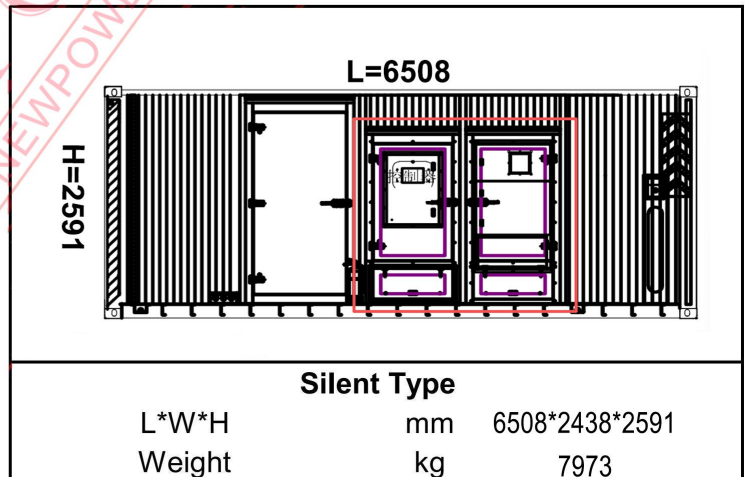
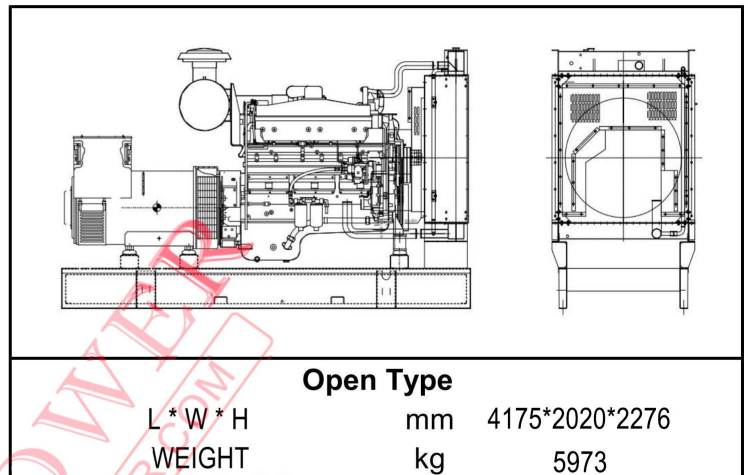
WEICHAI ENGINE

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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ADD: NO . 1 0 7 XIYUAN ROAD , JINAN DISTRICT, FUZHOU CITY, FUJIAN, CHINA

Phone: 15980204507 E-mail: jina@onewpower.com

WWW.ONEWPOWER.COM

