

ON-1250

Power by WEICHAI

12M33D1210E200

Prime power: 1000KW/1250KVA

Standby power: 1100KW/1375KVA

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

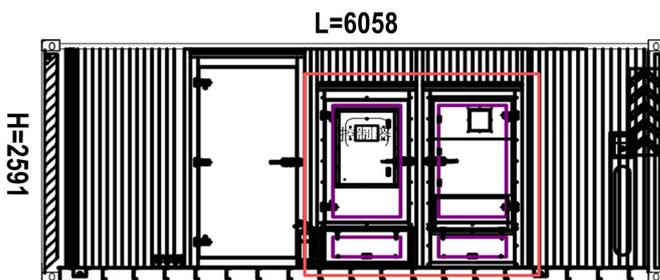
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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	6736	8736	
 Fuel tank	L	NA	NA	

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Technical Data

Model ON-1250

Rated prime power	KW	1000
Rated standard power	KW	1100
Rated voltage line to line	V	380~415
Maximum sound level	dB(@7m)	≤72

Engine

Model	12M33D1210E200	
Aspiration	Turbochargine and aftercooled	
Fuel system	mechanical pump	
No. cylinders	12	
Displacement	Liquid	39.2
Bore*Stroke	mm	150*185
Compression ratio	15.7:1	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	1000
Governor type	Electronic	

Exhaust system

Exhaust gas flow	5739kg/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	5520

Fuel system

100% load(Prime power)	L/h	260
75% load(Prime power)	L/h	190.8
50% load(Prime power)	L/h	129.6
Fuel tank capacity	L	N/A

Lubrication system

Oil capacity	L	155
Oil consumption	L/H	260
Oil pressure	kPa	10
(continuous operation)		

Cooling system

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

Alternator

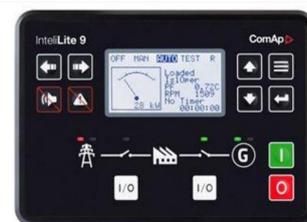
Model	ON-1250	
Phase	3	
Voltage	V	380~415
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KW	1000
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

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

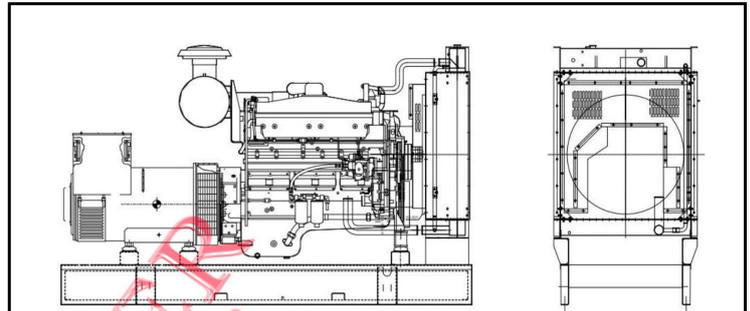
WEICHAI ENGINE

12 months from date of purchase and 1000 hours.

Generator

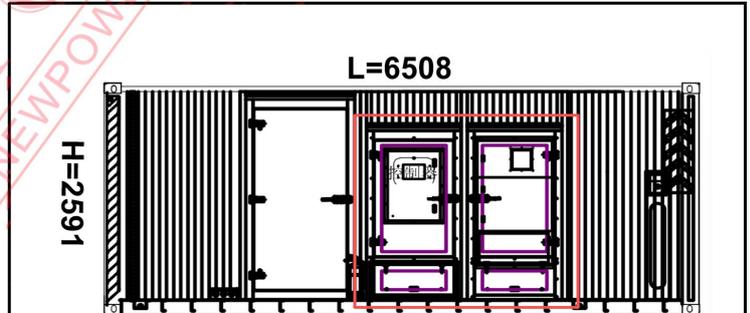
12 months from date of purchase or 1000 hours (whichever occurs first).

Dimensions



Open Type

L*W*H	mm	4175*2020*2276
WEIGHT	kg	6736



Silent Type

L*W*H	mm	6508*2438*2591
Weight	kg	8736

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