

ON-1750

Power by WEICHAI

16M33D1680E310

Prime power: 1400KW/1750KVA

Standby power: 1520KW/1900KVA

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

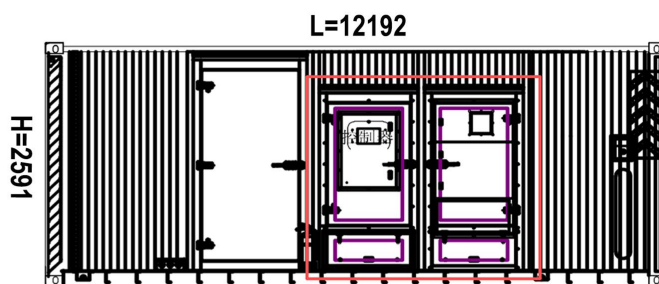
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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	5400	12192
	Width (W)	mm	2250	2438
	Height (H)	mm	2500	2591
	Dry weight	kg	NA	NA
	Fuel tank	L	NA	NA

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Technical Data

Model ON-1750

Rated prime power	KW	1400
Rated standard power	KW	1520
Rated voltage line to line	V	380~415
Maximun sound level	dB(@7m)	≤ 72

Engine

Model	16M33D1680E310
Aspiration	Turbochargine and aftercooled
Fuel system	mechanical pump
No. cylinders	16
Displacement	Liquid 52.3
Bore*Stroke	mm 150*185
Compression ratio	15:1
Rated speed	r/min 1500
Rated net power(with fan)	Kw 1400
Governor type	Electronic

Exhaust system

Exhaust gas flow	7852kg/h
Exhaust gas temp	° F (° C) < 740
Max back pressure	7.1Kpa

Aspiration system

Max inlet pressure	kPa ≤ 3.5
Combustion volume	L/s /
Air flow	kg/h 7548

Fuel system

100% load(Prime power)	L/h 367.2
75% load(Prime power)	L/h 275.4
50% load(Prime power)	L/h 183.6
Fuel tank capacity	L NA

Lubrication system

Oil capacity	L 171
Oil consumption	L/H 367.2
Oil pressure	kPa 10
(continuous operation)	

Cooling system

Coolant capacity	L 100
Thermostat operation range	°C 76-88
Max water temperature	°C 98

Alternator

Model	ON-1750
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Phase	3
Voltage	V 380~415

Bearing	1
Power factor	0.8
Frequency	Hz 50
Prime power	KW 1400
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

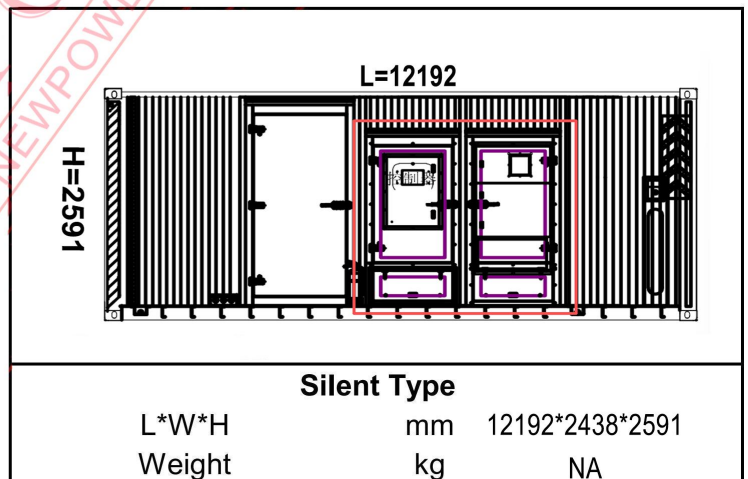
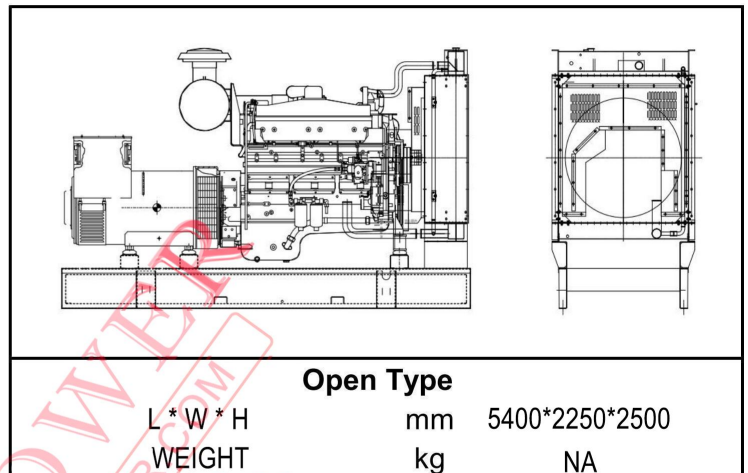
WEICHAI ENGINE

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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