

ON-150

Power by WEICHAI

WP6D152E200

Prime power: 120KW/150KVA

Standby power: 132KW/165KVA

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

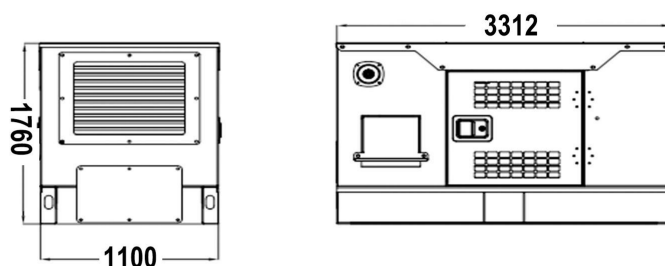
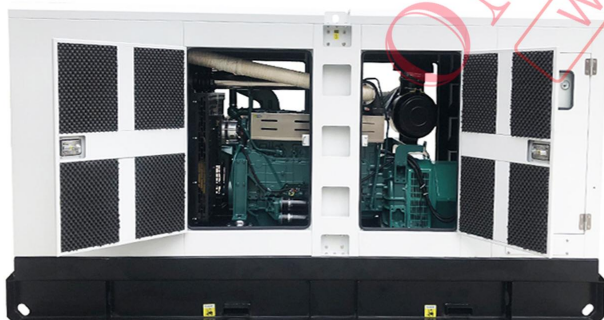
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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	2400	3312
	Width (W)	mm	950	1100
	Height (H)	mm	1510	1760
	Dry weight	kg	1243	2043
	Fuel tank	L	240	290

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Technical Data

Model ON-150

Rated prime power	KW	120
Rated standard power	KW	132
Rated voltage line to line	V	380~415
Maximun sound level	dB(@7m)	≤ 72

Engine

Model	WP6D152E200	
Aspiration	Turbochargine and aftetcooled	
Fuel system	mechanical pump	
No. cylinders	6	
Displacement	Liquid	6.75
Bore*Stroke	mm	105*130
Compression ratio	18:1	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	120
Governor type	Electronic	

Exhaust system

Exhaust gas flow	643kg/h	
Exhaust gas temp	° F (° C)	< 700
Max back pressure	6.5KPA	

Aspiration system

Max inlet pressure	kPa	≤ 3.5
Combustion volume	L/s	/
Air flow	kg/h	615

Fuel system

100% load(Prime power)	L/h	32.9
75% load(Prime power)	L/h	24.2
50% load(Prime power)	L/h	16.5
Fuel tank capacity	L	290

Lubrication system

Oil capacity	L	16
Oil consumption	L/H	32.9
Oil pressure	kPa	10
(continuous operation)		

Cooling system

Coolant capacity	L	8
Thermostat operation range	°C	76-88
Max water temperature	°C	98

Alternator

Model	ON-150	
Phase	3	
Voltage	V	380~415
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KW	120
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

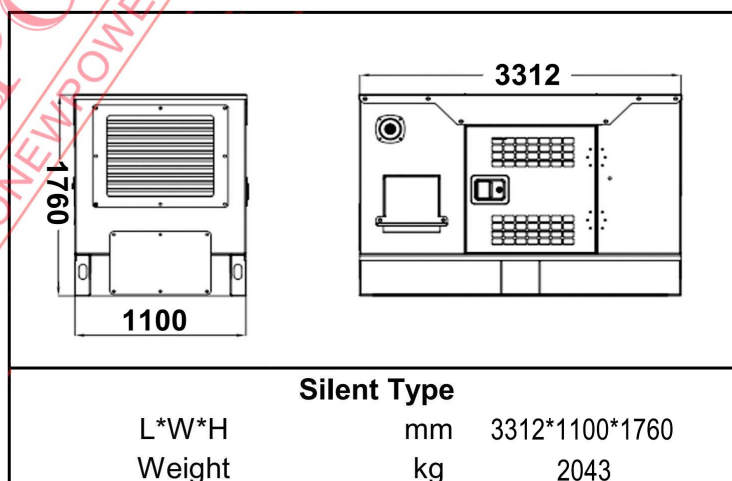
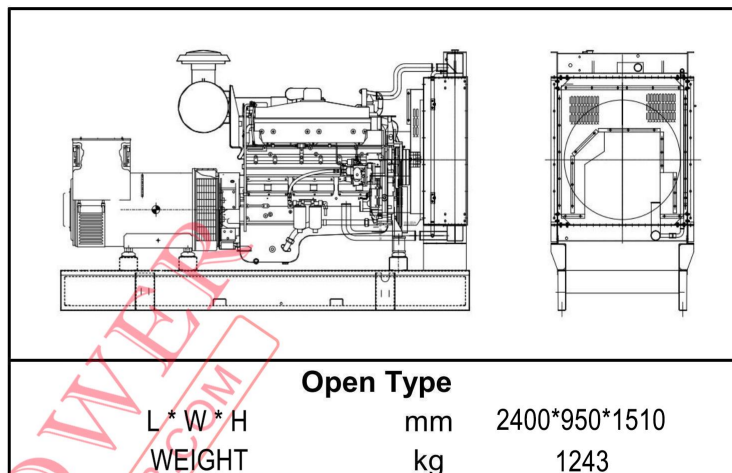
WEICHAH ENGINE

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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