

ON-250

Power by WEICHAI

WP10D320E200

Prime power: 250KW/313KVA

Standby power: 275KW/345KVA

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

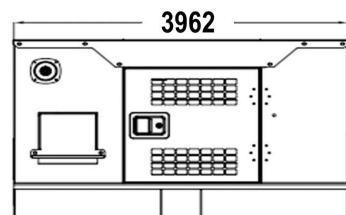
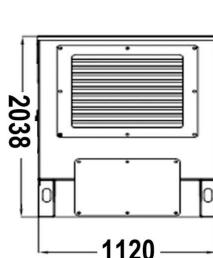
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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	2850
Width (W)	mm	1040
Height (H)	mm	1580
Dry weight	kg	1855
Fuel tank	L	350
		500



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Technical Data

Model	ON-250		Alternator	
Rated prime power	KW	250	Model	314G260
Rated standard power	KW	275	Phase	3
Rated voltage line to line	V	230/400	Voltage	V 230/400
Maximum sound level	dB(@7m)	≤ 72	Bearing	1
Engine				
Model	WP10D320E200		Power factor	0.8
Aspiration	Turbocharge and intercooling		Frequency	Hz 50
Fuel system	mechanical pump		Prime power	KW 250
No. cylinders	6		Exciter Type	Brushless, self-excitation
Displacement	Liquid	9.726	Voltage regulation	% ±0.5
Bore*Stroke	mm	126*130	Protection Grade	IP 23
Compression ratio	17:1		Insulation grade	H/H
Rated speed	r/min	1500	Altitude	m ≤1000
Rated net power(with fan)	Kw	255	Controller	
Governor type	Electronic		Model	DSE6120
Exhause system				
Exhause gas flow	1483kg/h		Protective functions:	
Exhause gas temp	° F (° C)	<500	<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 	
Max back pressure	10KPA			
Aspiration system				
Max inlet pressure	kPa	≤3.5		
Combustion volume	L/s	/		
Air flow	1424kg/h			
Fuel system				
100% load(Prime power)	L/h	71		
75% load(Prime power)	L/h	51.7		
50% load(Prime power)	L/h	34.9		
Fuel tank capacity	L	500		
Lubrication system				
Oil capacity	L	30	<ul style="list-style-type: none"> ■ Auto generator control module ■ Control module with "Three Remote Control" functions ■ ATS auto load transfer screen ■ Synchronising control modules ■ Power output cabinet 	
Oil consumption	g/kwh	28.3		
Oil pressure	kPa	10		
(continuous operation)				
Cooling system				
Coolant capacity	L	22		
Thermostat operation range	°C	76-88		
Max water temperature	°C	98		

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

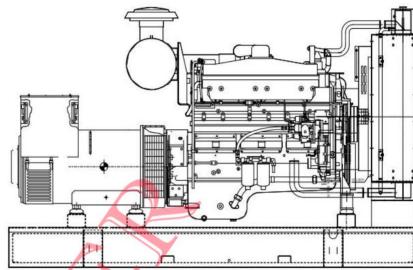
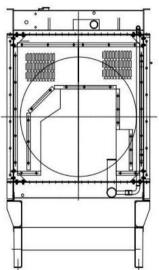
WEICHAI ENGINE

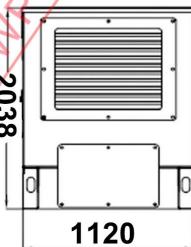
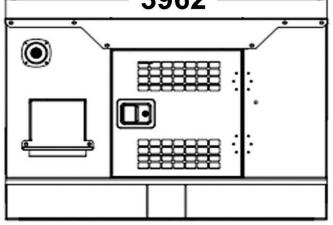
12 months from date of purchase and 1000 hours.

Generator

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

Dimensions

	
Open Type	
L * W * H	mm 2850*1040*1580
WEIGHT	kg 1855

	
Silent Type	
L * W * H	mm 3962*1120*2038
Weight	kg 3033

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