

ON-250

Power by CUMMINS

6LTAA9.5-G1

Prime power: 313KVA/250KW

Standby power: 345KVA/275KW

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

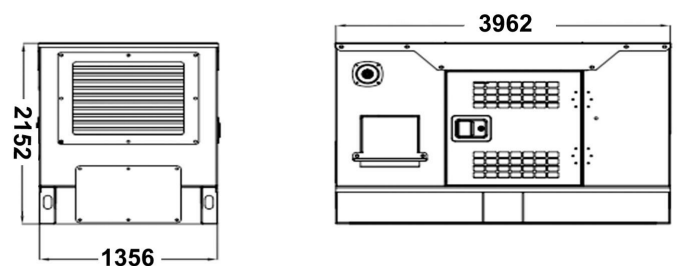
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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	2820	3962
	Width (W)	mm	1300	1356
	Height (H)	mm	1650	2152
	Dry weight	kg	2600	3200
	Fuel tank	L	470	470

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Technical Data

Model ON-250

Rated prime power	KW	250
Rated standard power	KW	275
Rated voltage line to line	V	127/220

Maximun sound level	dB(@7m)	≤ 72
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Engine

Model	6LTAA9.5-G1	
Aspiration	Turbochargine and intercooling	
Fuel system	mechanical pump	
No. cylinders	6	
Displacement	Liquid	9.5
Bore*Stroke	mm	116.5*148
Compression ratio	16.6:1	
Rated speed	r/min	1800
Rated net power(with fan)	Kw	255
Governor type	mechanical speed governors	

Exhaust system

Exhaust gas flow	KG/MIN	28
Exhaust gas temp	° F (° C)	<500
Max back pressure	10KPA	

Aspiration system

Max inlet pressure	kPa	≤3.5
Combustion volume	L/s	/
Air flow	L/sec	59

Fuel system

100% load(Prime power)	L/h	68
75% load(Prime power)	L/h	50
50% load(Prime power)	L/h	34
Fuel tank capacity	L	470

Lubrication system

Oil capacity	L	14
Oil consumption	g/kwh	2.7
Oil pressure	kPa	10
(continuous operation)		

Cooling system

Coolant capacity	L	57.1
Thermostat operation range	°C	76-88
Max water temperature	°C	98

Alternator

Model	314G252	
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Phase	3	
Voltage	V	127/220
Wiring Type	3 wire	
Bearing	1	
Power factor	0.8	
Frequency	Hz	60
Prime power	KW	250
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

Controller

Model	DSE6120	
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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 bel
- 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

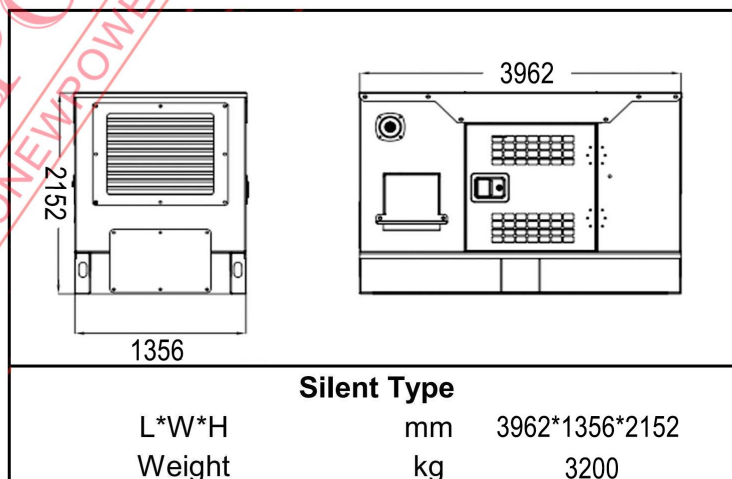
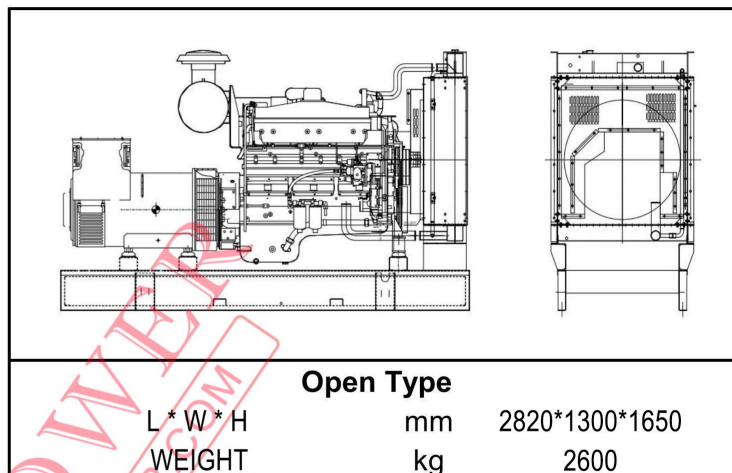
CUMMINS ENGINE

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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