

# ON-60

## Power by CUMMINS

# 4BTA3.9-G2

Prime power: 55KVA/44KW

Standby power: 60KVA/48KW

## 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

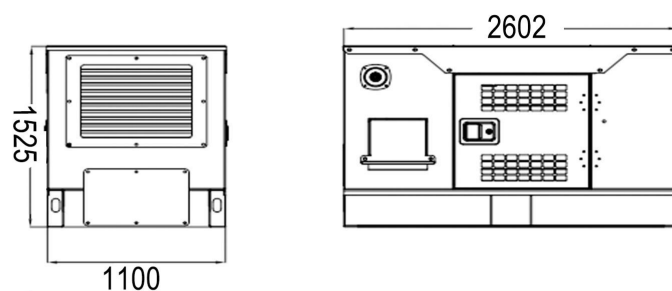
The compact and robust design with integrated transport features enables faster and safer transport and installation.

### 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	1900	2602
	Width (W)	mm	950	1100
	Height (H)	mm	1400	1525
	Dry weight	kg	1100	1650
	Fuel tank	L	120	120

# ONEWPOWER

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## Technical Data

### Model ON-60

Rated prime power	kva	55
Rated standard power	kva	60
Rated voltage line to line	V	220/380
Maximun sound level	dB(@7m)	≤ 72

### Engine

Model	4BTA3.9-G2
Aspiration	Turbochargine and intercooling
Fuel system	mechanical pump
No. cylinders	4
Displacement	Liquid 3.9
Bore*Stroke	mm 102*120
Compression ratio	17.3:1
Rated speed	r/min 1500
Rated net power(with fan)	Kw 45
Governor type	mechanical speed governors

### Exhaust system

Exhaust gas flow	L/s	134
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	14.9
75% load(Prime power)	L/h	11.4
50% load(Prime power)	L/h	8.1
Fuel tank capacity	L	120

### Lubrication system

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

### Cooling system

Coolant capacity	L	21.9
Thermostat operation range	°C	76-88
Max water temperature	°C	98

### Alternator

Model	ON-60
Phase	3
Voltage	V 220/380
Wiring Type	3 wire
Bearing	1
Power factor	0.8
Frequency	Hz 50
Prime power	KVA 60
Exciter Type	Brushless, self-excitation
Voltage regulation	% ±0.5
Protection Grade	IP 23
Insulation grade	H/H
Altitude	m ≤1000

### Controller

Model	DSE6120MK3
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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

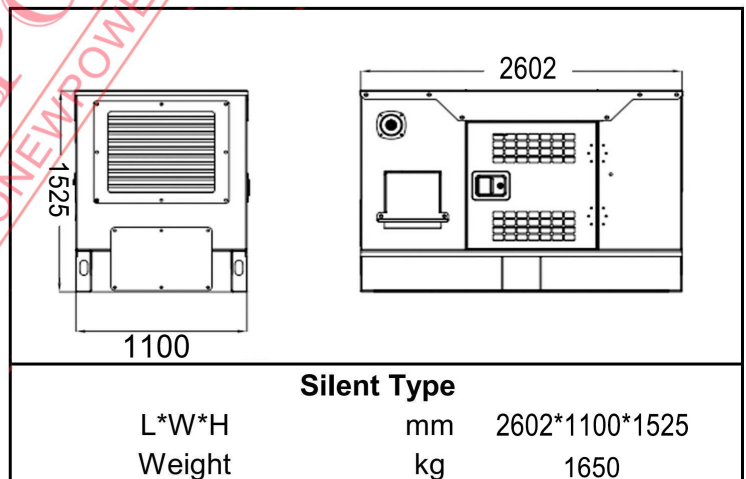
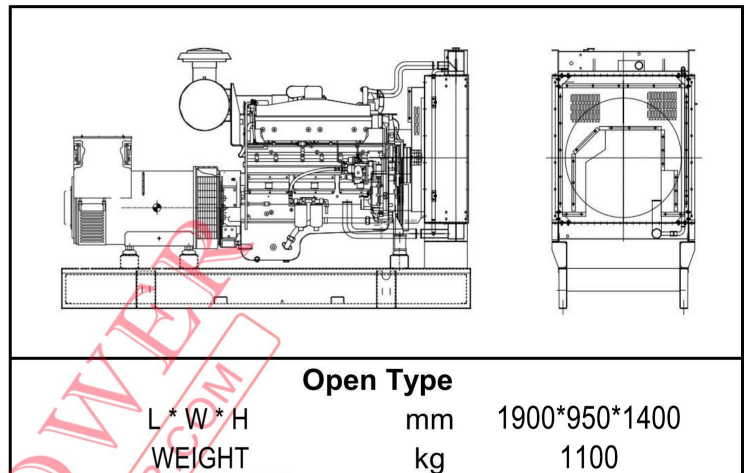
### CUMMINS ENGINE

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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