

ON-1000

Power by CUMMINS

KTA50-G3

Prime power: 1000KW/1250KVA

Standby power: 1100KW/1375KVA

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

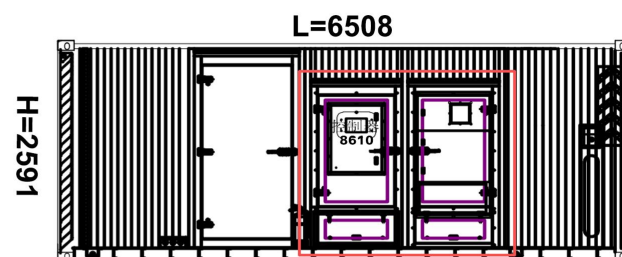
The compact and robust design with integrated transport features enables faster and safer transport and installation.

Reduced service & maintenance costs

Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.



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DIMENSION		OPEN TYPE		SILENT TYPE
	Length (L)	mm	4960	6058
	Width (W)	mm	2060	2438
	Height (H)	mm	2250	2591
	Dry weight	kg	10390	12400
	Fuel tank	L	TBD	1000

Technical Data

Model ON-1000

Rated prime power	KW	1000
Rated standard power	KW	1100
Rated voltage line to line	V	230/400

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

Model	KTA50-G3	
Aspiration	Turbochargine and intercooling	
Fuel system	mechanical pump	
No. cylinders	16	
Displacement	Liquid	50.3
Bore*Stroke	mm	159*159
Compression ratio	13.9:1	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	1020
Governor type	Electronic	

Exhaust system

Exhaust gas flow	4529L/S	
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	1643

Fuel system

100% load(Prime power)	L/h	254
75% load(Prime power)	L/h	195
50% load(Prime power)	L/h	138
Fuel tank capacity	L	1000

Lubrication system

Oil capacity	L	177
Oil consumption	g/kwh	28.3
Oil pressure	kPa	10
(continuous operation)		

Cooling system

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

Alternator

Model	404-G1000	
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Phase	3	
Voltage	V	230/400

Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KW	1000
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

Controller

Model	DSE8610	
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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

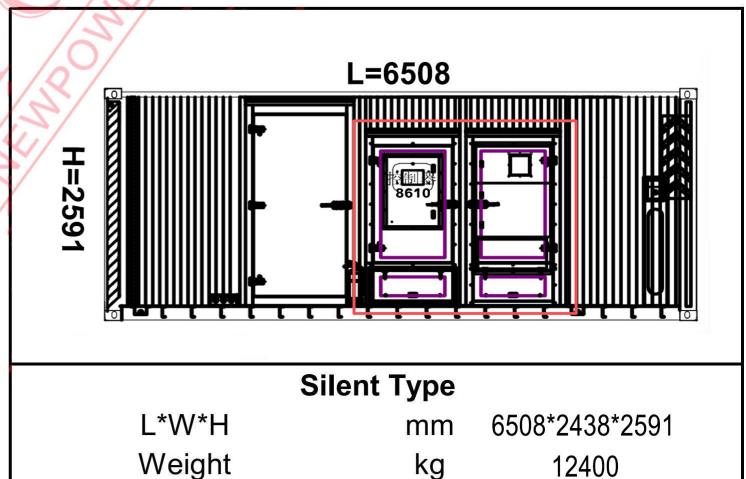
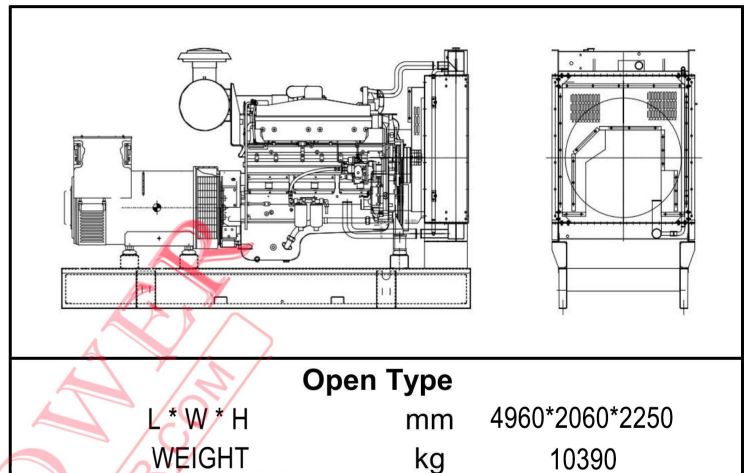
CUMMINS ENGINE

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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