

# 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.

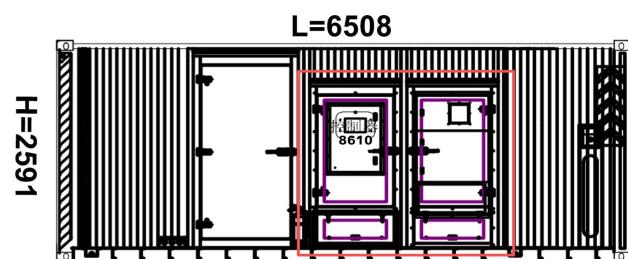
#### **Reduced service & maintenance costs**

Longer service intervals.  
Quicker and more efficient service jobs.



#### **Premium resale value**

Designed and built to last.



# ONEPOWER

[WWW.ONEPOWER.COM](http://WWW.ONEPOWER.COM)

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		Alternator				
Rated prime power	KW	1000	Model		404-G1000				
Rated standard power	KW	1100	Phase		3				
Rated voltage line to line	V	230/400	Voltage	V	230/400				
Maximum sound level	dB(@7m)	≤ 72	Bearing		1				
<b>Engine</b>			Power factor		0.8				
Model	KTA50-G3		Frequency	Hz	50				
Aspiration	Turbocharge and intercooling		Prime power	KW	1000				
Fuel system	mechanical pump		Exciter Type	Brushless, self-excitation					
No. cylinders		16	Voltage regulation	%	±0.5				
Displacement	Liquid	50.3	Protection Grade	IP 23					
Bore*Stroke	mm	159*159	Insulation grade	H/H					
Compression ratio		13.9:1	Altitude	m	≤1000				
Rated speed	r/min	1500	<b>Controller</b>						
Rated net power(with fan)	Kw	1020	Model	DSE8610					
Governor type		Electronic	Protective functions:						
<b>Exhause system</b>			<ul style="list-style-type: none"> <li>■ Low oil pressure</li> <li>■ High water temperature</li> <li>■ High/low voltage</li> <li>■ High Engine Temperature and Overspeed.</li> <li>■ Voltage regulator frequency regulator</li> <li>■ Emergency stop</li> <li>■ Start failure</li> </ul>						
Exhause gas flow	4529L/S								
Exhause gas temp	° F (° C)	<500							
Max back pressure		10KPA							
<b>Aspiration system</b>									
Max inlet pressure	kPa	≤3.5							
Combustion volume	L/s	/							
Air flow	L/sec	1643							
<b>Fuel system</b>									
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							
<b>Lubrication system</b>			<b>Control Module Options</b>						
Oil capacity	L	177							
Oil consumption	g/kwh	28.3							
Oil pressure	kPa	10							
(continuous operation)									
<b>Cooling system</b>			 						
Coolant capacity	L	TBD	<ul style="list-style-type: none"> <li>■ Auto generator control module</li> <li>■ Control module with "Three Remote Control" functions</li> <li>■ ATS auto load transfer screen</li> <li>■ Synchronising control modules</li> <li>■ Power output cabinet</li> </ul>						
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

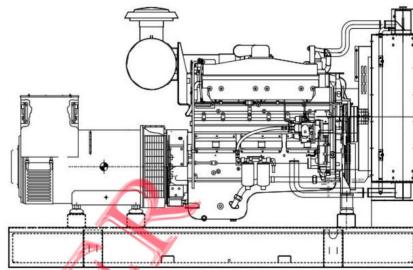
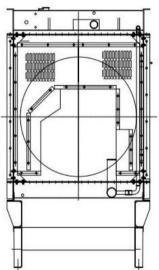
### CUMMINS ENGINE

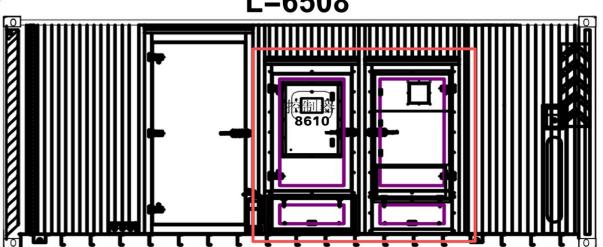
12 months from date of purchase and 1000 hours.

### Generator

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

## Dimensions

	
<b>Open Type</b>	
L * W * H	mm 4960*2060*2250
WEIGHT	kg 10390

	
<b>Silent Type</b>	
L * W * H	mm 6508*2438*2591
Weight	kg 12400

# ONEPOWER

ADD: NO . 1 0 7 XIYUAN ROAD , JINAN DISTRICT,  
FUZHOU CITY, FUJIAN, CHINA  
Phone: 15980204507 E-mail: jina@onepower.com  
WWW.ONEPOWER.COM

