

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.

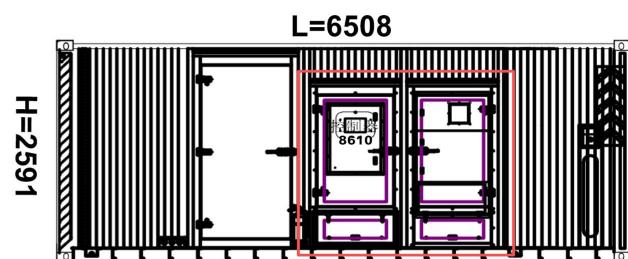


Reduced service & maintenance costs

Longer service intervals.
Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.



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

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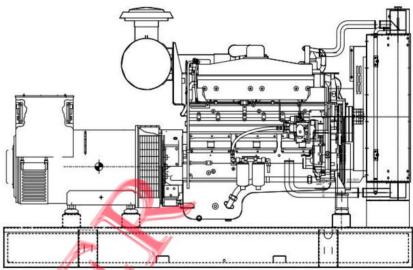
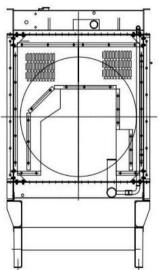
Technical Data

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	
Engine			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	Controller			
Rated net power(with fan)	Kw	1020	Model	DSE8610		
Governor type		Electronic	Protective functions:			
Exhause system			<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 			
Exhause gas flow	4529L/S					
Exhause 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			Control Module Options			
Oil capacity	L	177				
Oil consumption	g/kwh	28.3				
Oil pressure	kPa	10				
(continuous operation)						
Cooling system			 			
Coolant capacity	L	TBD	<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 			
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

Dimensions

	
Open Type	
L * W * H	mm 4960*2060*2250
WEIGHT	kg 10390

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: ○

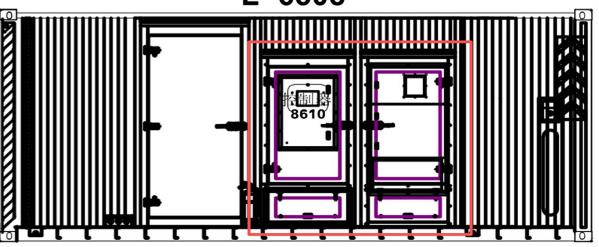
Warranty

CUMMINS ENGINE

12 months from date of purchase and 1000 hours.

Generator

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

	
Silent Type	
L*W*H	mm 6508*2438*2591
Weight	kg 12400

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