

# ON-1000

Power by CUMMINS

# KTA38-G5

Prime power: 800KW/1000KW

Standby power: 880KW/1100KVA

## 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

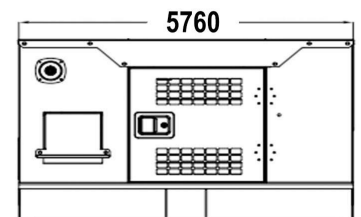
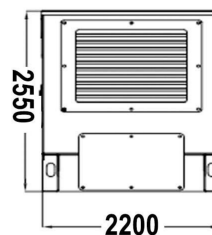
The compact and robust design with integrated transport features enables faster and safer transport and installation.

### 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	4500	5760
Width (W)	mm	2200	2200
Height (H)	mm	2655	2550
Dry weight	kg	9000	11000
Fuel tank	L	TBD	TBD

# ONEWPOWER

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## Technical Data

### Model ON-1000

Rated prime power	KW	800
Rated standard power	KW	880
Rated voltage line to line	V	380~415
Maximun sound level	dB(@7m)	≤72

### Engine

Model		KTA38-G5
Aspiration		Turbocarged , Aftercooled
Fuel system		Dircet injection
No. cylinders		12
Displacement	Liquid	37.8
Bore*Stroke	mm	159*159
Compression ratio		13.9:1
Rated speed	r/min	1500
Rated net power(with fan)	Kw	880
Governor type		Electronic

### Exhaust system

Exhaust gas flow		3306 L/S
Exhaust gas temp	° F (° C)	<513
Max back pressure		10KPA

### Aspiration system

Max inlet pressure	kPa	≤3.5
Combustion volume	L/s	/
Air flow		1213L/S

### Fuel system

100% load(Prime power)	L/h	209
75% load(Prime power)	L/h	161
50% load(Prime power)	L/h	113
Fuel tank capacity	L	TBD

### Lubrication system

Oil capacity	L	135
Oil consumption	g/kwh	28.3
Oil pressure	kPa	10
(continuous operation)		

### Cooling system

Coolant capacity	L	199
Thermostat operation range	°C	76-88
Max water temperature	°C	98

### Alternator

Model		ON-1000
Phase		3
Voltage	V	380~415
Bearing		1
Power factor		0.8
Frequency	Hz	50
Prime power	KW	800
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±1.0
Protection Grade		IP 23
Insulation grade		H/H
Altitude	m	≤1000

### Controller

- Model
- 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

