

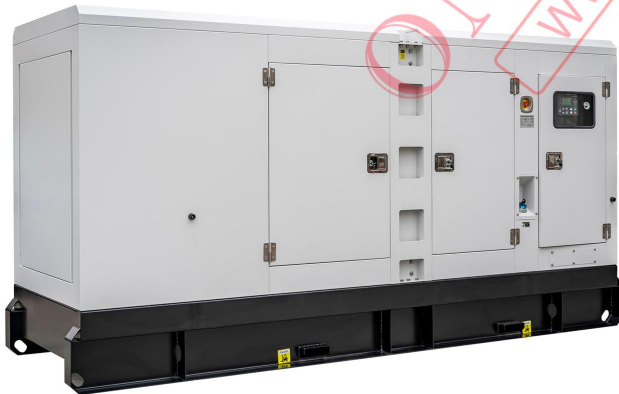
ON-1000

Power by Perkins

4008TAG2A

Prime power: 800KW/1000KVA
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

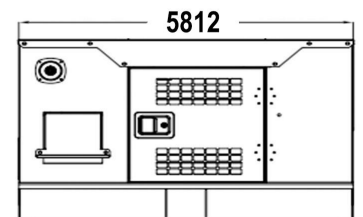
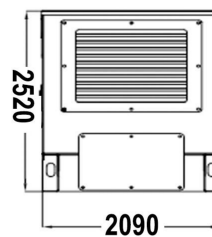
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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	4148	5812
	Width (W)	mm	1727	2090
	Height (H)	mm	2124	2520
	Dry weight	kg	6000	9780
	Fuel tank	L	1000	1000

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		4008TAG2A
Aspiration		Turbocharged
Fuel system		mechanical pump
No. cylinders		8
Displacement	Liquid	30.561
Bore*Stroke	mm	160*190
Compression ratio		13.6:1
Rated speed	r/min	1500
Rated net power(with fan)	Kw	880
Governor type		Electronical

Exhaust system

Exhaust gas flow		200 m³/min
Exhaust gas temp	° F (° C)	<438
Max back pressure		816 mm

Aspiration system

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

Fuel system

100% load(Prime power)	L/h	213
75% load(Prime power)	L/h	160
50% load(Prime power)	L/h	108
Fuel tank capacity	L	1000

Lubrication system

Oil capacity	L	153
Oil consumption	g/kwh	28.3
Oil pressure	kPa	10
(continuous operation)		

Cooling system

Coolant capacity	L	143
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

