

ON-9

Power by Perkins

403A-11G1

Prime power: 7KW/9KVA
Standby power: 8KW/10KVA

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

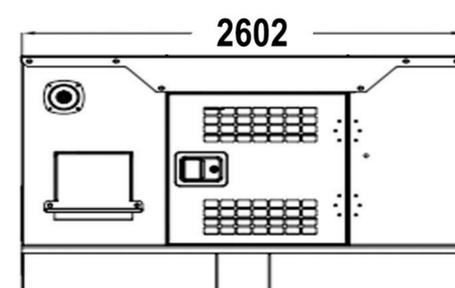
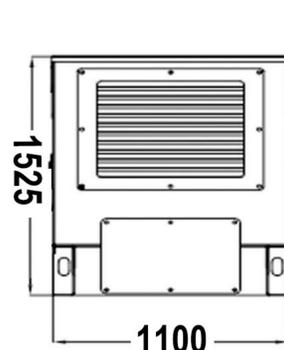
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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	1620	2602
Width (W)	mm	950	1100
Height (H)	mm	1400	1525
Dry weight	kg	950	1500
Fuel tank	L	100	100

Technical Data

Model		ON-9
Rated prime power	KW	7
Rated standard power	KW	8
Rated voltage line to line	V	380~415
Maximum sound level	dB(@7m)	≤72

Engine		
Model		403A-11G1
Aspiration		Naturally aspirated
Fuel system		mechanical pump
No. cylinders		3
Displacement	Liquid	1.131
Bore*Stroke	mm	77*81
Compression ratio		23:1
Rated speed	r/min	1500
Rated net power(with fan)	Kw	8
Governor type		Mechanical

Exhaust system		
Exhaust gas flow		1.66 m ³ /min
Exhaust gas temp	° F (° C)	<368
Max back pressure		10. 2kPa

Aspiration system		
Max inlet pressure	kPa	≤3.5
Combustion volume	L/s	/
Air flow	L/sec	TBA

Fuel system		
100% load(Prime power)	L/h	2.6
75% load(Prime power)	L/h	2.0
50% load(Prime power)	L/h	1.5
Fuel tank capacity	L	100

Lubrication system		
Oil capacity	L	4.9
Oil consumption	g/kwh	28.3
Oil pressure	kPa	10
(continuous operation)		

Cooling system		
Coolant capacity	L	5.2
Thermostat operation range	°C	76-88
Max water temperature	°C	98

Alternator		
Model		ON-9
Phase		3
Voltage	V	380~415
Bearing		1
Power factor		0.8
Frequency	Hz	50
Prime power	KW	7
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

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

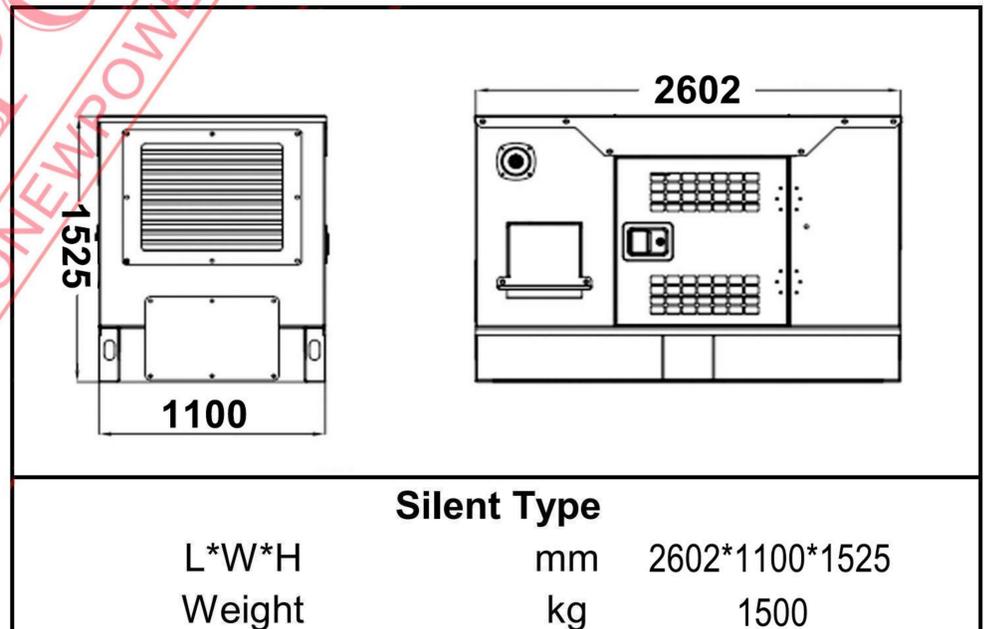
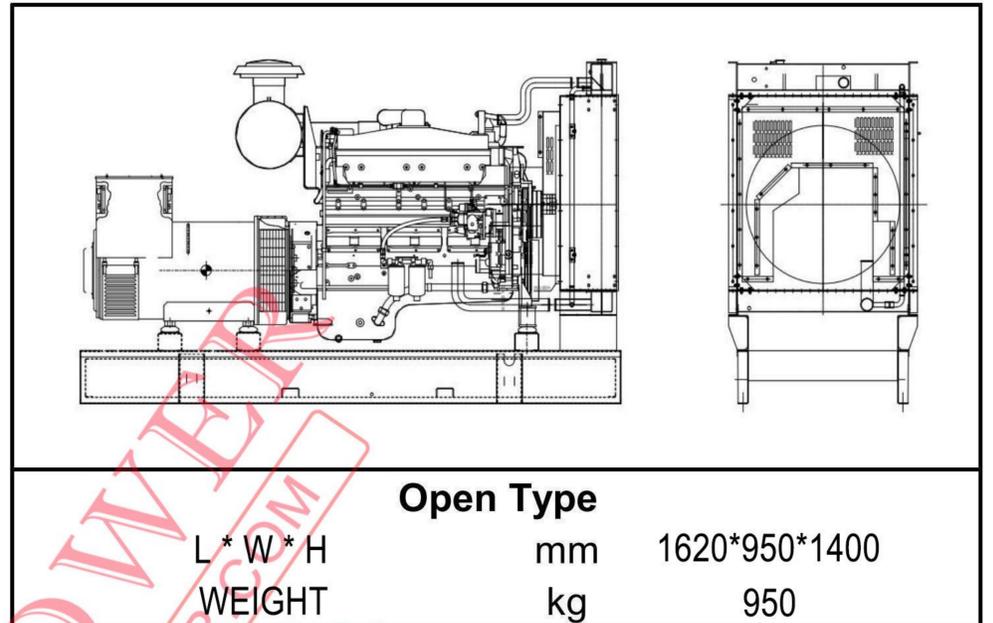
CUMMINS ENGINE

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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