

ON-25

Power by CUMMINS

4B3.9-G1

Prime power: 20KW/25KVA

Standby power: 22KW/27.5KVA

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

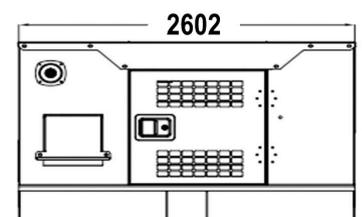
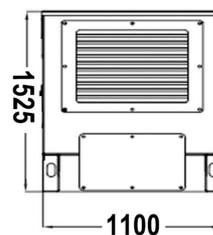
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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

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Technical Data

Model ON-25

Rated prime power	KW	20
Rated standard power	KW	22
Rated voltage line to line	V	380~415
Maximum sound level	dB(@7m)	≤72

Engine

Model	4B3.9-G1	
Aspiration	Naturally aspirated	
Fuel system	mechanical pump	
No. cylinders	4	
Displacement	Liquid	3.9
Bore*Stroke	mm	102*120
Compression ratio	17.3:1	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	22
Governor type	Mechanical	

Exhaust system

Exhaust gas flow		71L/S
Exhaust gas temp	° F (° C)	<410
Max back pressure		10KPA

Aspiration system

Max inlet pressure	kPa	≤3.5
Combustion volume	L/s	/
Air flow	L/sec	33

Fuel system

100% load(Prime power)	L/h	7.1
75% load(Prime power)	L/h	5.7
50% load(Prime power)	L/h	4.3
Fuel tank capacity	L	100

Lubrication system

Oil capacity	L	8
Oil consumption	g/kwh	28.3
Oil pressure	kPa	10
(continuous operation)		

Cooling system

Coolant capacity	L	10.9
Thermostat operation range	°C	76-88
Max water temperature	°C	98

Alternator

Model	ON-25	
Phase	3	
Voltage	V	380~415
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KW	20
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
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

