

ON-80

Power by CUMMINS

4BTA3.9-G11

Prime power: 64KW/80KVA

Standby power: 68KW/85KVA

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

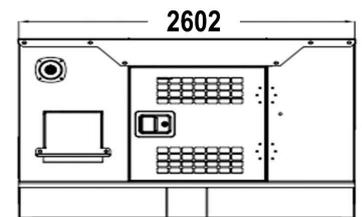
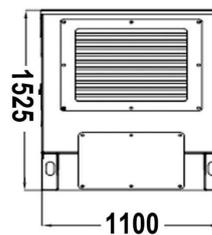
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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	1900	2602
Width (W)	mm	950	1100
Height (H)	mm	1400	1525
Dry weight	kg	1150	1650
Fuel tank	L	150	150

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Technical Data

Model ON-80

Rated prime power	KW	64
Rated standard power	KW	68
Rated voltage line to line	V	380~415
Maximun sound level	dB(@7m)	≤72

Engine

Model	4BTA3.9-G11	
Aspiration	Turbocharged and aftercooled	
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	68
Governor type	Electronic	

Exhaust system

Exhaust gas flow	134L/S	
Exhaust gas temp	° F (° C)	<548
Max back pressure	10KPA	

Aspiration system

Max inlet pressure	kPa	≤3.5
Combustion volume	L/s	/
Air flow	L/sec	70

Fuel system

100% load(Prime power)	L/h	17.6
75% load(Prime power)	L/h	13.2
50% load(Prime power)	L/h	9.1
Fuel tank capacity	L	150

Lubrication system

Oil capacity	L	10.9
Oil consumption	g/kwh	28.3
Oil pressure	kPa	10
(continuous operation)		

Cooling system

Coolant capacity	L	21.9
Thermostat operation range	°C	76-88
Max water temperature	°C	98

Alternator

Model	ON-80	
Phase	3	
Voltage	V	380~415
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KW	64
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 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 ●

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

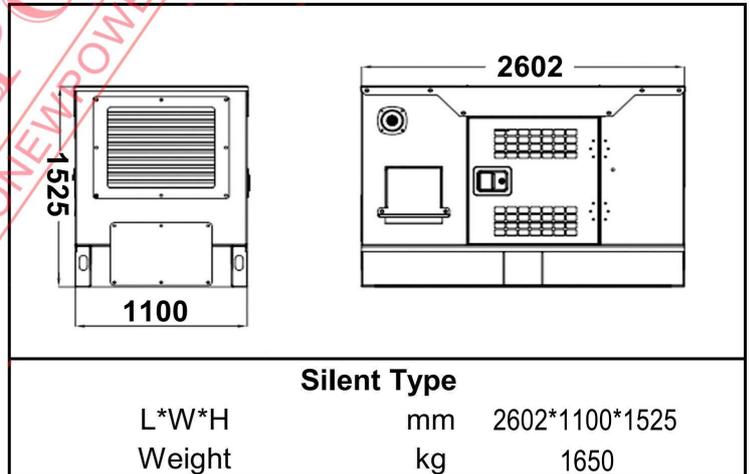
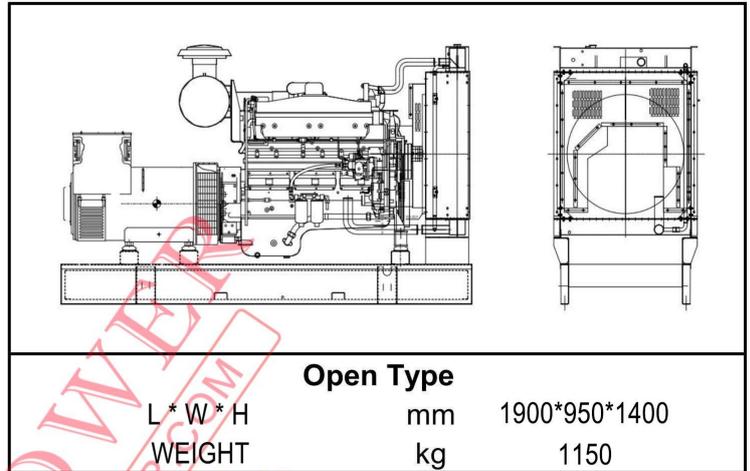
CUMMINS ENGINE

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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