

ON-125

Power by CUMMINS

6CTA8.3-G2

Prime power: 125KW/160KVA

Standby power: 140KW/176KVA

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

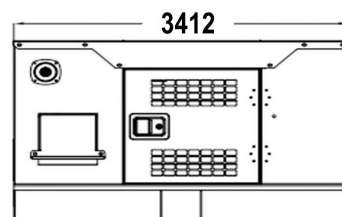
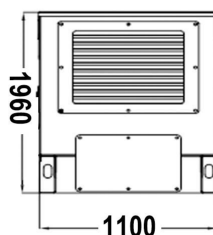
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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	2390	3412
	Width (W)	mm	1100	1100
	Height (H)	mm	1650	1960
	Dry weight	kg	2100	2600
	Fuel tank	L	350	350

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Technical Data

Model ON-125

Rated prime power	KW	125
Rated standard power	KW	140
Rated voltage line to line	V	230/400

Maximun sound level	dB(@7m)	≤ 72
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Engine

Model	6CTA8.3-G2	
Aspiration	Turbochargine and intercooling	
Fuel system	mechanical pump	
No. cylinders	6	
Displacement	Liquid	8.3
Bore*Stroke	mm	114*135
Compression ratio	17.3:1	
Rated speed	r/min	1500
Rated net power(with fan)	Kw	130
Governor type	mechanical speed governors	

Exhaust system

Exhaust gas flow	578L/S	
Exhaust gas temp	° F (° C)	<500
Max back pressure	10KPA	

Aspiration system

Max inlet pressure	kPa	≤3.5
Combustion volume	L/s	/
Air flow	L/sec	59

Fuel system

100% load(Prime power)	L/h	42
75% load(Prime power)	L/h	31
50% load(Prime power)	L/h	21
Fuel tank capacity	L	350

Lubrication system

Oil capacity	L	14
Oil consumption	g/kwh	2.7
Oil pressure	kPa	10
(continuous operation)		

Cooling system

Coolant capacity	L	12.3
Thermostat operation range	°C	76-88
Max water temperature	°C	98

Alternator

Model	274G-128	
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Phase	3	
Voltage	V	230/400
Wiring Type	3 wire	
Bearing	1	
Power factor	0.8	
Frequency	Hz	50
Prime power	KW	125
Exciter Type	Brushless, self-excitation	
Voltage regulation	%	±0.5
Protection Grade	IP 23	
Insulation grade	H/H	
Altitude	m	≤1000

Controller

Model	HGM6120	
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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

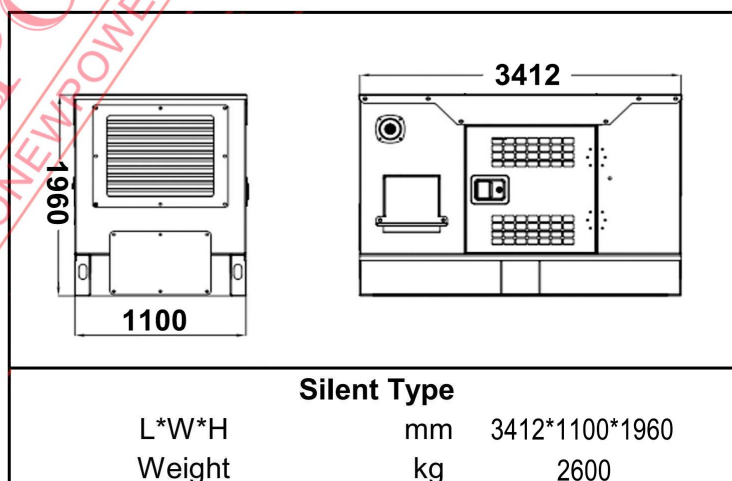
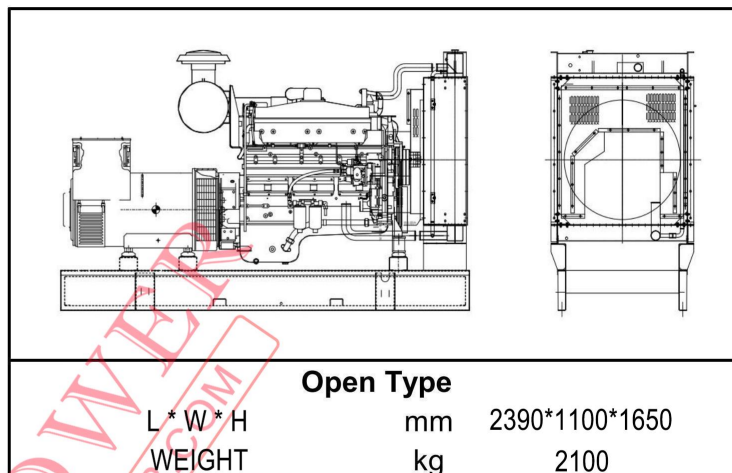
CUMMINS ENGINE

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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