

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

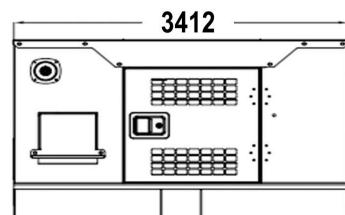
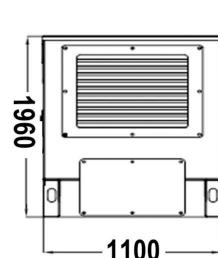
The compact and robust design with integrated transport features enables faster and safer transport and installation.

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		Alternator			
Rated prime power	KW	125	Model	274G-128		
Rated standard power	KW	140	Phase	3		
Rated voltage line to line	V	230/400	Voltage	230/400		
Maximum sound level	dB(@7m)	≤ 72	Wiring Type	3 wire		
Engine						
Model	6CTA8.3-G2		Bearing	1		
Aspiration	Turbocharge and intercooling		Power factor	0.8		
Fuel system	mechanical pump		Frequency	Hz 50		
No. cylinders	6		Prime power	KW 125		
Displacement	Liquid	8.3	Exciter Type	Brushless, self-excitation		
Bore*Stroke	mm	114*135	Voltage regulation	% ±0.5		
Compression ratio	17.3:1		Protection Grade	IP 23		
Rated speed	r/min	1500	Insulation grade	H/H		
Rated net power(with fan)	Kw	130	Altitude	m ≤1000		
Governor type	mechanical speed governors		Controller			
Exhause system						
Exhause gas flow	578L/S		Model	HGM6120		
Exhause gas temp	° F (° C)	<500	Protective functions:			
Max back pressure	10KPA		<ul style="list-style-type: none"> ■ Low oil pressure ■ High water temperature ■ High/low voltage ■ High Engine Temperature and Overspeed. ■ Voltage regulator frequency regulator ■ Emergency stop ■ Start failure 			
Aspiration system						
Max inlet pressure	kPa	≤3.5				
Combustion volume	L/s	7				
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				

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

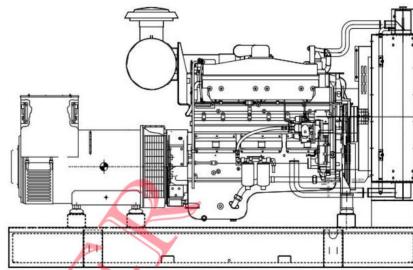
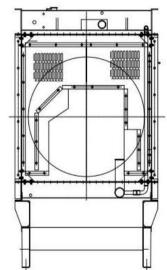
CUMMINS ENGINE

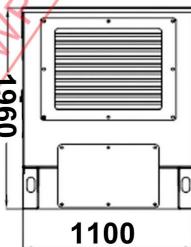
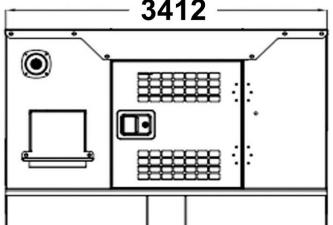
12 months from date of purchase and 1000 hours.

Generator

12 months from date of purchase or 1000 hours (whichever occurs first).

Dimensions

	
Open Type	
L * W * H	mm 2390*1100*1650
WEIGHT	kg 2100

	
Silent Type	
L * W * H	mm 3412*1100*1960
Weight	kg 2600

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