Atlas Copco Generators

Designed to perform, built to last

QAS 125 - 150

5 Key benefits

Performance - Accurate and stable power
- Carefully selected components
- Accurately developed and tested configuration

Versatility - Ability to power a wide range of applications
- Superior standard configuration
- Extensive option list

Service efficiency - Increased up-time
- 500 hours service interval
- Superior accessibility to all service points

Increased transport efficiency
- Compact and safe concept
- Sturdy design

Superior resale value
- Designed and built to last

Sustainable Productivity

Atlas Copco

Qc4002™ Control module

The Qc4002™ is our advanced control panel, amongst other features it allows for synchronisation between multiple generators or the mains.

Technical Data[1]

Type		QAS 125	QAS 150
		50Hz / 60Hz	50Hz / 60Hz
Rated speed	r/min	1500 / 1800	1500 / 1800
Rated power factor (lagging)		0.8	0.8
Rated prime power	kVA	125 / 131	150 / 156
Rated standby power	kVA	138 / 144	165 / 172
Rated voltage line to line	V	400 / 480	400 / 480
Rated current	A	180.4 / 162.4	216.5 / 187.9
Maximum sound power level (LWA) according to 2000/14/EC OND	dB(A)	97 / 99	97 / 99
Basic unit			
Fuel autonomy at full load	h	11.2 / 10.4	10 / 8.3
Capacity fuel tank (with optional 24 hours fuel tank)	l	313 (830)	313 (830)
Alternator - Leroy Somer			
Model		LSA 44.2 S7	LSA 44.2 M95
Degree of protection / Insulation class		IP 23/H	
Engine - Volvo			
Model		TAD730GE	TAD731GE
Rated net power (with fan)	kW	113 / 115	132 / 140
Number of cylinders		6	6
Coolant		liquid	
Aspiration		Turbocharged & Intercooled	
Displacement	l	7.15	
Unit dimensions (Basic unit)			
L x W x H	m	3.38 x 1.18 x 1.71	
Weight (dry)	kg	2178	2224
Weight (ready to operate)	kg	2486	2532
Unit dimensions (with optional 24h fuel tank)			
L x W x H	m	3.38 x 1.18 x 1.93	
Weight (dry)	kg	2583	2629
Weight (ready to operate)	kg	3349	3395

Built and tested to ISO 9001 quality assurance standards
Atlas Copco's stringent manufacturing standards follow ISO 9001 quality assurance regulations. All components are produced and tested to exacting standards for optimum performance in the most demanding conditions.

Prime Power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals and under the stated ambient conditions. A 10% overload is permitted for 1 hour in 12 hours. The permissible average power output during a 24h period shall not exceed the stated load factor of 70%.

[1] **Reference condition:**
For engine performance to ISO 3046/1-1995.
Air inlet temperature:
from -18°C to 40°C at 50 Hz
Maximum altitude above sea level:
without derating: 1000 m
with derating: 4000 m
Max. 50°C Air inlet temperature

Health, Safety and Environment

All generators meet current European requirements relating to the working environment and regulations concerning safety, exhaust emissions and noise. All models comply with the outdoor noise directive 2000/14/EC. Atlas Copco has fully implemented its Environmental Management System into the design and manufacture process of the machines fulfilling the requirements of ISO 14001.

Qc1002™ Control module Local/remote start

A comprehensive instrument panel enables all key operating functions to be supervised without opening the canopy. Protected by a tough transparent cover, the single panel provides easy start up and control of the generator. The panel also provides full system monitoring to ease operation.

Qc2002™ Control module Local/remote start/AMF start panel offering:

Next to local start and remote start also automatic mains failure (mains monitoring + automatic starting and stopping of the generator + automatic control of a panel with contactors to switch between generator and mains).

Standard features	QAS 125	QAS 150
Dual frequency (without 3 phase sockets)	●	●
Qc1002™ (over and undervoltage protection, remote start)	●	●
Battery switch	●	●
Sound attenuated and rugged Zincor steel enclosure	●	●
Spillage free frame (integrated forklift pockets, 110% containment)	●	●
Big doors & service plates for superior accessibility	●	●
External fuel tank connection	●	●
Dual stage heavy duty airfilter + safety cartridge	●	●
Dual stage fuel filter with water separation	●	●
Oil drain pump	●	●

Electrical options	QAS 125	QAS 150
Qc2002™ (AMF package + battery charger + coolant heater)	○	○
Qc4002™ (Paralleling & PMS package + battery charger + coolant heater)	○	○
IT-protection	○	○
3 Phase sockets configuration	○	○
1-phase socket 16 A (rim, pin or CEE version)	○	○
Neutral EDF	○	○
Cosmos™	○	○
Dual voltage variant with voltage selector switch	○	○
Battery charger	○	○
PMG alternator	○	○

Mechanical options	QAS 125	QAS 150
Quick couplings for external fuel tank connection	○	○
Frame with integrated 24-hours fuel tank	○	○
Trailer with road signalisation*	○	○
Refinery equipment (spark arresteor and air shut off valve)	○	○
Coolant heater	○	○
Customer colour	○	○

Standard : ● Option: ○ *Not in combination with 24 h fueltank

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