

Atlas Copco Generators

QAS, a benchmark for critical power



QAS 275-325

Durability

- Rugged Zincor steel coated canopy.
- Mounted on rugged skids.
- Designed for extreme weather conditions.
- A standard sealed spillage-free frame, which will ensure that all fluids can be retained within the frame, eliminates spillage problems.

Efficiency

- Increased up-time: carefully selected components and tested configuration.
- Genuine versatility: QAS 275-325 can power a wide variation of critical applications.
- Reduced cost of ownership: 500 hours service intervals, efficient transport handling.

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.



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.



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).

Technical Data ⁽¹⁾

Type		QAS 275		QAS 325	
		50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz	50Hz / 60Hz
Rated speed	r/min	1500 / 1800	1500 / 1800	1500 / 1800	1500 / 1800
Rated power factor (lagging)		0.8	0.8	0.8	0.8
Rated prime power	kVA	275 / 285	325 / 345	325 / 345	325 / 345
Rated standby power	kVA	303 / 314	358 / 380	358 / 380	358 / 380
Rated voltage line to line	V	400 / 480	400 / 480	400 / 480	400 / 480
Rated current	A	397 / 343	469 / 415	469 / 415	469 / 415
Maximum sound power level (LWA) according to 2000/14/EC OND	dB(A)	97 / -	97 / -	97 / -	97 / -

Basic unit					
Fuel autonomy at full load	h		10 / 9		9 / 8
Capacity fuel tank (with optional 24 hours fuel tank)	l		603 (1709)		603 (1709)

Alternator - Leroy-Somer					
Degree of protection / Insulation class					IP 23/H

Engine - Volvo					
Model		TAD940GE		TAD941GE	
Rated net power (with fan)	kW	241 / 248		280 / 296	
Number of cylinders				6	
Coolant				liquid	
Aspiration				Turbocharged & Intercooled	
Displacement	l			9.36	

Unit dimensions (Basic unit)					
L x W x H	m		4.02 x 1.39 x 2.02		
Weight (dry)	kg		3628		3768
Weight (ready to operate)	kg		4296		4386

Unit dimensions (with optional 24 hours fuel tank)					
L x W x H	m		4.02 x 1.39 x 2.31		
Weight (dry)	kg		3978		4118
Weight (ready to operate)	kg		5472		5612

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.

⁽¹⁾ Reference condition:
For engine performance to ISO 3046/1-1995.
Air inlet temperature:
from -18°C to 40°C at 50 Hz
35°C for QAS 325
Maximum altitude above sea level:
without derating: 1000 m
with derating:
4000 m
Max. 50°C Air inlet temperature

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Standard features	QAS 275	QAS 325
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 275	QAS 325
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	○	○

Mechanical options	QAS 275	QAS 325
Quick couplings for external fuel tank connection	○	○
Frame with integrated 24-hours fuel tank	○	○
Refinery equipment (spark arrestor and air shut off valve)	○	○
Customer colour	○	○

Standard : ● Option : ○