

Atlas Copco Generators

QAS, the benchmark for critical power in all conditions



QAS 250-325

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 250-325 can power a wide variation of critical applications.
- Reduced cost of ownership: 500 hrs service intervals, efficient transport handling.

Health, Safety and Environment

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.



Atlas Copco



Qc4001™ Control module

The Qc4001™ is our advanced control panel, amongst other features it allows for synchronisation between multiple generators or the mains.



Qc1002™ Control module Local/remotestart

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/remotestart/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 250 50Hz/60Hz	QAS 325 50Hz/60Hz
Rated speed	r/min	1500/1800	1500/1800
Rated power factor (lagging)		0.8	0.8
Rated prime power	kVA	250/293	325/345
Rated standby power	kVA	275/303	358/394
Rated voltage line to line	V	400/480	400/480
Rated current	A	361/352	469/415
Maximum sound power level (LWA) according to 2000/14/EC OND	dB(A)	97/101	98/102
Maximum sound pressure level at 7m and 75% load	dB(A)	70.1/73	71/73.9

Basic unit			
Fuel autonomy at full load	h	9.5/7.5	7.2/6.3
Capacity fuel tank	l	477	477

Alternator - Mecc-Alte			
Degree of protection / Insulation class		IP 21/H	

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

Unit dimensions (Basic unit)			
L x W x H	m	3.95 x 1.43 x 2.13	
Weight (dry)	kg	3754	3984
Weight (ready to operate)	kg	4154	4384

Built and tested to ISO 9001 quality assurance standards
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⁽¹⁾ Reference condition:

For engine performance to ISO 3046/1-1995.

Air inlet temperature from -18°C to 40°C
Maximum altitude above sea level:

without derating: 1000 m

with derating:

4000 m

Max. 50°C Air inlet temperature

Standard features	QAS 250	QAS 325
Qc1002™ (over and undervoltage protection, remote start)	●	●
Battery switch	●	●
Sound attenuated and rugged Zincor steel enclosure	●	●
Big doors & service plates for superior accessibility	●	●
Dual stage heavy duty airfilter	●	●
Dual stage fuel filter with water separation	●	●
Oil drain pump	●	●

Electrical options	QAS 250	QAS 325
Low voltage	—	○
Multi voltage with selector switch	○	○
Battery charger	○	○
Changeover contactors 400 A	○	—
Changeover contactors 500 A	—	○
Neutral EDF	○	○
1-phase socket 16 A (rim, pin or CEE version)	○	○
Dual frequency 50 Hz and 60 Hz	●	●
Paralleling device Qc4001™ with Automatic Mains Failure (AMF)	○	○
Automatic Mains Failure (AMF) Qc2002™	○	○
Cosmos™	○	○

Mechanical options	QAS 250	QAS 325
External fuel tank connection	○	○
Spillage-free skid	○	○
Coolant heater	○	○
Customer colour	○	○

Standard ● Option ○ Not available —