

# Atlas Copco Generators

## Designed to perform, built to last



## QAS 14-40 FLX (50Hz)

Powered by



### 5 Key benefits

#### Performance -

**Accurate and stable power regardless of the conditions**

- Carefully selected components
- Accurately developed and tested configuration

#### Versatility - Ability to power a wide range of applications

- Solid standard configuration
- Extensive option list

#### Service efficiency - Increased up-time

- 250 hrs 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**

**Type****QAS 14****50 Hz**

		3 ph	1ph
Rated speed	r/min	1500	
Rated power factor (lagging)		0.8	1
Rated prime power <sup>(1)</sup>	kVA	13.7	10
	kW	11	10
Rated standby power	kVA	15	11
Rated voltage (line to line)	V	400	230
Rated current	A	19.8	43.5
Maximum sound power level (LWA) according to 2000/14/EC OND	dB(A)	89	
Fuel autonomy at full load - standard frame	Hours	13.1	
Fuel autonomy at full load - 24 hours skid fuel tank	Hours	30.6	
Fuel consumption at full load	Liters / hour	3.5	
Capacity fuel tank - standard frame	Liters	46	
Capacity fuel tank - 24 hours skid fuel tank	Liters	107	

**Engine - KUBOTA****QAS 14****QAS 20****QAS 30****QAS 40**

Model		D1703M-BG	V2403M-BG	V3300DI	V3800DI-T
Rated net power at 1500rpm	kW	12.8	18.8	27	38
Number of cylinders		3	4	4	4
Coolant		PAR cool	PAR cool	PAR cool	PAR cool
Aspiration		Natural	Natural	Natural	Turbo charged
Displacement	Liters	1.7	2.4	3.3	3.8

**Alternator - Leroy Somer**

Model	LSA40 S3	LSA 40M5	LSA42.2 L9	LSA 43.2 S15
Degree of protection / Insulation class	IP 23 / H			

**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.



QAS 20		QAS 30		QAS 40	
50 Hz		50Hz		50Hz	
3 ph	1ph	3 ph	1ph	3 ph	1ph
1500		1500		1500	
0.8	1	0.8	1	0.8	1
20	14	30	18	40	26
16	14	24	18	32	26
22	15.4	33	20	45	29
400	230	400	230	400	230
28.6	60.9	43.6	80.4	57.7	115.9
90		93		92	
9.4		13.6		10.5	
21.8		36.5		28.1	
4.9		6.9		8.8	
46		102		102	
107		274		274	

Dimensions (L x W x H)		QAS 14	QAS 20	QAS 30	QAS 40
Basic unit - skid	m	1.78 x 0.85 x 1.17		2.10 x 0.95 x 1.17	
Basic unit - 24 hours skid fuel tank	m	1.78 x 0.85 x 1.17		2.10 x 0.95 x 1.37	
Trailer mounted	m	3.11 x 1.36 x 1.53		3.25 x 1.43 x 1.53	

Weight - ready-to-operate		QAS 14	QAS 20	QAS 30	QAS 40
Basic unit - standard frame	kg	706	764	986	1048
Basic unit - 24 hours skid fuel tank	kg	780	838	1213	1275
Trailer mounted	kg	1011	1069	1261	1323

**(1) Reference conditions:**

For engine performance to ISO 3046/1-1995.  
Air inlet temperature from -18°C to 50°C  
Maximum altitude above sea level: 4000 m

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 100%.



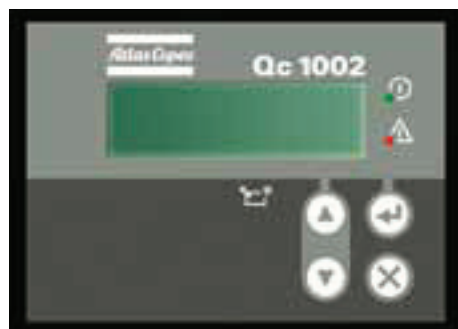
Electrical options	QAS 14-20-30-40
Qc2002™ (AMF)	●
Battery charger	●
Battery switch	●
PMG alternator (for QAS 40 only)	●
Earth leakage relay	●
Extra alternator winding protection	●
Cosmos™	●

Mechanical options	QAS 14-20-30-40
External fuel tank connection (EFT)	●
Quick couplings for external fuel tank connection	●
Trailer + towing eye	●
Spillage-free frame (110% containment)	●
24 hours skid fuel tank	●
Spark arrestor	●
Coolant heater	●
Air inlet shutdown valve	●
Heavy duty dual stage-airfiltration with safety cartridge	●
Dual stage fuel filtration with water separator	●
Customer colour (RAL)	●

Option: ● Not available: –

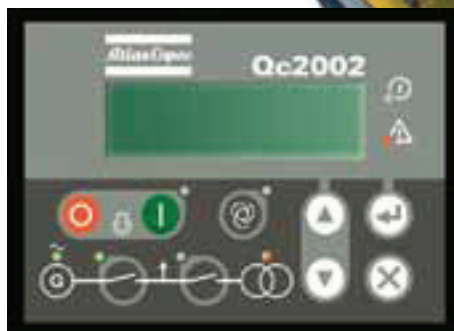
### Standard features

- Digital controller Qc1002 with over-under voltage frequency protection
- Terminal board (TNS configuration)
- 4 poles main circuit breaker (B curve)
- Electric cubicle with dedicated door
- Sound attenuated and rugged Zincor steel enclosure
- Big doors & service plates for superior accessibility
- Rigid lifting beam with eye in center of gravity
- Electronic engine
- 250 h. Service intervals
- 8 hours fuel autonomy
- Single stage air filtration
- Single stage fuel filtration



**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

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).



Use only authorized parts. Warranty or Product Liability does not cover any damage or malfunction caused by the use of unauthorized parts.