

# Atlas Copco Generators

## Designed to perform, built to last.



## QAS 60-80-100



### 5 Key benefits

#### Performance -

##### Accurate and stable power regardless of conditions

- 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 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*

# Technical Data <sup>(1)</sup>

Type	QAS 60		QAS 80		QAS 100		
	50 Hz	60Hz (2)	50 Hz	60Hz (2)	50Hz	60Hz (2)	
Rated speed	r/min	1500	1800	1500	1800	1500	1800
Rated power factor (lagging)		0.8	0.8	0.8	0.8	0.8	0.8
Rated prime power (1)	kVA	60	68	80	91	100	115
	kW	48	54.6	64	73	80	92
Rated standby power	kVA	66.7	75	88	100	112	127
Rated voltage (line to line)	V	400	480	400	480	400	480
Rated current	A	84.9	82.2	115.5	109.5	144.3	138.3
Maximum sound power level (LWA) according to 2000/14/EC OND	dB(A)	87	90	92	95	92	95
Maximum sound pressure level at 7m and 75% load	dB(A)	62	65	67	70	67	70
Fuel autonomy at full load - standard frame	Hours	16.5	14.7	13.5	11.5	10.5	9
Fuel autonomy at full load - high frame	Hours	39	34.9	32	27	24.5	21.8
Fuel consumption at full load	Liters / hour	14	15.6	17	20	22	25
Capacity fuel tank - standard frame	Liters	230					
Capacity fuel tank - high frame	Liters	545					

Engine - PERKINS		QAS 60	QAS 80	QAS 100
Model		1104C-44TG3	1104C-44TAG1	1104C-44TAG2
Rated net power at 1500rpm	kW	53	71	89
Rated net power at 1800rpm	kW	61	80	100
Number of cylinders		4	4	4
Coolant		Parcool	Parcool	Parcool
Aspiration		Turbo	Turbo Intercooled	Turbo Intercooled
Displacement	Liters	4.4	4.4	4.4

Alternator - STAMFORD		QAS 60	QAS 80	QAS 100
Model		UCI224-E	UCI224-G	UCI-274-C
Degree of protection / Insulation class		IP23 / H		

Weight - ready-to-operate		QAS 60	QAS 80	QAS 100
Basic unit - standard frame	kg	1805	1925	1950
Basic unit - high frame	kg	2155	2275	2300
Trailer mounted	kg	2195	2315	2340

Electrical options	QAS 60	QAS 80	QAS 100
Qc1002™ (remote start)	○	○	○
Qc2002™ (AMF)	○	○	○
Qc4002 (Paralell)	○	○	○
Battery charger	○	○	○
Coolant heater	○	○	○
Battery switch	○	○	○
IT-protection	○	○	○
Neutral EDF	○	○	○
3 Phase sockets (1 x CEE63A + 1 x CEE32A + 1 x CEE16A)	○	○	○
3 Phase sockets (2 x CEE63A + 1 x CEE32A + 1 x CEE16A)	○	○	○
3 Phase sockets (1 x CEE125A + 1 x CEE63A + 1 x CEE32A + 1 x CEE16A)	○	○	○
1-phase socket 16 A (rim, pin or CEE version)	○	○	○
Electronic governor	○	●	●
Cosmos™	○	○	○
Multi voltage variants with selector switch (*)	○	○	○
Dual frequency 50/60Hz with selector switch	○	○	○
Wireless remote start (*)	○	○	○

Mechanical options	QAS 60	QAS 80	QAS 100
External fuel tank connection (EFT)	○	○	○
Quick couplings for external fuel tank connection	○	○	○
Trailer with adjustable towbar and road signalisation	○	○	○
Towing eye (DIN, NATO, Ball, ITA, ISO, BNA)	○	○	○
High frame (longer fuel autonomy >24h)	○	○	○
Spark arrester	○	○	○
Customer colour (RAL)	○	○	○

(\*) availability to be advised

Option: ○ / Standard feature: ●

## (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

## (2) 60Hz available as dual frequency variant

## 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.

## Dimensions (L x W x H) QAS 60 - 80 - 100

Basic unit - skid	m	2,85 x 1,1 x 1,5
Basic unit - high frame	m	2,85 x 1,1 x 1,62
Trailer mounted	m	5,02 x 1,67 x 2,13

## Standard features

- Digital controller Qc1002™ with over- and under voltage protection
- Earth leakage relay with earth pin
- Terminal board
- 4 poles main circuit breaker (B curve – 3P + N on QAS 100)
- IP54 electric cubicle with dedicated door
- Sound attenuated and rugged Zincor steel enclosure
- Big doors & service plates for superior accessibility
- Spillage free frame (integrated forklift pockets, 110% containment)
- Rigid lifting beam with eye in center of gravity
- EU emission compliant engine
- Dual stage heavy duty airfilter with safety cartridge
- Dual stage fuel filter system with water separation
- High capacity metal fuel tank with integrated cleaning and draining points