

Atlas Copco Generators

Designed to perform, built to last



QAS 14-40

Powered by

Kubota



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

- 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

Type		QAS 14			
		50 Hz		60Hz ⁽²⁾	
		3 ph	1ph	3 ph	1ph
Rated speed	r/min	1500		1800	
Rated power factor (lagging)		0.8	1	0.8	1
Rated prime power ⁽¹⁾	kVA	13.7	10	16.3	12.7
	kW	10.9	10	13.0	12.7
Rated standby power	kVA	15	11	17.9	14
Rated voltage (line to line)	V	400	230	480	240
Rated current	A	19.7	43.5	19.6	52.8
Maximum sound power level (LWA) according to 2000/14/EC OND	dB(A)	86		90	
Fuel autonomy at full load - standard frame	Hours	33		26.7	
Fuel autonomy at full load - high frame	Hours	-		-	
Fuel consumption at full load	Liters / hour	3.0		3.7	
Capacity fuel tank - standard frame	Liters	115			
Capacity fuel tank - high frame	Liters	-			

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
Rated net power at 1800rpm	kW	15.1	22.1	-	-
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		60Hz ⁽²⁾		50Hz		60Hz ⁽²⁾⁽³⁾		50Hz		60Hz ⁽¹⁾⁽²⁾	
3 ph	1ph	3 ph	1ph	3 ph	1ph	3 ph	1ph	3 ph	1ph	3 ph	
1500		1800		1500		1800		1500		1800	
0.8	1	0.8	1	0.8	1	0,8		0.8	1	0,8	
20	13.3	24.2	16.7	30	21	34.4		40	26.7	48.3	
16	13.3	19.4	16.7	24	21	27.5		32	26.7	38.6	
22	14.6	25.6	18.4	33	23.1	37.8		44	29.4	53.1	
400	230	480	240	400	230	480		400	230	480	
28.9	55.6	29.1	69.4	43.4	91.3	41.4		57.7	115.9	58.1	
88		92		91		93		89		89	
23.5		21.5		13.2		11.7		10.2		8.5	
-		-		36.6		36.6		29.4		29.4	
4.2		4.6		5.98		6.76		7.76		9.35	
115				92				92			
-				257				257			

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 - high frame	m	-		2.10 x 0.95 x 1.37	
Trailer mounted (max. - min. length)	m	(3.59 - 3.45) x 1.41 x 1.74		(3.90 - 3.76) x 1.51 x 1.74	

Weight - ready-to-operate		QAS 14	QAS 20	QAS 30	QAS 40
Basic unit - standard frame	kg	766	824	986	1048
Basic unit - high frame	kg	-	-	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

(2) 60Hz available as dual frequency variant

(3) dual frequency availability to be advised

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	QAS 30-40
Qc1002™ (remote start)	●	●
Qc2002™ (AMF)	●	●
Battery charger	●	●
Coolant heater	●	●
Battery switch	●	●
IT-protection	●	●
Neutral EDF	●	●
3 Phase sockets (1 x CEE32A + 1 x CEE16A)	●	–
3 Phase sockets (1 x CEE63A + 1 x CEE32A + 1 x CEE16A)	–	●
1-phase socket 16 A (rim, pin or CEE version)	●	●
Cosmos™	●	●
Single phase variant	●	–
Multi voltage variants with selector switch	●	●
Dual frequency 50/60Hz with selector switch	●	● a)
Wireless remote start	●	●

Mechanical options	QAS 14-20	QAS 30-40
External fuel tank connection (EFT)	●	●
Quick couplings for external fuel tank connection	●	●
Trailer with adjustable towbar and road signalisation	●	●
Towing eye (DIN, AC, NATO, Ball)	●	●
High frame (longer fuel autonomy >24h)	–	●
Spark arrester	●	●
Synthetic oil first filling (cold start)	●	●
Customer colour (RAL)	●	●

Option: ● Not available: –
a) availability to be advised

Standard features

- Digital controller Qc1002 / Qc2002 with over-under voltage frequency protection
- Earth leakage relay with earth pin
- Terminal board (TNS configuration)
- 4 poles main circuit breaker (B curve)
- IP54 electric cubicle with dedicated door
- Sound attenuated and rugged Zincor steel enclosure
- Big doors & service plates for superior accessibility
- Spillage free wider frame (integrated forklift pockets, 110% containment)
- Rigid lifting beam with eye in center of gravity
- Electronic engine, EU emission compliant
- Dual stage heavy duty airfilter
- Dual stage fuel filter system with water separation
- High capacity plastic fuel tank with dedicated cleaning window and draining point
- 500 h. Service intervals
- Extended warranty conditions



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).