

# Atlas Copco Generators

## Designed to perform, built to last



## QAS 15-45 FLX (60Hz)

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

- 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 15		
		3 ph	3 ph
Rated speed	r/min	1800	
Rated power factor (lagging)		0.8	0.8
Rated prime power <sup>(1)</sup>	kVA	16.3	16.3
	kW	13.0	13.0
Rated standby power	kVA	17.9	17.9
Rated voltage (line to line)	V	480	220
Rated current	A	23.5	42.8
Maximum sound power level (LWA) according to 2000/14/EC OND	dB(A)	91	
Fuel autonomy at full load - standard frame	Hours	10.7	
Fuel autonomy at full load - 24 hours skid fuel tank	Hours	24.9	
Fuel consumption at full load	Liters / hour	4.3	
Capacity fuel tank - standard frame	Liters	46	
Capacity fuel tank - 24 hours skid fuel tank	Liters	107	

Engine - KUBOTA		QAS 15	QAS 24	QAS 35	QAS 45
Model		D1703M-BG	V2403M-BG	V3300DI	V3800DI-T
Rated net power at 1800rpm	kW	15.1	22.1	30.7	43.4
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 24		QAS 35		QAS 45	
60Hz		60Hz		60Hz	
3 ph	3 ph	3 ph	3 ph	3 ph	3 ph
1800		1800		1800	
0.8	0.8	0.8	0.8	0.8	0.8
24.2	23	34.5	34.5	48.3	48.3
19.4	18.4	27.6	27.6	38.6	38.6
26.6	25.3	37.8	37.8	53.1	53.1
480	220	480	220	480	220
29.1	60.4	41.4	90.5	58.1	124.7
94		95		94	
8.7		12		8.7	
20.2		32.2		23.3	
5.3		6.9		8.8	
46		102		102	
107		274		274	

Dimensions (L x W x H)		QAS 15	QAS 24	QAS 35	QAS 45
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 15	QAS 24	QAS 35	QAS 45
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 15-24-35-45
Qc2002™ (AMF)	●
Battery charger	●
Battery switch	●
PMG alternator (for QAS 45 only)	●
Earth leakage relay	●
Extra alternator winding protection	●
Cosmos™	●

Mechanical options	QAS 15-24-35-45
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).

