

# Atlas Copco Generators

Light portable power



## QAX 12-60 (50 Hz)

### Durability

- Is extremely sturdy and robust in order to withstand rough handling, typical of construction sites.
- Is produced from Zincor steel with a powder coat finish.
- 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.
- Reduced cost of ownership: 500 hrs service intervals.



*Atlas Copco*

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

Model	QAX 12		QAX 20	QAX 30	QAX 40	QAX 60
	400V - 3PH	230V - 1PH	400V - 3PH	400V - 3PH	400V - 3PH	400V - 3PH
Configuration						
Rated speed	r/min	1500	1500	1500	1500	1500
Rated power factor - lagging		0.8	1	0.8	0.8	0.8
Rated apparent power - PRP	kVA	12	10.1	20	30	60
Rated active power - PRP	kW	9.6	10.1	16.0	24	48
Rated Voltage line to line	V	400	230	400	400	400
Rated Current	A	17.3	43.9	28.9	43.3	87
Maximum sound power level (LWA) according to 2000/14/EC OND	dB(A)	91		93	91	93
Maximum sound pressure level at 7m and 75% load	dB(A)	66		68	66	68
Fuel autonomy at full load	h	11.5		15	11.3	13
Capacity fuel tank	l	40		80	80	125
Fuel consumption at full load	l/h	3.47		5.26	7.06	9.7

Alternator - Stamford							
Model		BCI 164 D1		BCI 184 E1	BCI 184 G1	BCI 184 J1	UCI 224 E1
Degree of protection / Insulation class				IP23 / H			

Engine - DEUTZ							
Model		F2M 2011F		F3M 2011F	F3M 2011F	BF4M 2011	BF4M 2011C
Emission compliant		EU Stage II		EU Stage II	EU Stage II	EU Stage II	EU Stage II
Rated net output	kW	12		19	27.6	36.4	55.2
Coolant		Oil		Oil	Oil	Oil	Oil
Number of cylinders		2		3	3	4	4
Displacement	cc	1550		2330	2330	3210	3210

Dimensions and weight (Basic Unit)		QAX 12 - 20 - 30			QAX 40 - 60		
Dimensions (L x W x H)	m	2.02 x 1.04 x 1.02			2.36 x 1.28 x 1.18		
Weight (ready to operate)	kg	706	725	804	827	1144	1213

Dimensions and weight (Undercarriage with fixed towbar)		QAX 12 - 20 - 30			QAX 40 - 60		
Dimensions (L x W x H)	m	3.16 x 1.41 x 1.26			3.77 x 1.68 x 1.46		
Weight (ready to operate) <sup>2)</sup>	kg	833	852	931	954	1260	1330

Dimensions and weight (Undercarriage with adjustable towbar)		QAX 12 - 20 - 30			QAX 40 - 60		
Dimensions (L x W x H)	m	3.39 / 3.56 x 1.41 x 1.26			4.25 / 4.36 x 1.68 x 1.46		
Weight (ready to operate)	kg	848	867	946	1016	1309	1376

<sup>2)</sup> Fixed towbar without brakes: - 35 kg

Features and Options	QAX 12 - 20	QAX 30	QAX 40	QAX 60
Spillage free frame	●	●	●	●
Qc1002™ local / remote start module	●	●	●	●
Socket panel - CEE 3ph 32A + CEE 3ph 16A + 1ph socket (CEE / RIM / PIN)	●	-	-	-
Socket panel - CEE 3ph 63A + CEE 3ph 32A / 16A + 1ph socket (CEE / RIM / PIN)	-	●	●	●
Terminal board	-	-	-	●
Earth leakage protection relay + earth pin	●	●	●	●
IT configuration + protection relay + earth pin	○	○	○	○
Spark arrestor	○	○	-	-
Fixed towbar no brakes	○	○	○	○
Fixed towbar with brakes	○	○	○	○
Adjustable towbar with brakes	○	○	○	○
Towing eye (AC / NATO / DIN / ITA / Ball)	○	○	○	○
Support leg / jockey wheel	○	○	○	○
Road signalization	○	○	○	○
HardHat	○	○	-	-
Customer colour	○	○	○	○
COSMOS™	○	○	○	○

standard: ● optional: ○ not available: -

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.

<sup>(1)</sup> Reference condition:

For engine performance to ISO 3046/1-1995.  
Air inlet temperature from -10°C to 40°C  
Maximum altitude above sea level:  
without derating: 1000 m  
with derating: QAX 12/20/40/60: 4000 m, QAX 30: 2500 m