

# Atlas Copco Generators

Light portable power



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

## Sockets

CEE 3PH 63 Amp 400 V					1
CEE 3PH 32 Amp 400 V		1		1	1*
CEE 3PH 16 Amp 400 V		1		1	1*
CEE 1PH 63 Amp 230 V			1		
CEE 1PH 32 Amp 230 V			1		
Domestic 1PH 16 Amp 230 V (CEE or SCHUKO)		1	1	1	1

\* Only one can be chosen (16 Amp or 32 Amp)

## Alternator - Newage-Stamford

Model	BCI 164 D1	BCI 184 E1	BCI 184 G1
Degree of protection / Insulation class	IP23 / H	IP23 / H	IP23 / H

## Engine - DEUTZ

Model	F2M 2011F	F3M 2011F	BF3M 2011F	
Emission compliant	Stage 2	Stage 2	Stage 2	
Rated net output	kW	12	19	27.6
Coolant	Oil	Oil	Oil	
Number of cylinders	2	3	3	
Displacement	cc	1550	2330	2330

## Dimensions and weight (Basic Unit)

Dimensions (L x W x H)	m			2.02 x 1.04 x 1.02	
Weight (ready to operate)	kg	706	725	804	827

## Dimensions and weight (Undercarriage with fixed towbar)

Dimensions (L x W x H)	m			3.16 x 1.41 x 1.26	
Weight (ready to operate) <sup>2)</sup>	kg	833	852	864	950

## Dimensions and weight (Undercarriage with adjustable towbar)

Dimensions (L x W x H)	m			3.16 / 3.62 x 1.41 x 1.26	
Weight (ready to operate)	kg	848	867	931	1016

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

## 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: 4000 m, QAX 30: 2500 m



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, control and protection of the generator. The panel also provides full system monitoring to ease operation.

## Optional features

- Earth leakage protection on 3-phase sockets.
- Three undercarriage versions are available: a fixed tow-bar with or without brakes and an adjustable tow-bar with brakes, to be combined with a variety of different tow-eyes.
- The QAX generators are also designed to be combined with our lighting towers.
- Customer color.



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



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