

Atlas Copco Generators

Light portable power



QAX 12-20-30 (50 Hz)

A HardHat™ is tough, really tough.

It is designed to be highly impact resistant so it can shrug off dents and fractures. In a tough working environment, this really pays off. Where even the best-protected steel canopy generators are going to get bashed and battered, a HardHat™ will keep its good looks longer.

No dents, no scratches and corrosion. No time and money consuming repair and repaint jobs.

When lower ownership costs count, HardHat™ delivers.



Atlas Copco

Technical Data ⁽¹⁾

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)	89		90	89
Maximum sound pressure level at 7m and 75% load	dB(A)	64		65	64
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	1

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

Alternator - 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	3.00 x 1.34 x 1.34			
Weight (ready to operate) ²⁾	kg	833	852	864	950

Dimensions and weight (undercarriage with adjustable towbar)

Dimensions (L x W x H)	m	3.33 / 3.50 x 1.34 x 1.34			
Weight (ready to operate)	kg	848	867	931	1016

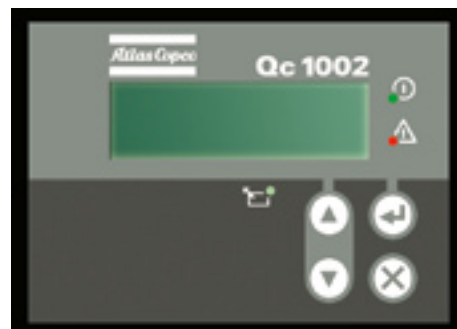
²⁾ Fixed towbar without brakes: - 35 kg

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.

⁽¹⁾ Reference conditions:

For engine performance to ISO 3046/1-1995.
Air inlet temperature from -10°C to 50°C
Maximum altitude above sea level:
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
- IT-protection
- 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.
- Customer color
- COSMOS™

Atlas Copco

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



www.atlascopco.com