

# Atlas Copco Generators

Designed to perform, built to last



Type		QAS 40	
		3 ph	1ph
Rated speed	r/min	1500	
Rated power factor (lagging)		0.8	1
Rated prime power <sup>(1)</sup>	kVA	40	26
	kW	32	26
Rated standby power	kVA	45	29
Rated voltage (line to line)	V	400	230
Rated current	A	57.7	115.9
Maximum sound power level (LWA) according to 2000/14/EC OND	dB(A)	92	
Fuel autonomy at full load - standard frame	Hours	10.5	
Fuel autonomy at full load - 24 hours skid fuel tank	Hours	28.1	
Fuel consumption at full load	Liters / hour	8.8	
Capacity fuel tank - standard frame	Liters	102	
Capacity fuel tank - 24 hours skid fuel tank	Liters	274	

<b>Engine - KUBOTA</b>		<b>QAS 14</b>	<b>QAS 20</b>	<b>QAS 30</b>	<b>QAS 40</b>
Model		D1703M-BG	V2403M-BG	V3300DI	V3800DI-T
Rated net power at 1500rpm	kW	12.8	18.8	27	38
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.

<b>Dimensions (L x W x H)</b>		<b>QAS 14</b>	<b>QAS 20</b>	<b>QAS 30</b>	<b>QAS 40</b>
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	

<b>Weight - ready-to-operate</b>		<b>QAS 14</b>	<b>QAS 20</b>	<b>QAS 30</b>	<b>QAS 40</b>
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%.