

Atlas Copco Generators

QAS18-338

15-360 kVA

15-300 kW

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Atlas Copco

Rugged and Dependable

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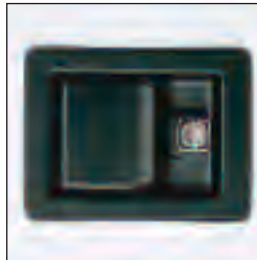


Whether you need a reliable source of electric power for the job site, or the peace of mind that comes from having on-site backup emergency power, QAS generator sets from Atlas Copco meet your needs.

QAS generators are rugged enough even for the most demanding construction environments. All units feature a heavy-duty skid base built from 1/4" steel, designed for 100% liquid containment. This eliminates the possibility of environmental contamination in the event of a fuel, oil, or coolant spill. Forklift slots and a heavy-duty lifting bale are included so moving the generator around the job site is safe and easy.

A heavy-duty canopy constructed from 14 gauge steel is standard on all units. Our high quality polyester powder-coat paint process ensures long lasting durability and superior corrosion resistance. All access doors are equipped with lockable, keyed-alike, recessed handles. An amber low fuel warning strobe is mounted on the roof to alert the operator that the fuel level has dropped below 15% reserve.

Because sound attenuation has always been an Atlas Copco strength, we have reduced the noise, vibration, and harshness (NVH) of the QAS generators to among the lowest dB(a) levels in the industry. QAS generators can provide the power you need, day or night, near even the most noise sensitive locations.



Alternator

QAS generators are rated for continuous duty operation. The alternators used in the QAS generators are manufactured exclusively to our specifications by Mecc Alte. These four pole alternators incorporate brushless excitation and Class H insulation on both the rotor and the stator for superior resistance to heat buildup. The highest quality components are selected to provide long life under the most demanding conditions. You can keep working knowing that your QAS generator will work right along with you.

Electric Power From A Source You Can Rely On



Trailers

Atlas Copco has designed the QAS generators for easy mounting to our heavy duty, highway legal trailers. These high quality trailers include DOT-approved lighting, reflectors, and safety chains, and come equipped with your choice of hydraulic surge or electric braking systems. An auxiliary

double-wall fuel cell is incorporated into the trailer and comes piped to the generator's fuel system, greatly enhancing the unit's fuel autonomy. The trailer can be customized to meet your requirements with options including a lockable tool box, spare tire kit, and stabilizer jacks.

Engine Controller

QAS generators are equipped with an easy-to-use engine controller offering remote start/stop as standard. The controller has LED shutdown indicators for system faults including high coolant temperature, low oil pressure, over-speed, under-voltage, and emergency stop, plus a spare contact that can be custom configured to a normally open or normally closed switch to suit your application. The controller can start the generator and accept 100% load within 10 seconds, complying with NFPA 110 Level 2 standards.

Maintenance

Engine fluid drains are equipped with extensions to make changing oil and coolant relatively mess-free. The QAS 168 – 338 range is equipped with a sturdy oil drain pump*. Service Paks containing the required consumable items for each recommended maintenance intervals are available from Atlas Copco.

* *Optional on the QAS 18 – 138.*



QAS 278-338



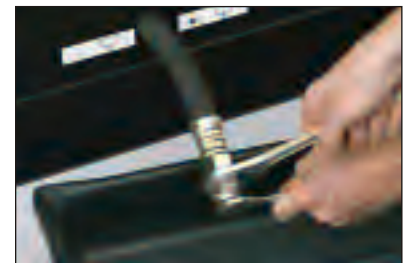
QAS 18-138



QAS 18-30-QAS 228

Voltage Selection

Voltage is selected via a lockable rotary switch (3-position on the QAS 18-30 – QAS 228; 2-position on the QAS 278 – QAS 338). This eliminates the time consuming and complicated task of rewiring the generator terminal connections to switch voltage ranges.



QAS 58-138 Generator Series

The QAS 58 – 138 range is equipped with engines from John Deere. These world class engines offer reliable operation, excellent fuel economy, and EPA compliance. The QAS 78 – 138 range includes an isochronous electronic governor as standard equipment* offering frequency control within 0.25%, a must when the QAS is connected to computer systems and other sensitive



electronic equipment. The standard engine coolant heater facilitates easy starting at temperatures to 0° F. John Deere engines are warranted for two years or 2000 hours. Parts and service are available from John Deere's expansive nationwide network of authorized representatives.



Output Connections		
	QAS 58 - 78	QAS 108 - 138
Outlet Studs	1/2"	5/8"
50A-125/250V Temp Power	3	3
20A 125V GFCI Duplex	1	1

External Fuel Connections

Connecting an external fuel supply to a QAS 108 – 338 generator is simple, thanks to leak-proof quick-connect supply and return ports. These ports are recessed to prevent accidental damage and the fittings are protected by rubber caps when not in use.

** An electronic governor is optional on the QAS 58.*

Powered by John Deere Diesel

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Model		QAS 58	QAS 78	QAS 108	QAS 138
Continuous kVA Rating	kVA	65	80	124	150
Continuous 3Ø kW Rating @ 0.8 P.F.	kW	52	65	100	125
Continuous 1Ø kW Rating @ 1.0 P.F.	kW	45	53	77	90
Voltage Selections	3Ø	208 220 240 416 440 460 480 Switchable			
Voltage Selections	1Ø	120 127 139 240 254 265 277 Switchable			
Low Voltage Circuit Breaker Thermal Trip	A	180	226	320	375
Low Voltage Circuit Breaker Magnetic Trip	A	625	750	3 - 10 x In	3 - 10 x In
High Voltage Circuit Breaker Thermal Trip	A	80	100	150	180
High Voltage Circuit Breaker Magnetic Trip	A	3 - 5 x In	400	625	750
Alternator Model		ECO 32 2L	ECO 34 1S	ECO 34 1L	ECO 34 2L
Voltage Regulation Accuracy		1%	1%	1%	1%
Frequency Droop Accuracy		3 - 5%*	0.25%	0.25%	0.25%
Amperage Capability @ 120 V - 1Ø	A	2 x 180	2 x 226	2 x 320	2 x 375
Amperage Capability @ 240 V - 1Ø	A	180	226	320	375
Amperage Capability @ 208 V - 3Ø	A	180	226	320	375
Amperage Capability @ 240 V - 3Ø	A	156	202	289	361
Amperage Capability @ 480 V - 3Ø	A	80	100	150	180
Motor Starting Capability	hp	25	35	50	60
Engine Model		4045TF150	4045TF250	6068TF250	6068HF150
Aspiration		Turbocharged	Turbocharged	Turbocharged	Turbocharged
					Intercooled
Number of Cylinders		4	4	6	6
Displacement	L	4.5	4.5	6.8	6.8
Horsepower Developed @ 1800 RPM	hp	90	102	150	218
Battery Voltage	V	12	12	12	12
Charging Alternator Output	A	45	45	45	45
Oil Sump Capacity	gal	3.5	3.5	4.5	6.2
Cooling System Capacity	gal	5.8	5.8	7.0	7.4
Fuel System Capacity	gal	40	40	70	70
Fuel Consumption @ 25% Load	GPH	1.7	1.7	2.4	2.5
Fuel Consumption @ 50% Load	GPH	2.3	2.7	4.3	4.6
Fuel Consumption @ 75% Load	GPH	3.3	3.7	5.5	6.9
Fuel Consumption @ 100% Load	GPH	4.0	4.8	6.8	7.8
Sound Level @ 23 Feet	dB(a)	69	69	69	71
Skid Mounted Dimensions	lxwxh	100.9x40.6x51.5		122x43.5x59.25	
Weight	** (dry)	lbs.	3401	3499	4638
Weight	*** (wet)	lbs.	3685	3783	5135
Trailer Mounted Dimensions (optional)	lxwxh	163x73x76		188x82x83	
Auxiliary Fuel Tank Capacity	gal.	90	90	107	107
Weight	** (dry)	lbs.	4501	4599	5938
Weight	*** (wet)	lbs.	5516	5614	7185

* 0.25% when equipped with optional isochronous governor

** Dry weight includes engine oil, coolant, and battery

*** Wet weight includes engine oil, coolant, battery, and fuel



The face of interaction

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What sets Atlas Copco apart? Our belief that, to excel, we must provide the best possible know-how and technology in ways that our customers value. Whether we're fully supporting existing products or advancing technology through innovation, we constantly focus on customer needs.

The Atlas Copco way of doing business grows from ongoing interaction, long-term relationships, and a commitment to understanding each customer's process and objectives. As a result, every compressed air solution we create helps a customer operate with greater efficiency, economy, and productivity.

Satisfying customer needs effectively has made Atlas Copco the number one compressor manufacturer in the world. We will continue to attract new business through our unwavering conviction to creating products and ideas that help our customers succeed.



Observe local and national code regulations relevant to the connection and operation of this equipment.

This information is general in nature and is not intended for specific construction, installation or application purposes.

Design and specifications are subject to change without notice or obligation.



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