

Atlas Copco Generators

QAS 600 - a benchmark for critical power



Atlas Copco's new QAS 600 generator is the largest model in the QAS range, rated at 575 kVA at 60 Hz.

With standard features that maximize safety and minimize environmental impact, the QAS 600 also features:

- Increased availability for new operations, ready to deliver power to the next job.
- Increased uptime during operations, ready to run once installed on the end-user site.
- Reduced transport and installation costs due to the compact and robust design and integrated transport features.
- Reduced service and maintenance costs.

The QAS 600 is designed for easy transportation and onsite handling, making it ideal for rental, industrial, public utility and construction applications where continuous power is needed.

www.atlascopco.com/portablepower

Sustainable Productivity

Atlas Copco

Technical Data ⁽¹⁾

Type	QAS 600	
		60Hz
Rated speed	r/min	1800
Rated power factor (lagging)		0.8
Rated prime power	kVA	571
Rated standby power	kVA	628
Rated voltage line to line	V	208/240 - 480
Rated current	A	687
Maximum sound power level (LWA) according to 2000/14/EC OND	dB(A)	77
Rated prime power	kW	480

Basic unit		
Fuel autonomy at full load	h	7.8
Capacity fuel tank	gal	239

Alternator - Leroy-Somer		
Degree of protection / Insulation class		IP 23/H

Engine - Volvo		
Model		TAD1641GE
Rated net power (with fan)	kW	485
Number of cylinders		6
Coolant		liquid
Aspiration		Turbocharged & Intercooled
Displacement	l	16.12

Unit dimensions (Skid)		
L x W x H	in	189 x 59 x 90
Weight (dry)	lb	11,790
Weight (ready to operate)	lb	13,783

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 condition:
For engine performance to ISO 3046/1-1995.
Air inlet temperature:
from -18°C to 40°C at 50 Hz
Maximum altitude above sea level:
without derating: 1000 m
with derating: 4000 m
Max. 50°C Air inlet temperature

Health, Safety and Environment

All generators meet current United States requirements relating to the working environment and regulations concerning safety, exhaust emissions and noise. All models comply with the outdoor noise directive 2000/14/EC.
Atlas Copco has fully implemented its Environmental Management System into the design and manufacture process of the machines fulfilling the requirements of ISO 14001.



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

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

Standard features	QAS 600
Qc1002™ Controller with safeties and shutdowns	●
Battery switch	●
Sound attenuated and rugged Zincor steel enclosure	●
Spillage free frame (integrated forklift pockets, 110% containment)	●
Service access for superior accessibility	●
External fuel tank connection	●
Dual stage heavy duty airfilter + safety cartridge	●
Dual stage fuel filter with water separation	●
Oil drain pump	●
PMG alternator	●

Options	QAS 600
Quick couplings for external fuel tank connection	○
Trailer Mount	○
Cam Lock Panel	○

Standard : ● Option: ○



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