



Atlas Copco



A game changer.
The perfect fit,
for your loads needs

QAS 60/35 VSG (Variable Speed Generator)

QAS 60/35 VSG, the game changer

Low-load operation problems are now a thing of the past with the Atlas Copco's latest addition to its QAS generator the QAS 60/35 VSG (Variable Speed Generator), which represents a game changer in terms of operational savings, performance and reliability.

The superior low-load performance of the QAS 60/35 VSG, which features automatic variable speed control from 950 to 2550 rpm and a built-in Energy Storage System (ESS), enables fuel consumption levels to be reduced by up to 40 % against comparable models. At the same time it helps increase reliability in applications with an average load of less than 20 %, such as construction projects, outdoor events or telecoms service duties.

**VARIABLE
SPEED** 
950-2550 RPM

+70% kW
 **PEAK POWER
VS NOMINAL**

HIGH UTILIZATION
6 IN 1 

**UP TO
55% MORE
COMPACT** 

**UP TO
40% LESS** 
**FUEL AND
CO₂ EMISSIONS**



Stop losing money when working with low loads

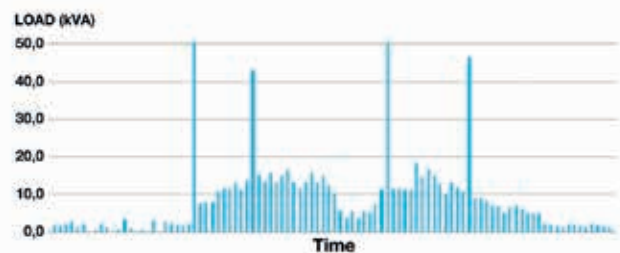
The average load factor on construction sites working with cranes, pumps and motors is 10%. The QAS 60/35 VSG covers a wide range of power nodes from 9kVA to 60kVA thanks to the unique variable speed technology. What is more, it is like having 6 power nodes models in 1.

In a working day:

with QAS VSG
(variable speed generator)



UP TO
40%
LESS FUEL



A unique product

BECAUSE YOU HAVE VARIABLE LOADS AND YOU NEED **EFFICIENCY** AND **RELIABILITY**:

- **Unique** innovative variable speed technology: 950 to 2550 rpm.
- State of the art IP 65 power electronics and integrated energy storage system, guarantees stable voltage and frequency, regardless of the engine speed with high step load capabilities.

**VARIABLE
SPEED**
950-2550 RPM

**+70% kW
PEAK POWER
VS NOMINAL**

INCREASE **UTILIZATION** AND **VERSATILITY** TO YOUR FLEET

- 1 single QAS 60/35 VSG can replace up to **6 power nodes** of typical generator (from 9kVA to 60kVA)
- The integrated **Energy Storage System** will increase the Peak Power capabilities by 70%, matching the motor starting performance of 60kVA prime power generator or even bigger ones.

HIGH UTILIZATION
6 IN 1

**STABLE VOLTAGE
GUARANTEED
NO VOLTAGE DROP!!**

**SERVICE
INTERVAL (HRS)**
500





BECAUSE YOU CARE ABOUT THE ENVIRONMENT:

- QAS 60/35 VSG contributes to a reduced carbon footprint.
- 1 single unit working 1.500hrs per year emits 4.500 kg. less of CO₂ than other generators working in similar application

UP TO
40%
LESS CO₂ EMISSIONS

IT'S A GENERATOR DESIGNED TO BE MOVED AROUND

- The compact QAS 60/35VSG offers dimensions up to 55% smaller than generators working on similar applications.
- This makes them **easier to transport** and position on site, thereby creating safer working conditions.
- Integrated lifting structure with single elevation point withstands four times the weight without breaking.
- Sturdy multidrop base frame with integrated forklift pockets.
- 110% self fluid containment.

EFFICIENT, NOT WASTEFUL:

- QAS 60/35 VSG technology brings fuel savings up to 40% on typical construction, events or telecom applications.
- The standard fuel tank enable autonomies longer than 14hrs running at 75% load and up to 70hrs running at 10%

UP TO
**55% MORE
COMPACT**

Mechanical options

- Oil drain pump
- Cold start (synthetic oil)
- Spark arrestor
- Skid base frame 24h (long autonomy fuel tank)
- External Fuel Connection (EFT)
- Quick couplings
- Cold flow
- Road trailer with adjustable towbar
- Canopy and base frame special color

Electrical options

- Coolant heater
- Battery charger
- Insulation monitoring relay (ITR)
- Fleetlink basic or CAN VSG
- Sockets IP67 5P63+5P32+DS
- Sockets IP67 with ELCB (5P32+5P16+DS)
- Domestic sockets (CEE, RIM, PIN)



Atlas Copco



**Small footprint.
6 models in 1**

55% more compact

Technical data

Electrical data		QAS 60/35 VSG
Rated frequency	Hz	50 60
Rated voltage	V	400 480
Nominal Prime power (PRP)	kVA/kW	35 / 28
Peak Prime power (PRP)	kVA/kW	53 / 42
Rated Speed	RPM	950 - 2550
Power factor cos Ø		0,8
Single step load capability (G3) acc. ISO-8528/5	%	100
Fuel consumption		
Fuel tank capacity (standard/optional long autonomy fuel tank)	l	85 / 260
Fuel consumption at 50% load PRP load	l/h	4,5
Fuel autonomy at 50% load (standard/optional long autonomy fuel tank)	h	18 / 57
Engine data		
Make		Kubota
Model		V2403M-DI
Cooling		Water
Speed governing		Electronic
Combustion system		Direct Injection
Emission compliance		EU Stage IIIA
Control and power cubicle		
Digital controller		Qc 1212
Electrical protection		4 Pole breaker and earth leakage relay
Socket compartment		Sockets IP67 5P63A-32A + DS or Sockets IP67 RCBO 5P32-16A + DS
Dimensions		
Dimensions L x W x H (standard/optional long autonomy fuel tank)	mm	2100 x 950 x 1200 / 1500
Weight : dry /wet	kg	875 / 955



Product portfolio

GENERATORS

PORTABLE
1,6–12 kVA



MOBILE
9–1250* kVA



INDUSTRIAL
10–2250* kVA



CONTAINERS
800–1450 kVA



*Multiple configurations available to produce power for any size application

DEWATERING PUMPS

ELECTRIC SUBMERSIBLE
250–16.200 l/min



SURFACE PUMPS
833–23.300 l/min



SMALL PORTABLE
210–2500 l/min



Diesel and electric options available

LIGHT TOWERS

DIESEL LED AND MH



BATTERY LED



ELECTRIC LED



AIR COMPRESSORS AND HANDHELD TOOLS

AIR COMPRESSORS
1–116 m³/min
7–345 bar



HANDHELD TOOLS
Pneumatic
Hydraulic
Petrol engine driven



ONLINE SOLUTIONS

**SHOP ONLINE
PARTS ONLINE**

Find and order the spare parts for power equipment. We handle your orders 24 hours a day.



POWER CONNECT

Scan the QR code on your machine, and go to the QR Connect Portal to find all the information about your machine.



**LIGHT THE POWER
YOUR SIZING TOOL**

A useful calculator to help you choose the best solution for your power and light needs



FLEETLINK

Intelligent telematics system that helps optimize fleet usage, reduce maintenance costs, ultimately saving time and cost.



Atlas Copco

Atlas Copco AB
atlascopco.com