

# Power generation

A guide to our complete portfolio.

*Sustainable Productivity*

*Atlas Copco*



# Welcome to our latest edition

One word best describes our power portfolio: choice! The products you will see throughout this booklet were all designed to offer you the best choice for your needs – meaning the perfect product for your application. We demonstrate this with the width and depth of our offering. At just about any power node we typically offer three alternatives, depending on your application and needs – there is no one size fits all approach here.

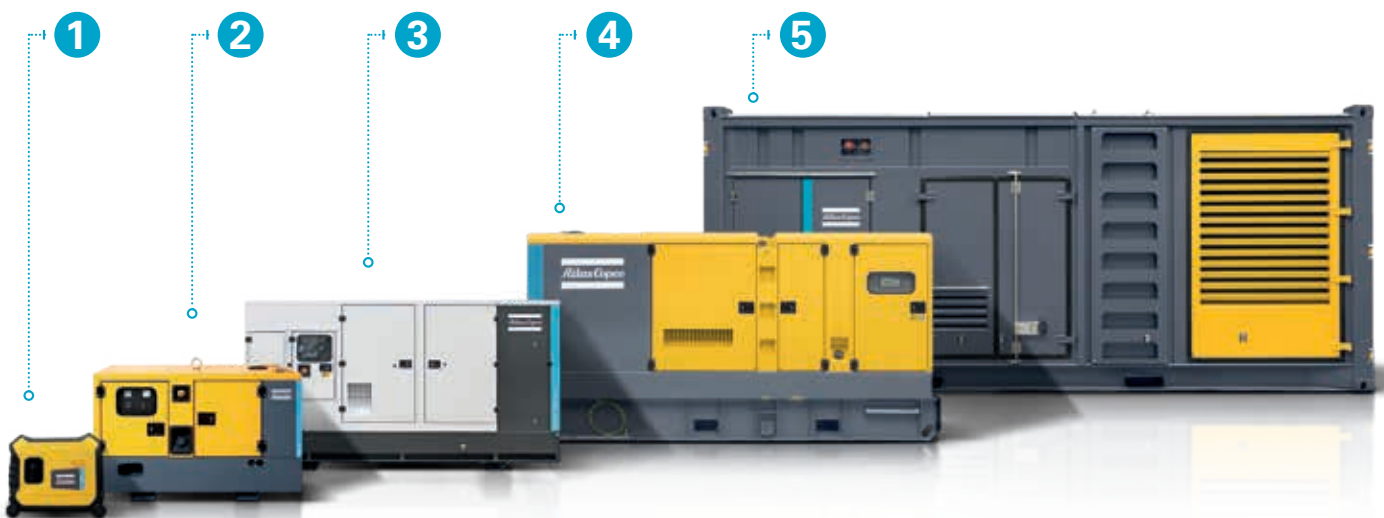
Your need for constant, guaranteed power is critical. You can be assured that our generators provide efficiency, predictability and peace-of-mind – empowering your work with an uninterrupted power supply.

We have dedicated representatives in over 180 countries. The depth and knowledge of this network, coupled with our product expertise, makes us the “go-to” partner for thousands of critical power projects across the globe.

Take a look at our portfolio and let's start a conversation!

[www.atlascopco.com/power](http://www.atlascopco.com/power)

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**1 PORTABLE GENERATORS**  
iP, P and QEP range **1,6 to 11 kW**

**2 MOBILE GENERATORS**  
QES range **9 to 500 kVA**

**3 INDUSTRIAL GENERATORS**  
QIS range **10 to 2250 kVA**

**4 MOBILE RENTAL GENERATORS**  
QAS range **14 to 630 kVA**

**5 CONTAINER GENERATORS**  
QAC, QEC, TwinPower **800 to 1250 kVA**






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Multiple configurations available to produce power for any size application.

# Power on the move

## iP, P and QEP range

We have developed a range of portable generators made for people who work hard all day, every day! Built to last, every generator in this range delivers long-term reliability, even in the toughest working conditions. Easy operation, built-in safety features and an exceptional build quality make these generators the perfect working partner for construction professionals, no matter the job site or task in-hand. From simple one-person jobs all the way to large construction sites – we have the solution for you.

P 3500i	P 6500	QEP	QEP R	QEP S
1,6 to 3 kW	5 to 6,5 kW	2,5 to 6,5 kW	5 to 11 kW	3,5 to 11 kW
				
21KG	52KG	42KG	69KG	99KG
63 dB(A) at 7m	70 dB(A) at 7m	67 dB(A) at 7m	68 dB(A) at 7m	61 dB(A) at 7m
6 hrs BEFORE REFUELLING	11 hrs BEFORE REFUELLING	9 hrs BEFORE REFUELLING	12 hrs BEFORE REFUELLING	12 hrs BEFORE REFUELLING

## Plug. Light. Work

Multiple HiLight towers can be connected at the same time, powered by a single portable generator.

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# Withstanding the elements

## QES generators

Specifically developed for construction and general rental industries, the QES range is easy to use and straightforward to maintain. It's the practical predictable power choice – even for the most demanding worksites.

The corrosion treated, water-proof canopy, along with the ability to work at high and low ambient temperatures makes the QES range a great choice. With all the options you could ever need and ready operate in just a few seconds, this range is ready to withstand whatever the elements can throw at it.



New  
models  
2017

2 CLICKS  
TO POWER

UP TO  
26 UNITS

STABLE  
POWER  
<6 SECONDS

SERVICE  
<2<sup>H</sup>  
EVERY 500<sup>H</sup>

WATER-PROOF  
CANOPY

500<sup>H</sup>

100% LOAD  
STEP  
CAPABILITY

AMBIENT  
TEMPERATURE  
>40c

2 LEVELS  
(<50kVA MODELS)

Data subject to change depending on model.

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Contact us today to learn more: [www.atlascopco.com/power](http://www.atlascopco.com/power)

# *Rain? Shine?*

Guaranteed power all the time! The QES range is ready to withstand whatever the elements can throw at it.

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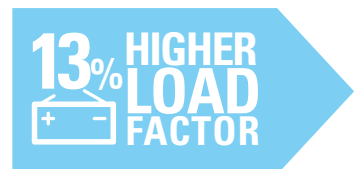
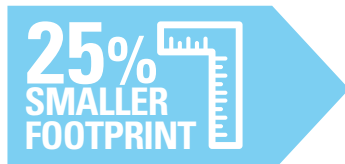
# Power without compromise

## QIS generators

A standby generator is an essential part of any company's performance network. It needs to be ready and able to provide power in the event of an electrical supply interruption. You need to be sure that the generator will sense the urgent need and provide an instant response, with guaranteed performance, at exactly the moment it's needed.

These generators are designed for optimal performance in the most demanding conditions, for both standby and stationary prime applications. The extreme testing procedure ensures their suitability for all applications, including data centers, healthcare, manufacturing, utilities and retail.

Thanks to its versatility, low noise and user-friendliness, a QIS generator can be easily integrated into all your projects. You don't just need power – you need power without compromise!



# *What is the cost of no power?*

QIS generators provide peace of mind in many different applications where reliable power is needed. From critical stand-by to stationary prime or peak shaving.

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# The power of connectivity

## QAS generators

The QAS range is feature packed and comes with the ruggedness and reliability you demand from a generator. However, there are features that really set the QAS apart – we sum it up under the power of connectivity.

Firstly, QAS generators are built for multi-drop use and designed to be moved regularly. Whether that be a few metres or hundreds of miles, you can be assured of their easy, safe movement capabilities and guaranteed performance, even in the harshest conditions. This makes the QAS perfect for rental applications and heavy duty construction use.


These generators are also unrivalled when it comes to flexibility, thanks to their simple paralleling capability. We understand that your need for power can be ever changing. The modular design focusses on being able to connect multiple generators in the simplest way – making an installation that optimises efficiency. The built-in Power Management System (PMS) enables the optimisation of fuel consumption and expands the generator's lifetime. Invest in a generator which has the power of connectivity!



 <math>< 2\text{H}</math> SERVICE  
EVERY 1000 $\text{H}$

GRANTED 100% LOAD STEP  
CAPABILITY 

20% LESS  
FOOTPRINT 

 10 $\text{MVA}$  STABLE POWER  
<math>< 15\text{ SECONDS}</math> 

50% HIGHER  
RESALE VALUE  
AFTER 5 YEARS 

DUAL STAGE FILTERING,  
DOUBLE LIFETIME 

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Data subject to change depending on model.

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# *Better together!*

The advanced paralleling capabilities of the QAS range enable you to build a modular system in minutes!

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# Container generators

## The fuel saver – QAC range

The QAC generator is a real fuel saver. The electric VSD (Variable Speed Drive) motor-driven, cooling fan, adjusts the cooling flow to the specific requirements of the engine. It may sound simple, but this engineering sets the QAC generator apart.

70dB(A)  
at 7m



500H  
SERVICE  
INTERVAL



FUEL EFFICIENT



-10% FUEL CONSUMPTION AT FULL LOAD = -480 LITERS Per day → -175.000 LITERS Per year

## The toughest container – QEC range

The QEC generator packs a punch! Up to one megawatt of containerised power that can be easily transported from one worksite to the next. Extremely reliable, it is the flexible solution for your prime and critical standby power needs in rental, mining, and oil and gas applications.

ROBUST



1MW  
OF RELIABLE  
POWER



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## The TwinPower generator – QAC 1100

For sites with variable power needs, we have launched the QAC 1100 TwinPower generator. Comprised of **two 500kVA generators inside a single container**, the QAC 1100 is a fully-engineered package with an advanced control system that enables the two generators to work independently or in parallel with each other.

It enables operators to use up to one megawatt of power at anywhere between full load and low load, maximising fuel efficiency and cutting associated running costs.

**2** ENGINES, 1 BOX



**100%** LOAD STEP



**FUEL EFFICIENT**



# Portable Energy Solutions Portfolio

## AIR COMPRESSORS

### READY TO GO

- 1-5 m<sup>3</sup>/min
- 7-12 bar



### VERSATILITY

- 5,5-22 m<sup>3</sup>/min
- 7-20 bar



### PRODUCTIVITY PARTNER

- 19-116 m<sup>3</sup>/min
- 10-345 bar



Diesel and electric options available

## GENERATORS

### PORTABLE

- 1,6-13,9 kVA



### MOBILE

- 9-1250\* kVA



### INDUSTRIAL

- 10-1250\* kVA



\*Multiple configurations available to produce power for any size application

## DEWATERING PUMPS

### ELECTRIC SUBMERSIBLE

- 250-16.500 l/min



### CENTRIFUGAL

- 833-23.300 l/min



### SMALL PORTABLE

- 210-2500 l/min



Diesel and electric options available

## LIGHT TOWERS

### LED



### METAL HALIDE



### ELECTRIC



## Committed to sustainable productivity

Atlas Copco's Portable Energy division has a forward-thinking philosophy. For us, creating customer value is all about anticipating and exceeding your future needs – while never compromising our environmental principles. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

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