

The Atlas Copco logo is located in the top right corner. It consists of the company name "Atlas Copco" in a white, italicized serif font, centered between two horizontal white bars on a blue rectangular background.

Atlas Copco

A large industrial generator, the QAC 1450 TwinPower, is shown in the foreground. It is a long, rectangular unit with a grey base and yellow upper sections, mounted on a concrete foundation. In the background, a large industrial facility with several tall smokestacks and a large cooling tower is visible under a clear blue sky. A blue diagonal overlay in the bottom left corner contains technical drawings of the generator, including a circular cross-section and a side view with various dimensions.

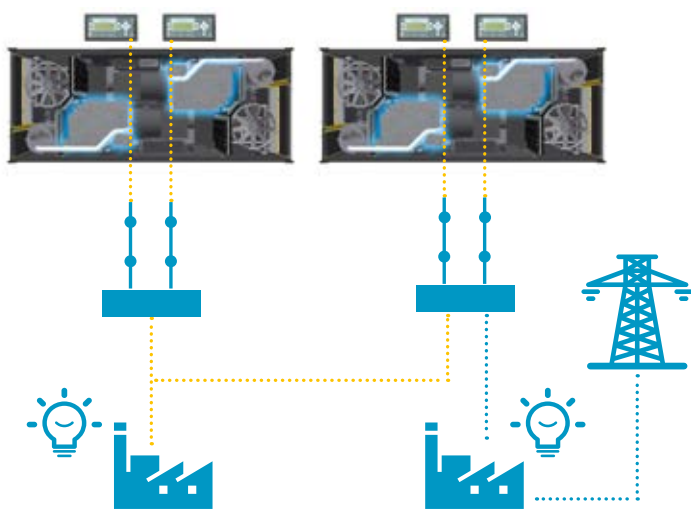
QAC 1450 TwinPower™

Double the flexibility. Twice the power!

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We understand your need for power, but do your power needs ever change? **The QAC 1450 TwinPower™** is a 20-foot containerized generator with 2 x 725 kVA generators inside, making it perfect for applications that have variable power needs, whether that's due to the time of day or the current usage requirements. You can also run on one engine while servicing the other, giving you a built-in backup as standard.

Because you get two generators in one platform, you have the flexibility you need to run at 100% power load or even low power loads in the most efficient way. What's more, every feature you need comes as standard. Furthermore, the system is fully EU compliant.



1+1
2 GENERATORS, 1 BOX

**LOW
TOTAL COST
OF OWNERSHIP**

**<15% CAPITAL
INVESTMENT**

**1450 KVA
PRIME POWER
20'**

**2 CLICKS
EASY SELECT**
FUEL OPTIMIZER, REDUNDANCY, SPLIT

**CENTRALIZED
CONTROL
& MONITORING**

**UP TO
10% LESS
FUEL AND
CO₂ EMISSIONS**

**>70% STEP LOAD
ACCEPTANCE**

**RUN AT
50%
DURING SERVICE**
AT 24h

**100% PRP
AT 50°C**



Easy to transport and install.

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Standard features

LOAD ACCEPTANCE

- The **QAC 1450 TwinPower** is able to accept more than 70% load step acceptance within ISO8528 G3 class, thanks to the two engine/alternator performance associated with the advanced control system (Qc4003).
- You can also be assured the **QAC 1450 TwinPower** performance is equal or better than conventional single engine generator running under normal load.

CSC CERTIFIED CONTAINER ISO 20FT

- Focussed on **portable** and **intensive use**.
- Robust twistlocks and forklift inlets enable quick handling at the workplace.

ENVIRONMENTALLY FRIENDLY

- The spillage free frame reduces any potential environmental impact. It can contain **110% of the fluid** capacity of the generator.

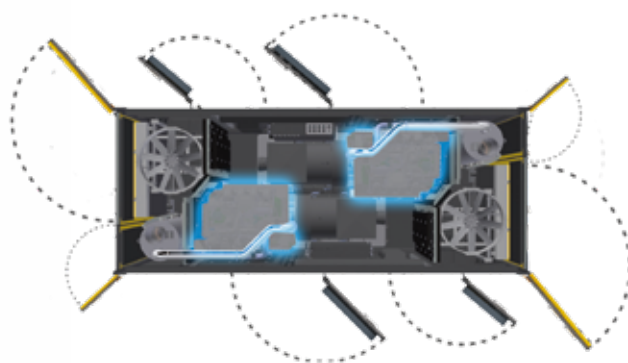


EXCELLENT PERFORMANCE

- Designed for excellent cooling of the engine/alternator, guaranteeing maximum power with no de-rating **up to 50°C** at an altitude of 1000 m.
- This makes the generator ideal for use in **extreme temperatures and at high altitudes**, with reduced risk of performance loss due to high temperatures.

SERVICEABILITY

- The **QAC 1450 TwinPower** is designed for easy service. **Large access doors** and custom **service tools** make for effortless maintenance and assured uptime.
- The positioning of the engine and alternator is set on opposite sides. Enabling **multiple access points to all the main components**.



24/7 POWER AVAILABILITY

- The service requirement is less than 2 hours of maintenance for every 500 hours of operation.
- Due to the **TwinPower™** concept, it is possible to still benefit from 50% of the unit's total capacity during maintenance operations.

STANDARD PARALLEL PACKAGE

- To tackle even bigger jobs, the **QAC 1450 TwinPower** has two Qc4003 controllers, including touchscreen functionality, so you can easily parallel with other generators. You have the choice of island mode or PMS (Power Management System). You can run the generator in parallel with mains, peak shaving, mains power export/import, fixed power and AMF (Automatic Mains Failure).



Atlas Copco



**Easy and flexible
operation
and installation**

QAC 1450 TwinPower™

Technical data

Performance data		TwinPower QAC 1450	
Rated frequency	Hz	50	60
Altitude capability	m	4000 (derating > 1000)	
Rated power factor (lagging)		0,8	0,8
Rated standby power (LTP)	kVA / kW	1590 / 1272	1590 / 1272
Rated prime power (PRP)	kVA / kW	1447 / 1158	1447 / 1158
Rated power (COP)	kVA / kW	1117 / 894	1117 / 894
Rated voltage (line to line / phase neutral)	V	400 / 230	480 / 277
Fuel consumption at COP (77% of PRP)	l/h	211	217
Fuel consumption at PRP	l/h	276	288
Fuel tank capacity	l	1640	
Engine			
Model	Scania	2 x DC16078A	
Speed	rpm	1500	1800
Speed governor		electronic	
Alternator			
Model	Leroy Somer	2 x LSA 49.3 M8	
Protection	Class/IP	H/23	
Dimensions & weight			
L x W x H	m	6,06 x 2,5 x 2,6	
Weight (dry/wet)	kg	14900 / 16500	



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.



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