

QAC 1100 TWINPOWER™

Double the flexibility,
twice the power.



Atlas Copco



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DOUBLE THE FLEXIBILITY, TWICE THE POWER

We understand your need for power, but do your power needs ever change? The **QAC 1100 TwinPower™** is a **20-foot containerized generator** with **2 x 500kVA 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.

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 on the **QAC 1100 TwinPower™**.

KEY BENEFITS

Performance	
Low cost of ownership	
Efficient maintenance	
Versatility	
Transport efficiency	

SEGMENTS



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CONTAINER ISO 20ft

Our **QAC platform** is designed and developed for global markets. Focused on **portable** and **intensive use**.

Robust lifting eyes and forklift inlets enable quick handling at the workplace.



100% SPILLAGE FREE FRAME

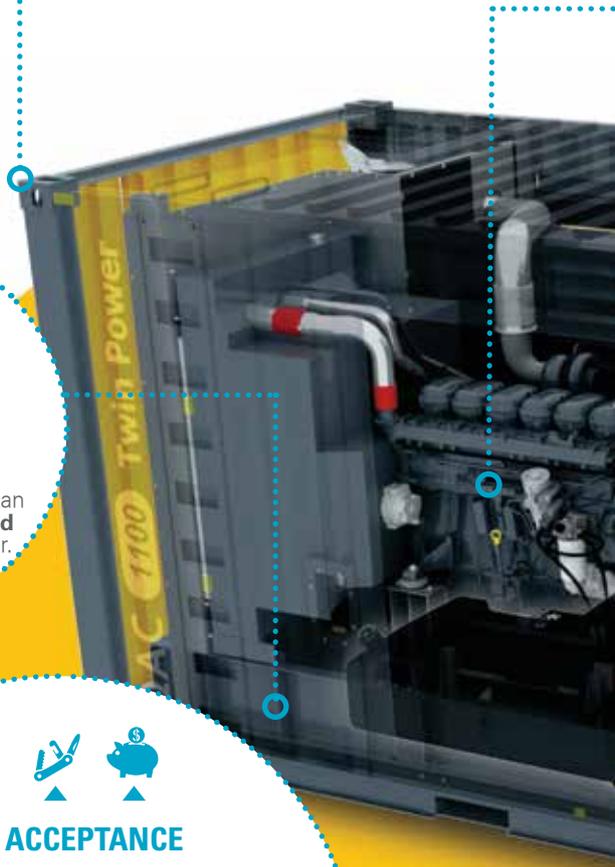
The spillage free frame reduces any potential environmental impact. It can contain **110% of the fluid** capacity of the generator.

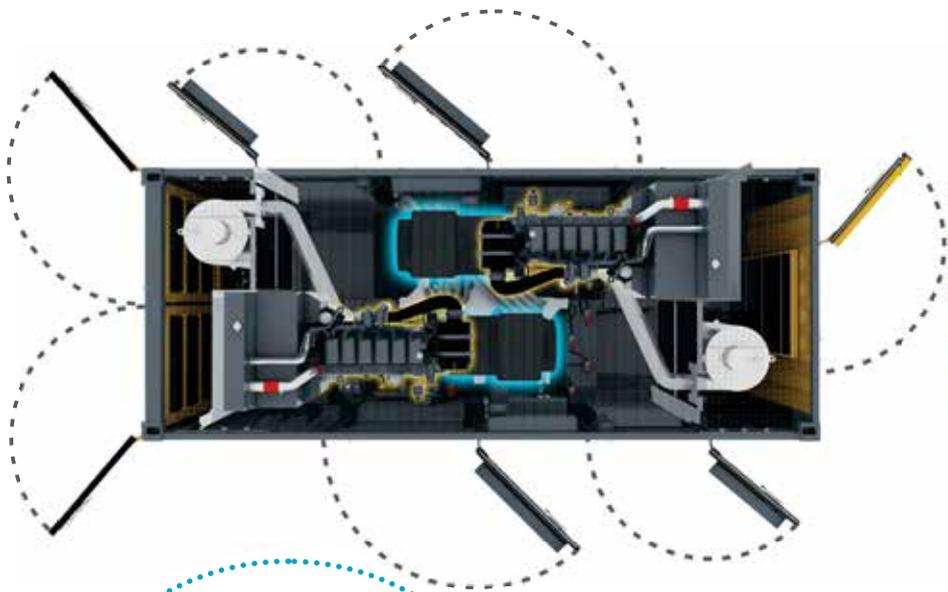


LOAD ACCEPTANCE

The **QAC 1100 TwinPower™** is able to accept a **100% load step** (ISO 8528-G2 at 70% load step), thanks to the two engine/alternator performance, associated with the advanced control system (Qc4002).

You can also be assured the **QAC 100 TwinPower™** offers comparable performance to all single engine generators when running under normal load.



SERVICEABILITY

The **QAC 1100 TwinPower™** is designed for easy service. **Large access doors** and custom **service tools** make for effortless maintenance and assured uptime.

The positioning of the motor and alternator sets on opposite sides **enable multiple access points to all the main components.**



TWINPOWER™ CONCEPT

Fully loaded, the **QAC 1100** offers two engines in a single container, solving load issues and **reducing fuel consumption.**

The TwinPower™ concept also reduces fuel consumption with variable loads



STANDARD PARALLEL PACKAGE

To tackle even bigger jobs, the **QAC 1100 TwinPower™**, with the **two Qc4002 controllers**, can run alone or in 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).



EXCELLENT PERFORMANCE

Designed to guarantee excellent cooling of the engine/alternator, guaranteeing maximum power with no de-rating up to 43°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 still stands due to high temperatures.



RELIABLE COMPONENTS

Produced using **top quality components**, tested in severe operating conditions, which ensures **durability** and **the residual value of your asset.**

Air, oil and fuel filters for heavy work associated with a nearly self-cleaning fuel tank complement operation with a lower risk of breakdown.

TECHNICAL SPECIFICATIONS

TwinPower™		QAC 1100	
Rated frequency	Hz	50	60
Altitude capability	m	5000 (derating > 1000)	
Rated power factor		0.8	0.8
Rated standby power (LTP)	kVA / kW	1062/850	1100/840
Rated prime power (PRP)	kVA / kW	1000/800	1000/800
Rated continuous power (COP)	kVA / kW	800/640	800/640
Rated voltage	V	400	220 - 380 - 440
Noise level at 7 m*	dB(A)	72	73
Fuel consumption @75% PRP**	L/hr.	146	148
Fuel tank capacity	L	1640	
Scania engine			
Model		DC13 072A	
Speed	rpm	1500	1800
Speed governor		electronic	
WEG alternator			
Model		AG10 280 MI40AI	
Protection	Class/IP	H/ 23	
Dimensions and weight			
Dry weight	kg	10,410	
Wet weight	kg	11,964	
Length (L) x Width (W) x Height (H)	m	6.06 x 2.5 x 2.6	

*Measured with a tolerance of +/-3dB(A) in accordance with ISO9614-2 and 2000/14/EC OND
 **Consumption may vary in accordance with the load percentage and/or fuel specifications



ADDITIONAL STANDARD FEATURES

- Battery charger
- Electric coolant heater
- External fuel tank connections
- Visual and sound alarm
- Internal lighting

COMMITTED TO SUSTAINABLE PRODUCTIVITY

Atlas Copco's Portable Energy division is committed to forward-thinking. For us, sustainable productivity is all about anticipating and exceeding your future needs – while never compromising our environmental principals. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

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