

The Atlas Copco logo is centered within a blue rectangular box. It features the company name in a white, serif font, flanked by two horizontal white bars above and below the text.The background is a night scene of an industrial or construction site. A large, full moon is visible in a dark sky with some clouds. In the foreground, there are two yellow Atlas Copco power units. The unit on the left is a larger, cabinet-style unit with a door and control panels. The unit on the right is a smaller, more compact unit with a control panel featuring several red buttons and a '24/7' icon. The units are situated on a paved area next to a brick building. In the background, there are stacks of white containers and a modern building with a grid of windows. A large, semi-transparent blue triangle in the bottom-left corner contains a white technical drawing of a mechanical part, overlaid with the main text.

The future of temporary power solutions

Make agility count by
optimizing power supply

Solving complex industrial challenges with specialized agile solutions

When you rely on Atlas Copco Specialty Rental, you get more than just state-of-the-art equipment - you get a full end-to-end service solution. From sizing and scoping, to logistics and installation, the entire operation, servicing and dismantling... You can continue to focus on your main business, while our specialized fleet and expertise ensure you're always a step ahead.

We aim to remain the world's most trusted partner, solving complex industrial challenges with specialized agile solutions. Designed and implemented by passionate people who continually strive for new best ways.

We make agility count

Turning change into an opportunity for growth:

- A unique fleet
- Global network with local presence
- Highly experienced experts

When you need a temporary power supply for:

- Emergency interventions
- Overhaul
- Peaks in production
- Remote locations

When you have fluctuating power, you wish to:

- Limit the ecological footprint of your solution
- Minimize refuelling, servicing, and other interventions onsite
- Reduce sound pollution
- Balance the inefficiencies of a power module on partial load

Solutions tailored to your needs

By combining diesel-driven power modules with energy storage units, we create **hybrid power plants** that offer the best of both worlds. An independent power supply, where and when you need it. And the lowest ecological footprint for a temporary power supply.



The hybridization of temporary power plants

Power plants should always be tailored to your needs. From the actual power output you require to the fluctuations in demand, the local fuel supply, available footprint, potential logistical challenges, access, restrictions... along with all the legal regulations applicable to your site such as emissions and safety. In the past, power plants were typically dimensioned according to the maximum power level required - which led to oversized diesel power modules. In recent years, however, modular power stations have begun to optimize your power load more efficiently.

The arrival of battery technologies and the new Energy Storage Module, have now paved way for hybrid power stations.



Limit your fuel costs

When your power demand goes down, a diesel power plant loses efficiency by running at partial load. With a hybrid solution, those inefficiencies are absorbed by loading the energy storage unit, so you maintain the highest efficiency.

Do you know the efficiency of your temporary power solution? Use our free fuel consumption calculator to find out how much you can save.



Minimize CO2 emissions

Power when and where you need it, with the lowest ecological footprint.

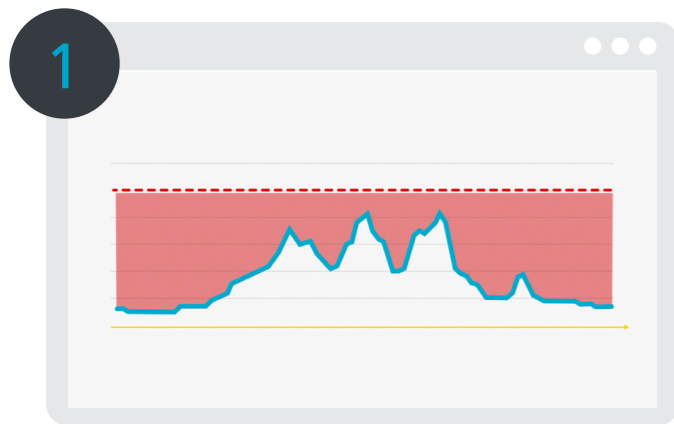
Limit interventions onsite

Working sites are very often difficult to access. They are either too remote, too expensive to reach (e.g. offshore), too secure, ... Power stations will always require regular maintenance and refueling actions. But hybrid power stations drastically reduce the interactions needed onsite. Fewer interactions mean fewer logistics, lower security risks, and a more reliable power solution.

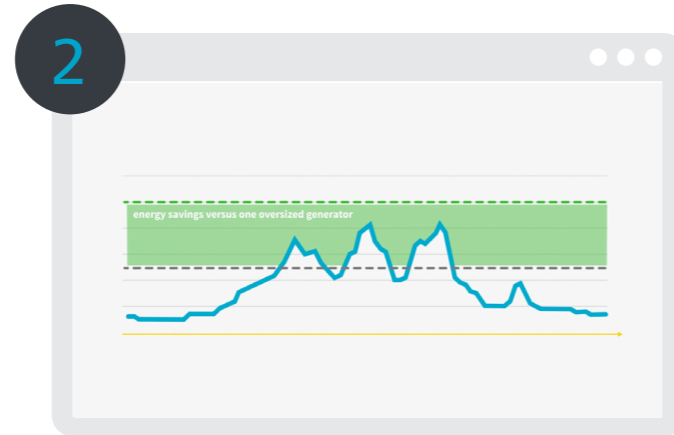
Keep it quiet

Once your energy module is charged, you can enjoy quiet and sustainable power.

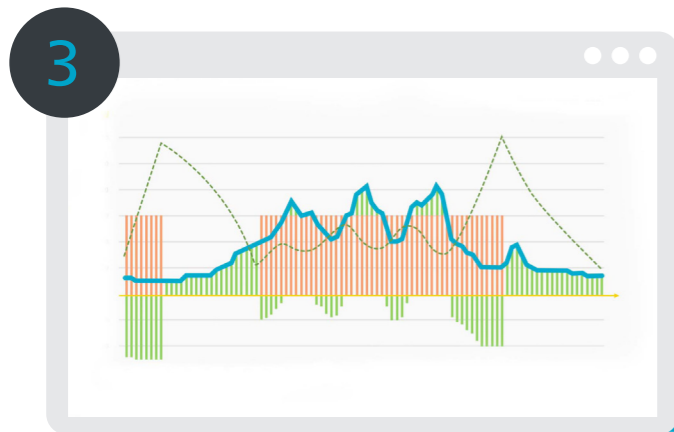
One fluctuating power demand: 3 options



1 oversized generator
Inefficiency due to partial load



2 generators in parallel
Inefficiencies limited by modular approach



Hybrid power plant
Inefficiencies 100% absorbed by energy storage
Extra benefits: fewer service intervals and limited noise pollution

Option 3
25 TO 35% MORE ENERGY EFFICIENT compared to option 1

FUEL CONSUMPTION

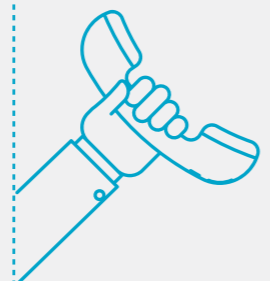
EMISSIONS

QUIET HOURS

SERVICE ACTIONS

Wondering how this graph looks for your project?

Contact us to get a detailed overview of your fuel savings, CO2 emission reduction, extra quiet hours, and total running hours of the power modules.



Power modules and energy storage modules: the best of 2 technologies

Optimize fuel efficiency by avoiding partial loads on your power module

Charge the Energy Storage Module with any excess power

FUEL CONSUMPTION

EMISSIONS

SERVICE ACTIONS

Energy storage module

Power module

QUIET HOURS

Your neighbors can enjoy quiet downtime...

...while the Energy Storage Module releases the stored power

Technical data

General technical data		Energy Storage Module 250-500	Energy Storage Module 500-250
Nominal rated power	kW/kVA	250/250	500/500
Nominal energy storage capacity	kWh	537	246
Net energy stored*	kWh	500	233
Rated voltage (50Hz)	VAC	400	400
Battery system voltage	VDC	716.8	768
Nominal rated AC current(Input&Output)	A	380/360	760/720
Max AC current (Input&Output)	A	417/397 (<10min)	835/793 (<10min)
Autonomy at rated power	h	2	0.47 hour
Minimum recharging time	h	2.2@100%	0.51@100%
Life cycle (60%SOH@90%DoD@25°C)		5000	5000
Cell chemistry		Lithium Iron phosphate LiFePO4	Lithium Iron phosphate LiFePO4
Operating temperature	°C	-20 to 60	-20 to 60
Dimensions (L x W x H)	mm	2991 x 2438 x 2896	2991 x 2438 x 2896
Weight	kg	9900	9900
Sound power level	dB(A)	<70	<70

The standard reference conditions are: 25 °C, 100 kPa and 30% relative humidity. For nominal values efficiencies, deratings and DoD are not considered and tested parameter related to PF=1. *Due to use this may decrease



Please contact us for more detailed information



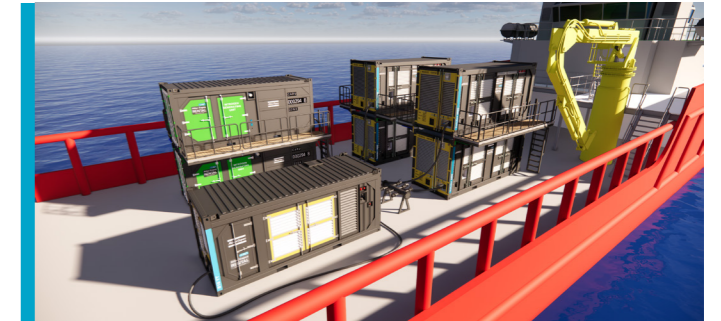
Ensuring the highest operational efficiency during your projects

Exceeding your expectations

By adding the Total Solution Visualization tool to our services, we further emphasize our total solution approach.

Optimize space

A unique experience of the full project in 3D allows all parties to align during the pre-commissioning phase. We can provide detailed 3D images, videos, 2D installation drawings, and more upon request. Even if footprint isn't your first concern, visualization has many other advantages.

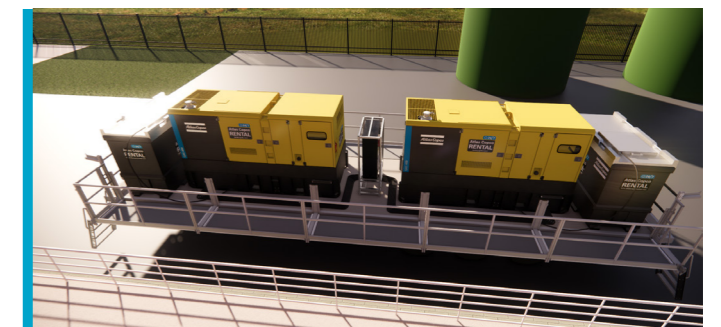


Mitigate risks

Thanks to accurate simulations, QHSE focus points and other challenges can be determined well in advance.

Ensure full compliance

Total Solution Visualization allows us to provide all compliance documents needed for project certifications and other administrative requirements.



Enjoy total peace of mind

Everyone is aligned on what to expect which improves operational efficiency throughout the project.

Making agility count!

We take care of your utilities, so you can focus on your business.

- **Emergencies**

Experiencing an unexpected breakdown? Contact us today to restart your operation in no time!

- **Contingency**

Planned maintenance should not impact your operations. Neither should an unplanned breakdown.

- **Fluctuating demands**

Consider renting temporary solutions to tackle irregular production cycles.

- **Special projects**

Whether your operation is extremely critical (offshore, power plants, chemical plants...) or you just need a lot of equipment, our specialised fleet is up to the challenge.



A global player with local presence

140 locations in 80 countries
always close to you.



Our fleet



Air compressors



Power modules



Nitrogen generators



Industrial steam generators



Pumps

**Atlas Copco
Rental**
Making Agility Count

Atlas Copco Specialty Rental
www.atlascopco.com/rental

