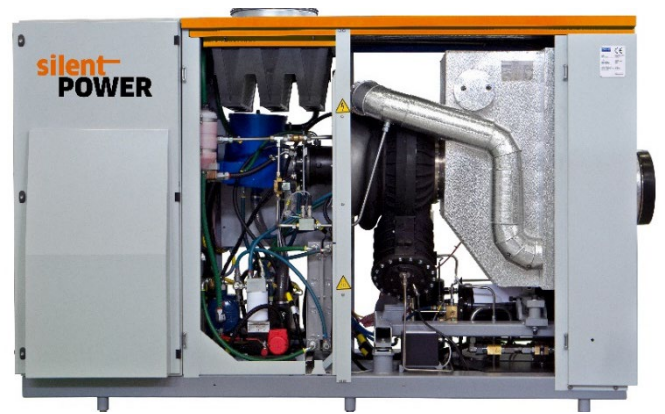


# Energy independent with Combined Heat & Power

ECONIMO 300 - 300 Kilowatt



**The ECONIMO 300 is a highly efficient combined heat and power (CHP) generator that produces 100 kW of electrical power and 200 kW of heating power at significantly reduced CO2 emissions, minimal NOx, and zero fine particles. This compact and modular system is designed for easy installation in a variety of settings, from industrial facilities to large residential projects and island operations. Choose your ideal plan with our purchase, rental, and leasing options.**

The ECONIMO 300 offers a reliable and sustainable source of CO2-neutral and pollution-free energy, thanks to its advanced methanol technology and high efficiency. It is a compelling solution for those seeking to minimize their energy grid dependence and carbon footprint, while promoting a cleaner and greener future.

## CLIMATE-NEUTRAL METHANOL BENEFITS

- › CO2 neutral with M99 methanol
- › Local storage and delivery of liquid methanol
- › Low emissions (NOx, CO) with zero soot

## APPLICATION AREAS

- › Industry  
Ideal for production plants, as back-up power and system heat production.
- › Large residential buildings  
Heating or cooling residential buildings up to 40 units with a single ECONIMO 300 Mini-Power Plant.
- › Commercial buildings and resorts  
Heating or cooling, and emergency back-up power for commercial buildings, distribution centers, resorts, hotels and swimming pools.
- › Maritime & Island operation  
The ECONIMO Mini-Power Plant is an ideal solution for maritime and island operations where exhaust and emissions regulations must be met.

## OPERATIONAL FEATURES

- › Up to 90% global efficiency
- › Up to 33% electrical efficiency
- › Designed for indoor and outdoor installation
- › Modular scalable solution
- › Partial operating load conditions (min. 60%)
- › Low maintenance requirements, service intervals of 6'000 operating hours
- › Proven industrial turbine technology with up to 20 years lifespan
- › Guaranteed supply of M99 methanol

## OPTIONS

- › Water Heat Exchanger, 7400 L/hr @85°C
- › Outdoor module
- › Absorption Chiller for cooling
- › Under- or aboveground methanol storage tanks
- › Remote operation (IOT)

## GET IN TOUCH WITH OUR EXPERTS

We are here to support you, contact us to arrange an individual consultation. Our product experts will help assess your requirements and define the optimal solution for your needs.



Published by  
Silent-Power AG  
Gewerbestrasse 11  
CH-6330 Cham

This document contains general descriptions, performance data and features which may vary as a result of further development of our products.

For more information  
[www.silent-power.com/en/contact](http://www.silent-power.com/en/contact)

**silent**  
**POWER**