



Capstone MicroTurbines™

Model	Elec. Power* [kWe]	Therm. Power [kWth]	Fuel
C30 Natural Gas	30	85	natural gas / propane
C30 Liquid Fuel	28	85	diesel / kerosine
C30 Biogas	30	85	landfill / digester gas
C60 Natural Gas	60	155	natural gas
C60 ICHP	60	115**	natural gas

* At ISO conditions, 15°C at sea level

** At 60°C inlet water with 2,6 l/s flow

Features

- One moving part
- 0–100% load capacity
- 360–528 VAC, 50/60 Hz (grid-connect)
360–480 VAC, 10–60 Hz (stand-alone)
- Low maintenance
- Extremely low emissions
- Integrated grid synchronisation and safety
- Simple user interface
- Open communication protocols
- MultiPack configuration, up to 20 units
- CE certified

Options

- Gas compression
- Gas treatment
- Integrated combined heat & power (CHP)
- Separate heat exchangers
- Control panels for CHP
- Noise reduction

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CAPSTONE MICROTURBINE™

CLEAN, FUEL FLEXIBLE AND RELIABLE POWER





MICROTURBINE™



The Capstone MicroTurbine™ is based on the same technology as a jet engine, but is combined with patented air bearings, an innovative recuperator and state-of-the-art electronics. The result is a versatile, reliable, environment-friendly solution for power generation that is virtually maintenance free. The product range currently includes a 30 kW and 60 kW version. There is also an integrated combined heat and power system based on the 60 kW model.

Electricity

The Capstone MicroTurbine supplies reliable, high-quality power, whether operating as a remote or local, grid-connect or stand-alone system. It is virtually maintenance free and has extremely low emissions, even with low load factors. A MultiPack multiple-turbine set-up offers a solution when more power or flexibility is required.

CHP Plus

Using both the electricity and the heat results in a highly efficient, small-scale cogeneration solution. Even the clean exhaust gases can be used directly for fertilization, drying and as preheated air for boiler burners. Combined heat and power (CHP) with an added bonus!





CAPSTONE MICROTURBINE

Pon Power



Renewable energy

Fuel flexibility enables the Capstone MicroTurbine to generate useful, clean power from a variety of waste gases. The gas may vary from high-calorific waste gas derived from oil and gas extraction to low-calorific gas obtained from biological digesters.

Hybrid Electric Vehicle – HEV

The Capstone MicroTurbine is the cleanest available battery charging device for hybrid electric buses, trucks, cars, etc. Its low maintenance requirements in particular make it ideal for HEV applications.



A Capstone MicroTurbine™ assures you of reliable power when and where you need it. It is clean, flexible and simple.