

**Independent
energy**



FORTIS
WIND ENERGY
GREAT IN SMALL TURBINES

SOLAR-WIND HYBRID SYSTEMS

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www.independent-energy.nl



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Applications of Hybrid Systems worldwide:

Our competence is to design, manufacture and install turnkey Wind & Solar as Hybrid solutions for remote power supply in isolated areas. The power supply is based on Solar Modules & Small Wind Turbines. A combination of different but complementary energy generation sources. All systems can be designed in an On-grid or Off-Grid configuration. Off-Grid systems, also called micro-grid systems, with integrated storage options by Battery Bank and/or DC cooling for extreme environmental conditions. Adding a Genset, used as a backup power supply, guarantees a non-stop supply of energy.



Egypt: water treatment

Netherlands: vineyard

Some of our focused user groups: Agriculture, Telecom, Oil & Gas and Leisure industry



Our competence: design, build, install Hybrid systems

Micro-grid architecture with demands up to total installed power from 1kW to over 100 kW.

Options in:

- Hybrid systems DC - coupled
- Hybrid systems AC – coupled
- Single or 3-phase AC output for loads
- All systems can be monitored locally & remotely (via GSM & web-based solutions)
- Containerized power solutions
- Back up systems by battery storage



Africa: Oil & Gas Industry



Leisure industry



Containerized power supply

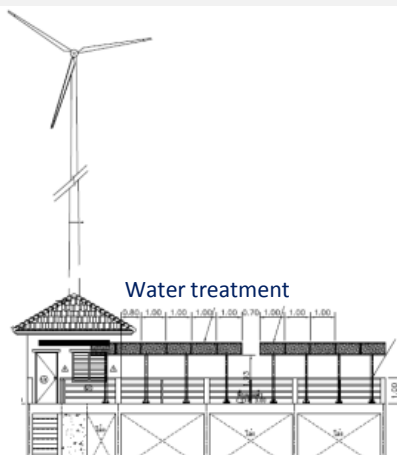


Sport & Recreation industry

Project portfolio:



Smart community



Water treatment



Hybrid on building in The Netherlands

Membership & Certification:



Unique features of our components & Brands:



Solar technology:

- Authorized dealer of Morningstar
- Solar mounting systems
- Solar Modules for on-grid or off-grid applications

Wind Turbines:

- Conforms to IEC 61400-2 international standard
- Upwind, direct drive, fixed pitch, overvoltage protection and emergency braking
- Rectifier & Grid Feed Inverter in one housing
- Power curve according to frequency or voltage
- Maintenance free, 5 year warranty, installation by Fortis Certified System Partner
- Average lifetime for Montana-Q is over 20 years
- Made in The Netherlands

Contact us now for more information:

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