

# Northern Power<sup>®</sup> 60

Robust, High Output Wind Turbine

## *Quiet. Confident.*



### Low height profile, less noise, easier permitting, cost effective.

»»**Large rotor—high output:** The 60 kW turbine meets the energy needs for residential, farm, and small business installations.

»»**Turn it on and go back to work:** Our turbine is designed for ultimate reliability, so you don't have to be in the business of generating electricity or hire a team of full-time professionals to reap the benefits of wind power.

»»**Easier permitting with low height profile, tower options:** The elegantly designed Northern Power 60 comes with a standard 23-meter tubular steel tower, or optional 30- and 37-meter tubular or lattice towers that help you balance annual energy production (AEP) and planning requirements.

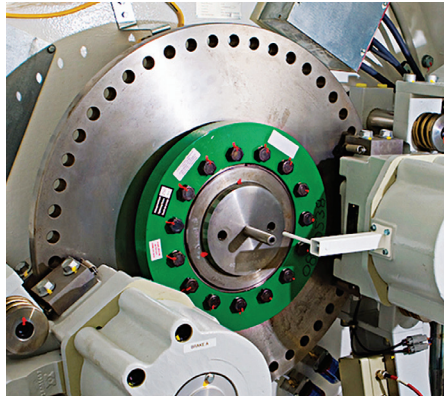
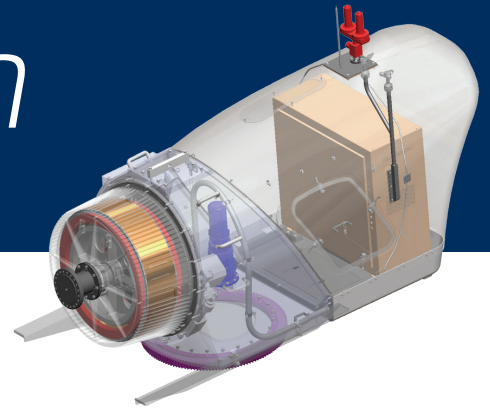
»»**Generate healthy income:** The Northern Power 60 can produce enough electricity to generate a healthy income stream. It provides long-term benefits and pays for itself quickly, with lower ownership costs over the lifetime of the turbine.

»»**Quieter operation:** Our gearless design, advanced blades, and lower rpm and tip speed, all contribute to lower noise levels and allow for a longer set back distance.

»»**Plug and play—grid-friendly interconnect:** Unlike synchronous generators, there is no inrush current with the Northern Power 60. Power converters regulate output so it will not spike, making the Northern Power 60 a grid-friendly choice.



# Robust Design



## More energy... less maintenance.

Built on the time-tested Northern Power 100 platform that was originally designed for Antarctica and proven in Alaska, the Northern Power 60 combines a generator, controls, and electrical components specifically engineered for the 60kW model, with best in class price performance and proven reliability.

>>**Robust:** Northern Power turbines not only stand up to the strong winds of Scotland, the windiest country in Europe but regularly face hurricane force winds in Alaska and the Caribbean.

>>**Optimized to generate the highest output:**  
Our turbines can begin making power at wind speeds as low as 3 meters per second and provide the highest power at 11 mps, providing clear economic benefits in all kinds of wind regimes.

>>An engineering advancement in simplicity and precision, **our gearless direct drive technology** maximizes energy capture, outperforms conventional gearbox designs, and reduces maintenance costs.

>>Our **state of the art power converter** design provides smooth, clean power to local grids, which simplifies grid interconnect and adds to grid stability, making the Northern Power 60 the best choice for a variety of applications.

>>**Reliable:** Reinforced blades, gearless design and a track record of ZERO incidents across its entire fleet make Northern Power turbines the most reliable small wind turbines available today.



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