

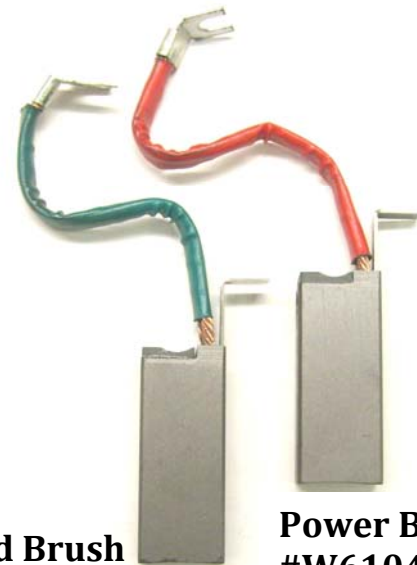


Wind Turbines

Wind Application Bulletin

ABB 1.5 MW Doubly Fed Asynchronous Generator

- Exceptional Performance from No Load to High Load
- Superior Film Formation for Low Friction
- Outstanding Performance in Varying Atmospheric Conditions including Low Humidity
- Tolerant of the Harmful Effects of Contamination
- **Excellent Brush Life with Minimal Ring Wear – Exceeding 18 months of brush life**



Ground Brush
#W61048890AZ

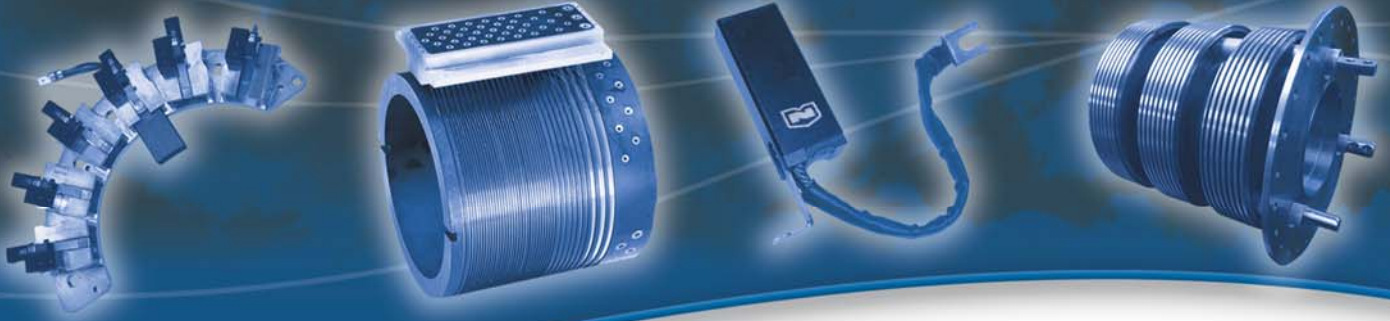
Power Brush
#W61048890

For this Generator Morgan AM&T also offers:

Power Slip Ring #W61074847

Brush Holder Springs #W61074826

PB01 ABB 01-2009



NATIONAL Wind Power Brushes

- **Global Technology Company**
 - **100+ Years Manufacturing Experience**
 - **Same Day Emergency Service**
 - **Proven Solutions for the Wind Power Market**

With a history of over one hundred years, the National brand has been associated with innovation, technology leadership and excellence in quality. With an intimate understanding of carbon and graphite materials science and the portfolio of unit operations required for world-class manufacturing, our scientists have successfully created solutions in many key markets. Our treatments and formulations enable our carbon brushes to survive and perform in the most rigorous conditions. National has built this reputation from our materials technology and application engineering efforts, working jointly with both OEM manufacturers and directly with end users.

In the rapidly growing Wind Power market, Morgan AM&T offers **brushes, slip rings, holders, and springs** for most generators. These are operating in turbines throughout North America with outstanding performance and success. We also offer solutions for many of the recurrent problems facing this industry.

Contact Morgan AM&T Application Engineering Dept for your Wind Power Solutions.



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