

POWER INVERTERS FOR WIND TURBINES



- **Advanced, compact IGBT-based design**
- **High efficiency**
- **575 to 6,600 VAC output**
- **Compatible with a wide range of generators**

New medium-voltage 2.5 MW inverter for wind turbine applications.



HIGH POWER CONVERSION FOR A HIGH-GROWTH INDUSTRY

POWER INVERTERS FOR WIND TURBINES

“New circuit topologies could provide better control of power quality, enable higher voltages to be used, and increase overall converter efficiency.”

- U.S. Department of Energy,
20% Wind Energy by 2030, May 2008



With more than a decade of experience designing and manufacturing high-power (1 MW and above) power inverters for energy, transportation, and defense applications, General Atomics has the resources and breadth of experience required to provide the highest performing, most reliable power conversion devices for wind turbines, at a competitive cost.

Typical Inverter Specifications

Output power	2.5 MW*
Output voltage	575-6,600 VAC
Overall efficiency	>98%
Inverter dimensions	72”h x 76”w x 34”d
Inverter weight	2,000 kg
Cooling method	Water-glycol mixture**

* Power output can be easily customized; typical range is from 1 to 3.5 MW

** Heat sinks grounded; de-ionized water not required



For additional information on General Atomics inverters and related power conversion capabilities, please contact:

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