

Star Sailor Wind T-Com™ Series Wind Turbines

Star Sailor Wind turbines are American designed & manufactured rugged, reliable energy 50-W to 48-kW. Anywhere, all the time. Making Star Sailor, *the Power Behind the Technology.*™

Star Sailor Energy's T-Com™ Series is the first modular wind turbine to offer the advantages of rugged reliability of a purpose-built environment safe wind turbine. Constructed with aerospace materials and the first limited lifetime warranty for wind turbine rotors. As an option, the T-Com™ Series integrates solar and batteries in a highly resilient hybrid unit. The 24/7-power T-Com™ Hybrid UPS is a lightweight integrated package for demanding applications from urban lighting, Wi-Fi, and virtual security, direct DC microgrid applications and aerospace and military power.



Features:

- Rugged, low-maintenance vertical axis wind turbine,
- *Modular, stackable and scalable power,*
- Micro T-Com™ Secure IoT/Sensor Platform,
- T-Com™ and T-Com Hybrid 200-W, 600-W and 1.5-kW UPS,
- Installation on new & existing structures; including towers, roofs, bridges, and mobile units,
- Microwave permeable enclosures as an available option,
- Airport, spaceport, built environment safe wind turbines,
- Direct DC applications,
- Quiet, bird, bat and human tested,
- Limited lifetime rotor warranty.

Star Sailor offers applications support and Subject Matter Experts are available for design and integration.

Available standard configurations are listed below. Custom integration and applications are available.

T-Com 1 Hurricane™ Mini 1-meter turbine performed flawlessly through winds. The robust, rugged VAWT provides the basis for T-Com™ Hybrid technology for remote sites, critical power and mobile systems. The T-Com™ 1 Hurricane removes the need for fuel with no single point of failure. Solar panels may add up to 400W of hybrid power with reliable AGM or Li-Ion batterie. Options include ballistic resistant and microwave permeable enclosures.

The T-Com™ 2 SecureLite™ product line is the first of its kind integrating Wi-Fi and state-of-the-art LED lighting. The self-powered hybrid platform supports uninterruptable power supply (UPS) in a single package.

T-Com 2 Raptor™: The performance and reliability of the Hurricane comes in a higher base power of the T-Com 2 Raptor™. Rugged and supporting integration of solar panels, batteries, devices and designed for integrators and special mission and direct DC power applications.

T-Com 2 Phantom™ is the low-visibility version of the T-Com 2 Raptor™. Environmentally friendly specialty coatings and materials provide low and non-reflective surfaces, microwave absorbing surfaces, visual camouflage and RF permeable enclosures to create a near perfect ghost on the horizon, building or other elevated structure. Unobtrusive, reliable power in a near silent package offers unique opportunities for creative integrators.

Where national security and agriculture meet: Star Sailor Energy was founded by scientists and engineers with decades of experience in power and systems integration for critical aerospace and defense applications. Happily, we are also farmers. Ag-wind is our specialty. Please contact us with your needs.