



Maximising Production For Europe's Best Wind Resource

442SR- Simple, Rugged, Designed to Quietly Last

THE 442SR – A CHAMPION OF HIGH WIND

With a large, over-sized alternator, the 442SR is designed for longevity and performance in high winds found throughout the United Kingdom. Turbines with alternators that have more mass have been regarded by wind industry veterans to have superior life and the ability to withstand extreme high wind environments but still perform in moderate conditions.

The combination of redundant fail safe mechanisms allows the 442SR to survive in winds well in excess of 45m/s. A specialized controller enables the 442SR to automatically shut down if any error is detected. In addition to its dynamic braking, the 442SR controller utilizes aerodynamic stall to limit rotor torque to assist shutdown.

 **Oversized alternator for longevity**

 **Dynamic redundant braking**

 **Stall regulated**

 **Fail safe monitoring**

