

DELIVERING MORE POWER FROM A SOLAR MODULE

EXECUTIVE SUMMARY

Ultrasolar Technology's Quantum Boost box increases the output of PV systems by 15–20% or more for both new and old installations at a fraction of the value it adds. Ultrasolar is a venture-funded solar technology leader with a proven patented approach that significantly enhances the efficiency of PV solar panels. In addition, QuantumBoost™ can be used to retrofit existing installations that either require additional output or simply need help, due to degradation, to restore the specified output.

The solar market is supported by several different technologies. These fit into two broad categories, thin film and silicon based (c-Si). Ultrasolar supports both technologies. Ultrasolar's technology will be incorporated as a separate small box called, QuantumBoost™, electrically connected to the string. QuantumBoost™ Ultrasolar's is a complementary solution to all solar manufacturers' products; therefore the solar suppliers are our customers, rather than our competitors putting us in an enviable position.

Our mission is to become the world's leading supplier of efficiency enhancing solar technology by enhancing PV efficiency through use of Pyroelectric Technology.

