

**WAAREE®***One with the Sun*

Waaree Energies Ltd

Introduction of high performance WSM-345 Solar modules which uses high efficiency Mono crystalline cells

CASE STUDY

Summary

Waaree Energies continuously strive to find innovative solutions to help our customer's. Waaree Energies Limited has launched, for the first time in India, a high performance WSM-345 Mono a crystalline solar module which uses high efficiency Mono Crystalline cells. This Module delivers an Industry leading 17.8% efficiency with positive power tolerance. Its best-in-class efficiency ensures savings on balance-of-system and the space required for installation. .

Objective of Intervention

To provide high efficiency and higher return on investment with more watts-per-module and ensure savings on balance-of-system for Roof Top Solar PV applications

Type of Intervention and Location

Design and Manufacturing of a New Product

Description of Intervention

The Solar PV Module delivers an Industry leading 17.8% efficiency with positive power tolerance. WSM-345 modules have lower LID (Light Induced Degradation) and offers higher return on investment with more watts-per-module. Its best-in-class efficiency ensures savings on balance-of-system and the space required for installation. These modules have undergone rigorous in-house tests, exceeding International standards to withstand various operating conditions.

In metro cities and urban areas where space is a constraint these high efficiency modules will generate more energy per square meter. We have designed it to deliver consistent and trouble free energy while minimizing the O&M costs. The uniform appearance of Mono crystalline cells makes these modules aesthetically pleasing to the eyes.



Intangible or Tangible Benefit

Home Owners would be able to get more number of Kw's in minimum space available on the roof tops / Terraces as well as would have lower operation and maintenance costs.

About Waaree Energies

Established in 2007, Waaree Energies is one of India's most diversified and fastest growing solar power solution company with a presence across the solar power value chain. As one of India's leading solar power companies, their facilities comprise of a 250 MW PV module manufacturing plant in Surat, India.