

# Yingli monocrystalline photovoltaic panel specifications

What are Yingli Solar PV modules rated for?

Yingli Solar PV modules are designed to meet the requirements for the standards IEC 61215 and IEC 61730, application class A. Modules rated for use in this application class may be used in systems operating at greater than 50 V DC or 240 W, where general contact access is anticipated.

How temperature-tolerant are Yingli solar panels?

Yingli solar panels have temperature coefficients of  $-0.34$  to  $-0.37$  %/ $^{\circ}\text{C}$ . While this is decent, most modern solar modules have temperature coefficients between  $0.3$  and  $0.7$  %/ $^{\circ}\text{C}$ . However, as a vertically integrated company, Yingli manufactures everything from ingots and wafers to cells and modules, allowing it to have better control over product quality.

How much power does a Yingli solar panel produce?

Yingli solar panels come in various sizes with power ratings. The smallest panel produces a peak power of 325 W, while the largest one can produce up to 670 W in ideal conditions (STC). For comparison, around 400 W power output is considered typical.

What are Yingli bifacial solar modules?

Yingli's premium, bifacial modules are named Panda. Their most important feature is the N-type solar cells. Unlike regular, P-type modules, N-type modules experience lower losses due to Light Induced Degradation (LID). In other words, the N-type modules have even better energy output, especially in the mornings and evenings.

What is included in the Yingli Solar PV module manual?

This manual contains important information pertaining to the electrical and mechanical installation and maintenance of PV modules, and contains safety information that you must read carefully and be familiar with before handling, installing, and/or maintaining Yingli Solar PV modules.

Can Yingli Solar PV modules withstand snow?

Yingli Solar PV modules are designed to withstand high snow loads. However, if removing snow is desired to enhance production, use a brush to gently remove snow. Do not try to remove frozen snow or ice from PV modules. The dismantling of PV systems must be performed with the same care and safety precautions used during the initial installation.

digital stop watch for time checking, a Yingli solar YS310 monocrystalline solar panel and a Yingli solar YS310 polycrystalline solar panel. Both panels have the same technical specifications as ...

The YLM 3.0 module is designed with high-efficiency P-type monocrystalline PERC cell technology. Thanks

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to high-quality packaging materials and classic single-layered glass structure, it can withstand harsh conditions and assures ...

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