Panasonic solar panels doha

Panasonic solar panels doha

Panasonic stopped solar panels production in 2022. Apparently, the Japanese company could not keep up with the Chinese competitors and the prices that were able to offer. Some assumed that the company was going to leave the solar market completely. Later the managers made an official announcement: Panasonic will focus on designing solar systems and equipment for them and outsource PV modules production.

Allegedly, Panasonic solar panels are made in Singapore nowadays and they are manufactured at the same facility as REC solar panels. The PV modules of these two brands are very similar and the claim looks at least plausible. However, we don"t have an official confirmation of it.

One of the most famous features of Panasonic modules is Heterojunction with Intrinsic Thin (HIT(R)) layer technology, patented in 1997. It is an improvement on the classic design of a cell with ultra-thin layers of silicon between the wafer and the glass. It reduces the energy losses at the boundaries of a cell which substantially improves the performance of a panel at high temperatures.

The temperature coefficient of Panasonic HIT panels, which stands for how much energy a panel loses on hot days, is only at -0.258%/?C, when with most panels it varies between -0.3%/?C and -0.5%/?C. For example, a panel with a temperature coefficient of -0.4%/?C is going to lose around 40W of output on a sunny summer day somewhere in Phoenix. Panasonic HIT module in this case loses only around 25W.

HIT technology, however, doesn"t give Panasonic panels the highest efficiency overall. On average conversion rates of Panasonic panels range from 19% to 21%: good, but these are not the top numbers on the market.

Panasonic panels are also quite durable and resistant, thanks to the 40mm aluminium frame. Most of them can withstand 5400 Pa pressure which is comparable to 210 mph wind. Such a module is capable of surviving a tornado. A special drainage system reduces the stains from melted snow and rain.

When it comes to the cost, Panasonic panels can be quite expensive: around $1-$1.2 per watt. Japanese electronics are often costly in general, because of how modern and high-quality they are. Besides, Panasonic is a famous brand and that makes up a big part of the price. They are not the most expensive, but they would probably make the Top-5 list along with REC and Sunpower.

Panasonic offers a 25 year both product and performance warranty for all of its panels. The modules show amazingly low degradation rates: they lose only 0.26% of power per year while most conventional panels lose 0.7%-0.8%. Panasonic panels end up with more than 90% of their initial power output after 25 years. These are among the best numbers in the industry in that regard.

Panasonic solar panels doha

Panasonic has offices and representatives all around the world everywhere so getting customer"s support is easy. Most likely you"ll never need it, since the failure rate of Panasonic panels is very low. For example, among 4 million modules supplied in Europe, only 170-180 panels were malfunctioning.

Contact us for free full report

Web: https://www.hollanddutchtours.nl/contact-us/
Email: energystorage2000@gmail.com
WhatsApp: 8613816583346