SNAPSHOT

CanadianSolar

OVERVIEW

PROJECT
Hodmezo Greenhouse

LOCATION
Hódmezővásárhely, Hungary

SYSTEM SIZE
90 kW

ACTIVATED
May 2012

MODULE
CS6P-P

MOUNTING TYPE
Roof and Ground Installation

Greenhouse offsets high electricity consumption with 90 kW of Canadian Solar PV modules

The owner of a greenhouse, used to grow vegetables in southern Hungary, is using self-produced solar energy to help meet electricity needs. The PV system was developed and installed in three weeks by Manitu Solar, a leading solar company in Hungary. Optimizing space to meet the customer's needs, Manitu Solar divided the 90 kW system across two locations. Roughly 50 kW was installed on a trapezoidal steel roof of a near-by building while 40 kW was ground mounted on the southern side of the greenhouse.

Built entirely with Canadian Solar CS6P-P modules, the system contributes to the owner's overall renewable energy strategy. Using geothermal technology to heat the green-house, most of the additional electricity needs are now met by the PV solution. Offsetting the large electricity consumption with self-produced solar energy, the customer is set to save over €12,000 annually on their electricity bill.

"With over 100 solar PV systems installed in Hungary, we have a great understanding of the market and our customer's needs. We are committed to building quality solutions at a competitive cost, and search for partners that share in our mission. Since connected, this PV system has performed better than initial simulations had predicted. That is a true testament to Canadian Solar's quality and value!"

Norbert Nagy, CEO Manitu Solar Kft.

INSTALLED BY

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SNAPSHOT

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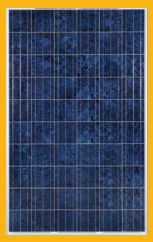
TECHNICAL DATA

A strong balance between power and price make these modules Canadian Solar's best sellers worldwide. CS6P-P is a standard 60 cell solar module known for its performance, reliability and suitability for all types of applications.



MODEL
CS6P-P

PMAX
235-255 W

CELL TYPE
Poly-crystalline

DIMENSIONS
1638 x 982 x 40 mm

WEIGHT
19 kg

With no government supported feed-in-tariff in Hungary, this project is a role model for the country's emerging solar market pioneers. Looking to EU-funds to support green energy usage the owner was able to apply for a 50 percent direct investment subsidy. Additionally, under a net-metering system the owner will receive credit for electricity the system generates in excess of the amount consumed within a yearly billing period. All this considered, the financial investment of the installation is estimated to be made back in six to seven years time.

The CS6P-P modules are well suited for ground and rooftop installations and are among the top-ranked in the industry in PV USA (PTC) ratings, which are quickly becoming universally accepted standards for measuring real-world module energy production and performance.

Canadian Solar Inc. (NASDAQ:CSIQ) is one of the world's largest solar companies

As a leading vertically integrated provider of ingot, wafer, solar cell, solar module and other solar applications, Canadian Solar designs, manufactures and delivers solar products and solar system solutions for on-grid and off-grid use to customers worldwide. With operations in North America, Europe, Africa, Australia and Asia, Canadian Solar provides premium quality, cost-effective and environmentally-friendly solar solutions to support global, sustainable development.

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