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SunTop

Roof Mounted Solar PV System

10kW

Flush Mounted Solution

The provincial government's recently launched Feed-In Tariff program offers people living in the rural and agricultural communities of Ontario an excellent opportunity to generate stable income from their rooftops.

Isolara's SunTop solution installs directly onto the roof of a barn, outbuilding or house and is compatible with virtually all types of roofing systems, including both corrugated and standing seam metal roofs.

SunTop systems are designed not only to be ultra-productive but also to endure well beyond the 20 year lifespan of an OPA microFIT contract.



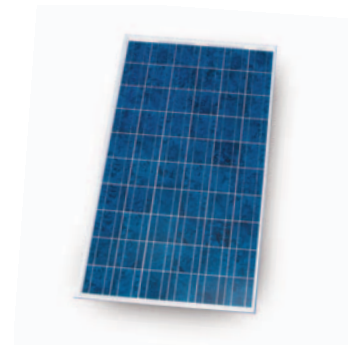
Superior Durability & Design

The SunTop system is designed to withstand the realities of Ontario's seasonal climate. The racking portion of the system is built with high grade aluminum and stainless steel.

The solar panels and microinverters used in Isolara's SunTop system are rated to -40 C and come with the best warranties available in the industry.

Industry leading Solar Panels

The Isolara SunTop system includes solar panels manufactured by Canadian Solar Inc. The panels are perfectly suited to Ontario's climate and are world renowned for their high quality construction, superior power yields and long-term productivity. The panel frames are constructed with a heavy duty, anodized aluminum alloy and the solar cells are covered with a low iron tempered glass, resulting in an exceptionally strong module with a snow load capacity of 5400 Pa.



Latest Microinverter Technology

Isolara's SunTop system employs microinverter technology to convert the DC power generated by each solar panel into grid compatible AC electricity. This individualized approach to power conversion typically produces a 10-15% increase in yield over a central string inverter system and eliminates the possibility of entire circuits being down during an inverter failure.



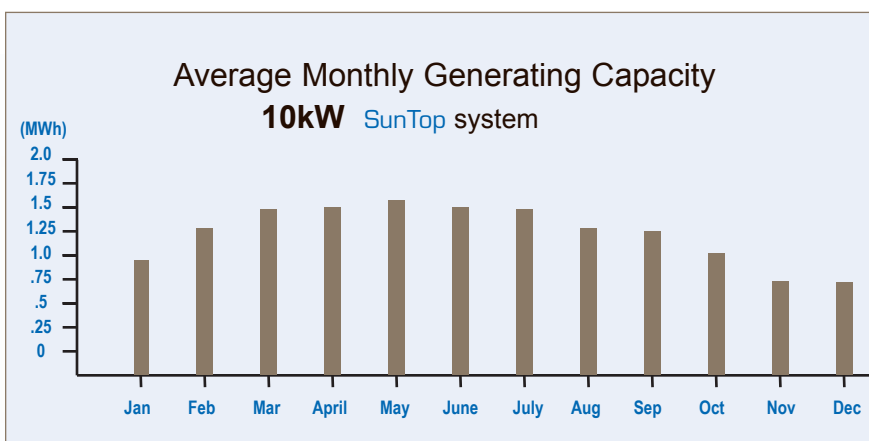
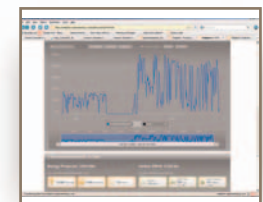
Web Based Performance Monitoring

The SunTop system's use of microinverter technology not only increases the overall productivity, stability and reliability of the solar array, but also allows owners and technicians the ability to monitor system performance from virtually anywhere. The microinverters in the SunTop system regularly broadcast performance data for each of the individual solar panels and are able to issue instant alerts if an anomaly such as debris on a panel is detected.



Online Analysis Tools

SunTop system owners can analyze the performance data from their solar array online anytime. Productivity Reports can be generated for a variety of time intervals and the Environmental Benefits of the system are continually calculated in terms of Carbon Offsets or equivalent positive impacts.



microFIT - Earnings Potential

A 10kW Isolara SunTop system situated on a shade free, south facing roof in Eastern Ontario will generate approximately 10-13 MWh of electricity over the course of a year. At the current OPA offer price of 80.2 cents per kWh, that translates into roughly \$10,000 worth of potential annual revenue for a SunTop system owner.