

MyGrid PEAK : Grid-Tied Solar Design Package



Price: CAD \$100.00

SKU: MYGRID-PEAK-DESIGN

Product Categories: [Residential Solar](#), [Design](#), [Design Packages](#), [Home](#), [On The Roof](#), [Pop Picks For Homes](#)

Product Tags: [canada](#), [duo](#), [enphase](#), [enphase iq](#), [grid tie](#), [Hanwha](#), [home solar](#), [iq](#), [ironridge](#), [mygrid peak](#), [offset](#), [optimized](#), [package](#), [peak](#), [q cells](#), [qcells](#), [rec](#), [solar energy](#), [solar system](#), [utility](#)

Product Page: <https://www.modernoutpost.com/product/mygrid-peak-optimized-grid-tied-residential-solar/>

Product Summary

This is the design package to choose if you want your system to look great in addition to providing phenomenal performance. We will design a custom solar energy system for you that will include the latest all-black solar modules, with black racking system that cuts flush to the edges of your solar modules for clean lines and a sleek appearance. Direct grid-tie for Net Metering, grid-tie with battery back-up, or off-grid.

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Proof that solar can be look good, these systems blend neatly with your roof. They are NOT built with silver frames, and tinker-toy racking, or feature conduit piping criss-crossing your roof. No, these systems are low-profile, and sleek. Your neighbours will envy, and your realtor will drool. Your home will enter the world of renewable energy in style.

The Fee

A lot of thought & effort goes into our designs. We make sure that the equipment we specify is appropriate for your specific location, your budget, and your energy goals. The design fee we charge gets applied as a credit against any eventual equipment purchase (no time horizon).

The Design Process

Step 1 : Confirm the Location Details

We use satellite imagery to model your roof or property, so will discuss your options with you before we get started.

Step 2 : Solar Performance Simulation Report

This report illustrates your installation layout and the energy you can expect to generate on a monthly average and annual basis. Compare the production numbers against your utility bills to know how much your system will offset.

Step 3 : Engineering Documents

We include all equipment spec sheets, engineering reports, & installation manuals, so you know exactly what we are proposing.

Step 4 : Equipment specification & quotation

Our quotations include a line-by-line accounting of all the equipment in your system. We want you to have the full details.

The Solar Modules : All-Black, Split-Cell

We select the most current all-black solar modules in the upper echelon of 60-cell, 66-cell, and 72-cell formats for the MyGrid PEAK designs. Modules selected are also split-cell. This means they are assembled in two sections which keeps shading issues from affecting the entire module. It also means optimized internal electrical connections for higher performance. Black monocrystalline cells, with black frames & backsheets blend into roof spaces extremely well. The end result is the highest yield from your solar array than any other architecture, while providing the best aesthetics.

The Inverter(s) : Microinverters, String, or Hybrid

We will consult with you regarding the best choice of inverter platform to meet your goals.

Microinverters are on the roof behind your solar modules which avoids taking-up wall space in your garage or utility room. They are completely silent, provide the best shade mitigation, electrician-friendly AC wiring, and overall system redundancy. The leading brands offer battery storage options if desired.

String inverters are the economical option, reliably converting your solar array to AC power and synchronizing with the utility power. Battery storage is usually not a feature.

Hybrid inverters provide perform as string inverters, but also provide additional integration features such as battery & generator inputs. Manage your energy to best defend against utility rate schemes. Grid buy/sell, or buy-only when needed, the programming options are many.

The Racking : Ironridge

Why not optimize your home's curb appeal while you optimize your solar output? The Ironridge XR series rail system provides the strength and appearance most homeowners prefer. We've selected black rails for the MyGrid PEAK series in order to minimize visibility under the array, plus a hidden end clamp that allows the rails to be cut flush to the ends of the solar modules. No more ugly clamp brackets on the ends of your rails! Ironridge rails have a rounded triangular shape that provides superior strength to withstand snow loads beyond other rails' abilities. End caps complete a clean look for your roof.

An invoice with complete parts list, and installation manuals, are provided with your order.

We look forward to working with you!

Product Attributes

- Weight: 100 kg