

## 400W Solaria PowerXT-400R-PM Solar Module



Price: CAD \$1,199.00

**SKU:** SAPOWERXT-400R-PM

**Product Categories:** [XXL Modules : 400W+](#), [Roof / Ground / Pole](#), [Shop](#), [Solar Modules](#)

**Product Tags:** [400w solar](#), [canada](#), [powerxt 400](#), [powerxt canada](#), [solaria 400w](#), [solaria canada](#), [solaria powerxt 400r-pm](#), [solaria powerxt 400r-pm canada](#)

**Product Page:**

<https://www.modernoutpost.com/product/400w-solaria-powerxt-400r-pm-solar-module/>

### Product Summary

The beautiful Solaria PowerXT-400R-PM 400W is the module we promote when maximum power and aesthetics matter. Solaria PowerXT 400W leverages Solaria's patented cell design, superior panel architecture and innovative assembly techniques to significantly boost power generation and provide outstanding performance.

## Product Description

The beautiful Solaria PowerXT-400R-PM 400W is the module we promote when maximum power and aesthetics matter. Boats, vans, RVs, and homes with small roof space or shading issues. When you want max power and shade mitigation in the smallest space, this is your module. Solaria PowerXT 400W leverages Solaria's patented cell design, superior panel architecture and innovative assembly techniques to significantly boost power generation and provide outstanding performance. 400 Watts of power in the footprint of a 60-cell module!

Achieving over 20% efficiency at the module level, Solaria PowerXT solar panels are one of the highest power panels in the residential and commercial solar market.

Compared to conventional panels, Solaria PowerXT panels have fewer gaps between the solar cells; this leads to higher power and superior aesthetics. Solaria PowerXT Pure Black™ panels are manufactured with black backsheet and frames, enhancing a home or building's architectural beauty.

### Beautiful Pure Black Technology

Solaria's patented manufacturing process not only gives the PowerXT maximum power output and efficiency but also makes it the most aesthetically pleasing solar panel on the market today.

### **Better by Design**

Solaria solar panels are more efficient and give you 20% more power than traditional panels and eliminate common failure points, devoting more of the surface to producing power.

### **Higher Efficiency, Higher Power**

Solaria PowerXT panels achieve over 20% efficiency from cells in the 22-24% efficiency range; conventional panels achieve 17% - 19% efficiency from the same types of cells. Solaria PowerXT panels are one of the highest power panels available.

### **Lower System Costs**

Solaria PowerXT panels produce more power per square meter area. This reduces

installation costs due to fewer balance of system components.

### **Improved Shading Tolerance**

Sub-strings are interconnected in parallel, within each of the four panel quadrants, which dramatically lowers the shading losses and boosts energy yield.

### **Improved Aesthetics**

Compared to conventional panels, Solaria PowerXT panels have a more uniform appearance and superior all-black aesthetics.

### **Durability and Reliability**

Solder-less cell interconnections are highly reliable and designed to far exceed the industry leading 25 year warranty.

### **PID Resistant**

Solaria PowerXT panels are PID resistant. This ensures stable and predictable energy production over time.

PowerXT-400R-PM Specifications

Max Power (Pmax) [W] : 400W

Cell Type : Monocrystalline Silicon

Module Efficiency [%] : 20.2

Open Circuit Voltage (Voc) [V] : 51.1

Short Circuit Current (Isc) [A] : 9.82

Max Power Voltage (Vmp) [V] : 42.4

Max Power Current (Imp) [A] : 9.41

Dimensions (L x W x H) : 1644mm x 1204mm x 40mm / (64.72" x 47.4" x 1.57")

Weight : 21 kg / 46 lbs

Warranty : 25 Years

[Download the Data Sheet](#)] [Download the Comparison vs Other Brands](#)] **About**

### **Solaria**

Established in 2000, The Solaria Corporation has created one of the industry's most respected IP portfolios, with over 250 issued and pending patents in PV solar cell and module technology. Headquartered in Fremont, CA.

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 20 kg