

370W Solaria PowerXT-370R-PD



Price: CAD \$749.00

SKU: SAPOWERXT-370R-PD

Product Categories: [Discontinued](#)

Product Tags: [370 watt](#), [370w](#), [all-black](#), [black solar module](#), [black solar panel](#), [canada](#), [powerxt-360r-pd](#), [powerxt-370r-pd](#), [powerxt-370r-pd canada](#), [Solaria](#), [solaria 370 canada](#), [solaria canada](#), [solaria powerxt](#), [solaria powerxt canada](#), [solaria powerxt-360r-pd](#), [solaria powerxt-370r-pd](#), [solaria solar module](#)

Product Page:

<https://www.modernoutpost.com/product/370w-solaria-powerxt-370r-pd/>

Product Summary

The 370W Solaria PowerXT-370R-PD solar module is one of our leading aesthetic solutions. The all-black construction, with wall-to-wall cell architecture, creates a uniform appearance that blends with the most demanding architectural requirements. Due to the dense cell architecture, Solaria modules also provide one

of the highest efficiencies available (Watts/m²).

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Achieving up to 20% efficiency, Solaria PowerXT solar modules are one of the highest power modules in the residential solar market. Compared to conventional modules, Solaria PowerXT modules have no gaps between the solar cells; this leads to higher power and superior aesthetics. Solaria PowerXT residential modules are manufactured with black backsheet and frames, giving them a striking appearance. Developed in California, Solaria's patented cell cutting and module assembly takes processed solar wafers and turns them into PowerXT solar modules. The process starts by creating a highly reliable PowerXT cell where busbars and ribbon interconnections are eliminated. Solaria then packages the cells into the PowerXT solar module, reducing inactive space between the cells. All of the above leads to an exceptionally efficient solar module produced in a cost effective manner.

Solaria PowerXT-370R-PD Features

Higher Efficiency, Higher Power

Solaria PowerXT modules achieve up to 20% efficiency; conventional modules achieve 15% - 17% efficiency. Solaria PowerXT modules are one of the highest power modules available.

Lower System Costs

Solaria PowerXT modules 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 module

quadrants, which dramatically lowers the shading losses and boosts energy yield.
See our Power In the Shade video.

[Download Whitepaper](#)

Improved Aesthetics

Compared to conventional modules, Solaria PowerXT modules have a more uniform appearance and superior aesthetics.

Durability and Reliability

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

Solaria PowerXT-370R-PD Specifications Electrical

Max Power (Pmax) : 360 Watts

Efficiency : 20.5%

Open Circuit Voltage (Voc) : 48.3V

Short Circuit Current (Isc) : 9.6A

Max Power Voltage (Vmp) : 40.2V

Max Power Current (Imp) : 9.2A

Power Tolerance : -0/+3%

Mechanical

Cell Type : Monocrystalline Silicon

Dimensions (L x W x D) : 1621mm x 1116mm x 40mm (63.8 x 43.9 x 1.57)

Weight : 21 kg / 46 lbs

Glass Type / Thickness : AR Coated, Tempered / 3.2mm

Frame Type : Anodized Aluminum

Cable Type / Length : 12 AWG PV Wire (UL) / 1000mm

Connector Type : Amphenol H4 (MC4 compatible)

Junction Box : IP67 / 4 diodes

Front Load (UL 1703) : 5400 Pa / 113 psf*

Rear Load (UL 1703) : 2400 Pa / 50 psf*

Certifications

UL 1703 / IEC 61215 / IEC 61730 / CEC CAN / CSA-C22.2

Fire Type (UL 1703) 1

Power & Product Warranty 25 years*

Download: [Datasheet PowerXT 370R-PD](#)] **About Solaria**

Established in 2000, The Solaria Corporation has created one of the industry's most respected IP portfolios, with over 100 patents encompassing materials, processes, applications, products, manufacturing automation and equipment. Headquartered in Fremont, California, Solaria has developed a technology platform that unlocks the potential of solar energy allowing it to be ubiquitous and universally accessed.

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 20 kg

Product Gallery



