SOLARIA

Solaria PowerXT[®] | DC Panel



Solaria PowerXT[®]-370R-PD

Achieving 20.5% efficiency, 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.

Higher Efficiency, Higher Power

Solaria PowerXT panels achieve up to 20.5% efficiency; conventional panels achieve 15% - 17% efficiency. 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 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 insures stable and predictable energy production over time.

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 Oakland, California, Solaria has developed a technology platform that unlocks the potential of solar energy.





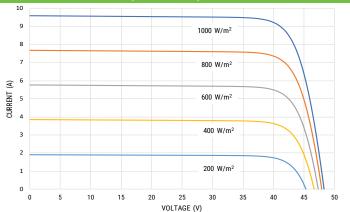
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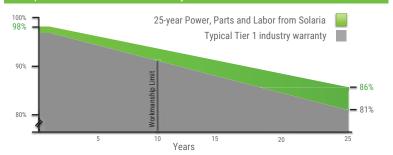
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1 10.1	45.4
] 7.73	7.74
] 36.7	37.0
] 7.32	7.35
[°C]	45 +/-2
[% / °C]	-0.39
[% / °C]	-0.29
[% / °C]	0.04
	\] 7.32 [°C] [% / °C] [% / °C]

Design Parameters		
Operating temperature	[°C]	-40 to +85
Max System Voltage	[V]	1000
Max Fuse Rating	[A]	15
Bypass Diodes	[#]	4

IV Curves vs. Irradiance (370W Panel)



Comprehensive 25-Year Warranty



Solaria PowerXT®-370R-PD

Mechanical Characteristics			
Cell Type	Monocrystalline Silicon		
Dimensions (L x W x H)	63.8" x 43.9" x 1.57"		
	1621mm x 1116mm x 40mm		
Weight	21 kg / 46 lbs		
Glass Type / Thickness	AR Coated, Tempered / 3.2mm		
Frame Type	Black Anodized Aluminum		
Cable Type / Length	12 AWG PV Wire (UL) / 1000mm		
Connector Type	MC4		
Junction Box	IP67 / 4 diodes		
Front Load	5400 Pa / 113 psf*		
Rear Load	3600 Pa / 75 psf*		
* Refer to Solaria Installation Manual for details			

Certifications / Warranty

Certifications U Fire Type (UL 1703) Warranty * Warranty details at www.solaria.com

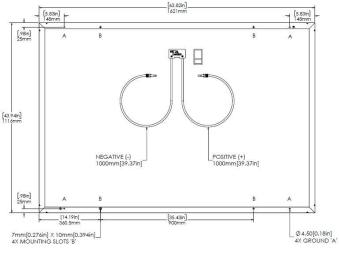
UL 1703/IEC 61215/IEC 61730/CEC CAN/CSA-C22.2 1 25 years*

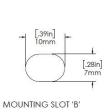
Packaging

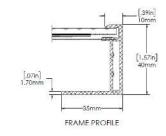
Stacking Method Panels/ Pallet Pallet Dims (L x W x H)

Horizontal / Palletized 25 65.7" x 45.3" x 48.4" 1668mm x 1150mm x 1230 mm 590 kg / 1300 lbs 28 700

Pallet Weight Pallets / 40-ft Container Panels / 40-ft Container







The Solaria Corporation 1700 Broadway, Oakland, CA 94612 P: (510) 270-2507 www.solaria.com Product specifications are subject to change without notice.

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