

Performance at STC (1000W/m², 25° C, AM 1.5)

Solaria PowerXT-		345R-PD	350R-PD	355R-PD	360R-PD
Max Power (P _{max})	[W]	345	350	355	360
Efficiency	[%]	19.1	19.4	19.6	19.9
Open Circuit Voltage (V _{oc})	[V]	46.9	47.1	47.4	47.7
Short Circuit Current (I _{sc})	[A]	9.46	9.49	9.53	9.56
Max Power Voltage (V _{mp})	[V]	38.5	38.8	39.1	39.5
Max Power Current (I _{mp})	[A]	8.93	9.02	9.09	9.13
Power Tolerance	[%]	-0/+3	-0/+3	-0/+3	-0/+3

Performance at NOCT (800W/m², 20° C Amb, Wind 1 m/s, AM 1.5)

Max Power (P _{max})	[W]	255	259	261	265
Open Circuit Voltage (V _{oc})	[V]	44.1	44.3	44.6	44.8
Short Circuit Current (I _{sc})	[A]	7.66	7.69	7.68	7.71
Max Power Voltage (V _{mp})	[V]	35.4	35.7	36.0	36.3
Max Power Current (I _{mp})	[A]	7.15	7.22	7.27	7.30

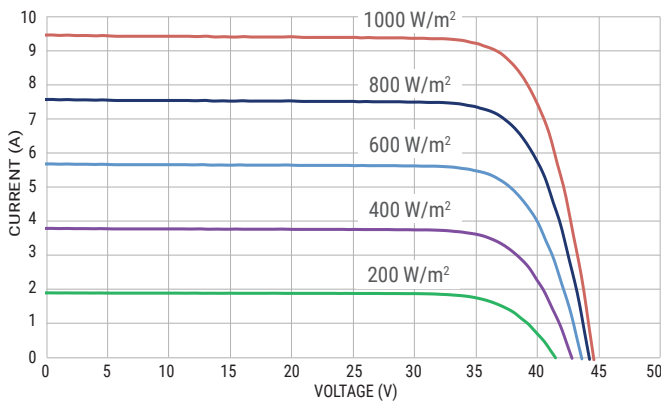
Temperature Characteristics

NOCT	[°C]	45 +/-2
Temp. Coeff. of P _{max}	[% / °C]	-0.39
Temp. Coeff. of V _{oc}	[% / °C]	-0.29
Temp. Coeff. of I _{sc}	[% / °C]	0.04

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 (350W Module)



Authorized Dealer



Mechanical Characteristics

Cell Type	Monocrystalline Silicon
Dimensions (L x W x H)	1621mm x 1116mm x 40mm
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*

* Refer to Solaria Installation Manual for details

Certifications / Warranty

Certifications	UL 1703/IEC 61215/IEC 61730/CEC CAN/CSA-C22.2
Fire Type (UL 1703)	1
Power & Product Warranty	25 years*

* Warranty details at www.solaria.com

Packaging

Stacking Method	Horizontal / Palletized
Pcs / Pallet	25
Pallet Dims	1668 x 1150 x 1230 mm
Pallet Weight	590 kg / 1300 lbs
Pallets / 40-ft Container	28
Pcs / 40-ft Container	700

