

SOLARIA®



**Solaria 270W/275W/280W
Module Specifications**



ELECTRICAL SPECIFICATIONS*

ELECTRICAL PARAMETER	Solaria 280			Solaria 275			Solaria 270																				
	Peak Power, Pmax (Watts)	280	275	270	Open Circuit Voltage, Voc (V)	44.57	44.39	44.18	Short Circuit Current, Isc (A)	8.27	8.15	8.04	Voltage at Pmax (V)	35.92	35.57	35.14	Current at Pmax (A)	7.80	7.73	7.69	Max Series Fuse Rating (A)	15	15	15	Max System Voltage (V)	US600/IEC1000	US600/IEC1000

SOLARIA®

MODEL: SOLARIA 270

Peak Power	(Pmax)	270	W
Voltage at Pmax	(Vmp)	35.10	V
Current at Pmax	(Imp)	7.69	A
Open Circuit Voltage	(Voc)	44.20	V
Short Circuit Current	(Isc)	8.04	A
Maximum Series Fuse		15	A

All ratings at standard test conditions: 1000W/m2, AM 1.5 spectrum, 25°C
Field connections, use-min. 12 AWG copper wires insulated for 90°C min.

~ WARNING ~
ELECTRICAL HAZARD
Read and comply with
product installation manual.

---BARCODE---

Serial number with traceability for date and
place of manufacture

UL Fire Rating Class C - IEC Safety Class II

CE

Maximum System Voltage US-600V, IEC-1000V

Made in the USA
www.solaria.com
PSC3002-05

ELECTRICAL

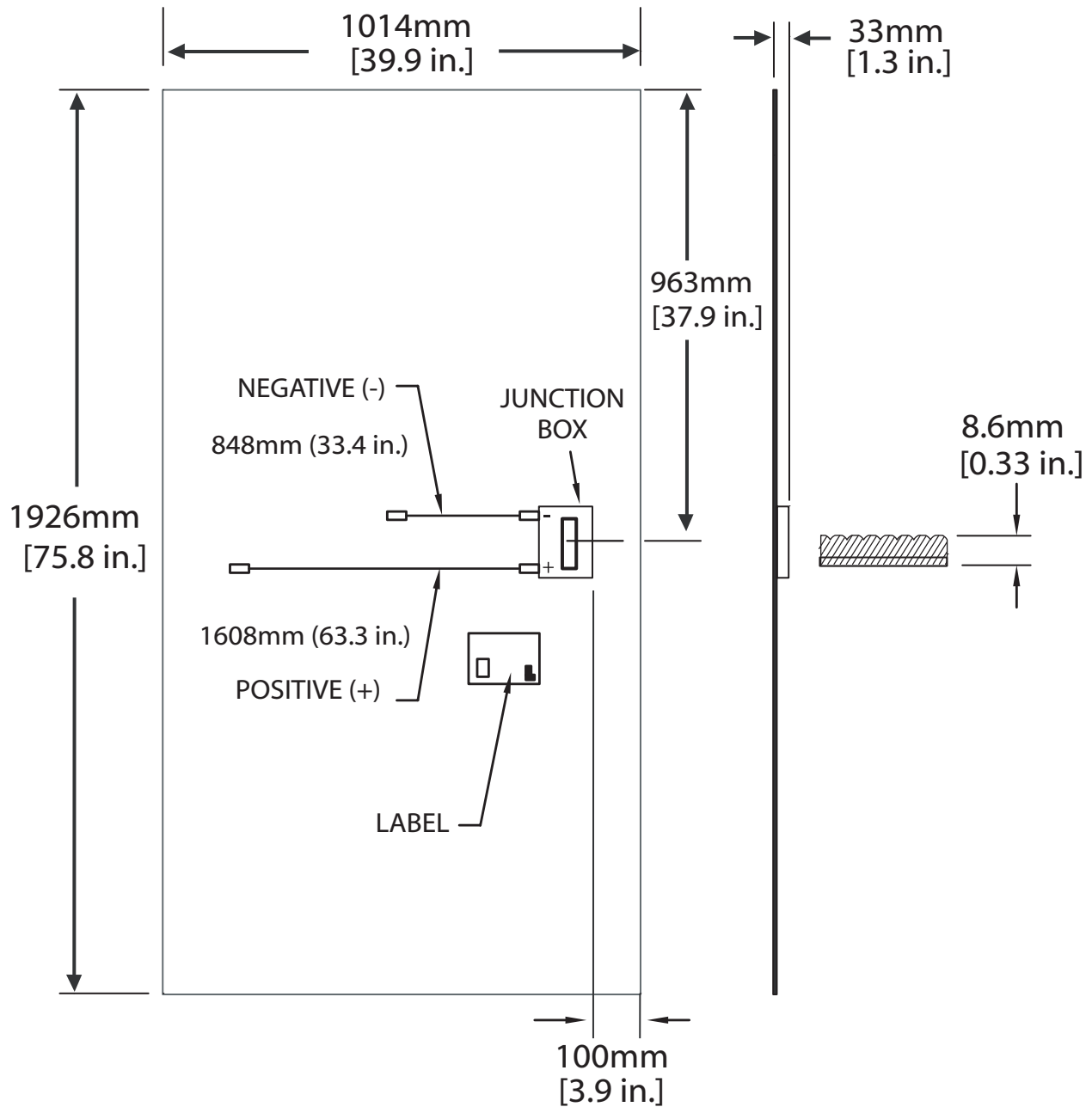
Cells	Monocrystalline
Bypass Diodes	3
Ratings	15 Amps each
Max Vrrm	45 Volts
Type	Diotec SB1540

TEMPERATURE COEFFICIENTS

Isc	0.05	%/°C
Voc	-0.32	%/°C
Pmax	-0.44	%/°C

MECHANICAL DIMENSIONS:

- Frameless Module Weight: 74 lbs
- Nominal dimensions in millimeters and [inches] – Not Drawn to Scale





Solaria USA

6200 Paseo Padre Pkwy
Fremont, CA 94555
United States of America
T: +1-510-270-2500
F: +1-510-793-8388

Solaria Germany

Oranienburger Strasse 17
10178 Berlin Germany
P: +49 (30) 5210 70 81 0
F: +49 (30) 5210 70 81 9

Solaria India

202 SSH Pride, Plot 273
Road No. 78
Jubilee Hills, Hyderabad
AP 500096, India
T: +91 40 2355-4787
F: +91 40 2355-4883

www.solaria.com