Sunmodule **SW 325 XL MONO**



NOW **AVAILABLE**



TUV Power controlled: Lowest measuring tolerance in industry



Every component is tested to meet 3 times IEC requirements



Designed to withstand heavy accumulations of snow and ice



Available with either 1000 V or 1500 V maximum voltage rating



25-year linear performance warranty and 10-year product warranty



Glass with anti-reflective coating

- Qualified, IEC 61215
 Safety tested, IEC 61730
 Blowing sand resistance, IEC 60068-2-68
 Ammonia resistance, IEC 62716
 Salt mist corrosion, IEC 61701



Periodic inspection
 Terrolled











World-class quality

Fully-automated production lines and seamless monitoring of the process and material ensure the quality that the company sets as its benchmark for its sites worldwide.

SolarWorld Plus-Sorting

Plus-Sorting guarantees highest system efficiency. SolarWorld only delivers modules that have greater than or equal to the nameplate rated power.

25-year linear performance guarantee and extension of product warranty to 10 years

SolarWorld guarantees a maximum performance digression of 0.7% p.a. in the course of 25 years, a significant added value compared to the two-phase warranties common in the industry, along with our industry-first 10-year product warranty.*

*in accordance with the applicable SolarWorld Limited Warranty at purchase. www.solarworld.com/warranty



Sunmodule* SW 325 XL MONO



PERFORMANCE UNDER STANDARD TEST CONDITIONS (STC)*

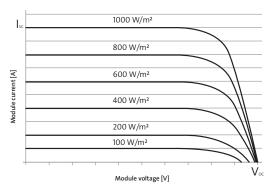
		SW 325	
Maximum power	P _{max}	325 Wp	
Open circuit voltage	V _{oc}	46.1 V	
Maximum power point voltage	V_{mpp}	37.0 V	
Short circuit current	I _{sc}	9.48 A	
Maximum power point current	I _{mpp}	8.84 A	
Module efficiency	$\eta_{_{m}}$	16.29 %	

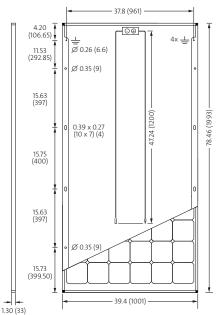
*STC: 1000W/m², 25 °C, AM 1.5

PERFORMANCE AT 800 W/M², NOCT, AM 1.5

		SW 325
Maximum power	P _{max}	247.7 Wp
Open circuit voltage	V _{oc}	40.2 V
Maximum power point voltage	V_{mpp}	34.0 V
Short circuit current	I _{sc}	7.88 A
Maximum power point current	I _{mpp}	7.28 A

 $Minor\ reduction\ in\ efficiency\ under\ partial\ load\ conditions\ at\ 25\ ^{\circ}C:\ at\ 200\ W/m^{2},\ 100\%\ of\ the\ STC\ efficiency\ (1000\ W/m^{2})\ is\ achieved.$





All units provided are imperial. SI units provided in parentheses. SolarWorld AG reserves the right to make specification changes without notice.

COMPONENT MATERIALS

Cells per module	72	Front	Low-iron tempered glass with ARC (EN 12150)
Cell type	Monocrystalline	Frame	Clear anodized aluminum
Cell dimensions	6.17 in x 6.17 in (156.75 x 156.75 mm)	Weight	47.6 lbs (21.6 kg)

THERMAL CHARACTERISTICS

NOCT	46 °C
TCI _{sc}	0.042%/°0
TCV _{oc}	-0.304% / °C
TCP _{mpp}	-0.43% / °(
Operating temperature	-40 to +85 °C

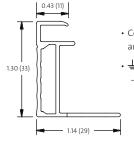
ADDITIONAL DATA

Power sorting	-0 Wp/+5 Wp
J-Box	IP65
Connector	PV wire per UL470 with H4/UTX connector
Module fire perfor	<i>mance</i> (UL 1703) Type 1

PARAMETERS FOR OPTIMAL SYSTEM INTEGRATION

Maximum system voltage NEC		1000 V or 1500 V - Specify when ordering
Maximum system voltag	ie SC II	1000 V
Maximum reverse curren	nt	25 A
Number of bypass diodes	5	3
Design loads*	Two rail system	113 psf downward, 64 psf upward
Design loads*	Edge mounting	178 psf downward, 23 psf upward

^{*}Please refer to the Sunmodule installation instructions for the details associated with these load cases.



- Compatible with both "Top-Down" and "Bottom" mounting methods
- ☐ Grounding Locations:
- 4 locations along the length of the module in the extended flange.

SW-01-7541US 160907