# SUNPOWER

## E20/333 and E20/327 SOLAR PANELS

### 20% EFFICIENCY

SunPower E2O panels are the highest efficiency panels on the market today, providing more power in the same amount of space

## TRANSFORMERLESS

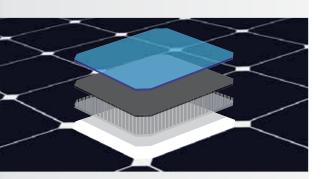
Comprehensive inverter compatibility ensures that customers can pair the highestefficiency panels with the highest-efficiency inverters, maximizing system output

## POSITIVE POWER TOLERANCE

Positive tolerance ensures customers receive the rated power or higher for every panel

## RELIABLE AND ROBUST DESIGN

SunPower's unique Maxeon™ cell technology and advanced module design ensure industry-leading reliability



## MAXEON™ CELL TECHNOLOGY

Patented all-back-contact solar cell, providing the industry's highest efficiency and reliability.





## THE WORLD'S STANDARD FOR SOLAR™

SunPower<sup>™</sup> E20 Solar Panels provide today's highest efficiency and performance. Powered by SunPower Maxeon<sup>™</sup> cell technology, the E20 series provides panel conversion efficiencies of up to 20.4%. The E20's low voltage temperature coefficient, anti-reflective glass and exceptional low-light performance attributes provide outstanding energy delivery per peak power watt.

### 20% 15% 14% 10% 10% THIN FILM CONVENTIONAL **918** SERIES **919 920** SERIES SERIES SERIES

## SUNPOWER'S HIGH EFFICIENCY ADVANTAGE



### sunpowercorp.com

### MODELS: SPR-333NE-WHT-D, SPR-327NE-WHT-D

ELECTRICAL DATA Measured at Standard Test Conditions (STC): Irradiance 1000W/m², AM 1.5, and cell temperature 25° C					I-V CURVE								
Nominal Power (+5/-0%)	P <sub>nom</sub>	333 W	327 W	7	7 1000 W/m <sup>2</sup> at 50° ¢								
Cell Efficiency	η	22.8% 20.4% 54.7 V 6.09 A 65.3 V 6.46 A 1000 V	22.5%	6	-	000 W/m²							
Panel Efficiency	η		20.1 %	a 5									
Rated Voltage	V <sub>mpp</sub> I <sub>mpp</sub> V <sub>oc</sub> I <sub>sc</sub> IEC		54.7 V 5.98 A 64.9 V 6.46 A 1000 V	Current (A)		00 W/m <sup>2</sup>							
Rated Current					5	00 W/m²							
Open-Circuit Voltage				2									
Short-Circuit Voltage				1	1	200 W/m <sup>2</sup>							
Maximum System Voltage				C	0	10	20	30	40	50	60		
Temperature Coefficients	Power (P)	– 0.38%/K			U	10	10 20 30 40 50 60 Voltage (V)						
	Voltage (V <sub>oc</sub>	) – 176	– 176.6mV/K		oltage o	e characteristics with dependence on irradiance and module temperature							
	Current (I <sub>sc</sub> )	3.5	mA /K										
NOCT		45°C	+/- 2°C	٦	EST	ED C	PERATI	NG C	ON		NS		
Series Fuse Rating		20 A		Tempe	rature		– 40° C to +85° C						
Limiting Reverse Current (3 stri	ngs) I <sub>R</sub>	I <sub>R</sub> 16.2 A			bad		550 kg/n	n² (5400 P	a), front	(e.g. sno	ow)		
Grounding	Posit	Positive grounding not required			Juu		•	ied mount	Ũ	Ũ			
ELEC	CTRICAL DA	ТΛ					245 kg/n	n² (2400 P	'a) front	and bac	k (e.g. w	ind	
LLL Measured at Nominal Operating Cell T			C, wind 1 m/s	Impac	t Resis	tance	Hail: 25 r	mm at 23 r	m/s				
Nominal Power	P <sub>nom</sub>	247 W	243 W										
Rated Voltage	50.4 V	50.4 V	WARR.			ies an	ID CEF	RTIFIC	CATIC	dns			
Rated Current	I <sub>mpp</sub>	4.91 A	4.82 A	Warro	25-year limited power warranty								
Open-Circuit Voltage	61.2 V	.2 V 60.8 V			10-year limited product warranty								
Short-Circuit Voltage	I <sub>sc</sub>	5.22 A	5.22 A	Certifications		EC 61215 Ed. 2, IEC 61730 (SCII)							
		1	MECHANIC	AL DAT	Δ								
Cells 96 SunPowe	r Maxeon™ cells	1	VILCITAINIC			1000		())    0					
Front Glass High-transmission tempered glass with c			anti-reflective (AR) coating		Output Cables 1000 mm cables / Multi-Contact (MC2					NC4) con	nectors		
Junction Box IP-65 rated v					Anoc	Anodised aluminium alloy type 6063 (black)							
32 x 155 x					18.6	18.6 kg							
			DIMENS	IONS									
A Coundira II I I					-		. 2X 1200						
→ Grounding Holes		V 200 *	2X 262 [10.30]				[47.24] 12 Ø6.6 [.26]		-	4X 1	180 1.07]		
MM (IN)		<sup>1X</sup> 399 * 2 [15.70] 2	<sup>2X</sup> 30 [1.18]	2X 577 [22.70]	_		= 8 Ø4.2 [.17]	\-+	-	4X 23			
					 ↑			<u></u>		1	_		
			→		-					2X 11.0 [.43]			
┿┿┿┽┫	┽┽┽┼	<u>↓</u> ↓ ↓		Ø4.2	- <b>b</b> 4			1,		[.43] 6X 1	002		
			.18]					/		[3	002 9.45]		
┣╇╇	┶┿┿┿	$\mathbf{A} = \mathbf{A} = $							$\rightarrow$	<u>+</u>			
┾┽┽┫	┽┽┽┼	┝┼┥			$\checkmark$		$\checkmark$	$\checkmark$					
	1559 [61.39]		4X 3.2 *	4X	322	-	. <sup>2X</sup> 915 — [36.02] —			2X 26	1.5		
	161 39		1 1 3 1 1 1 1	11	[12.69]		[36.02]		1	[10	.30]		

Please read safety and installation instructions before using this product, visit sunpowercorp.com for more details.

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