

# Really strong.

## SunPower Performance 3

Innovative shingle technology.  
Attractive performance provider.

### Your benefits at a glance

- The innovative shingle cell connection technology provides more performance.
- Conductive adhesives increase stability and counteract material fatigue.
- Flexible, redundant cell connections minimize power losses.
- Patented encapsulation material protects cells and minimizes degradation.

completely black modules integrate harmoniously into the roof construction and add elegance to the home.

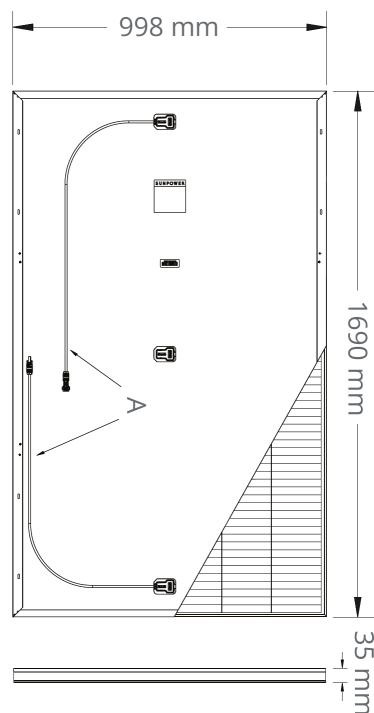
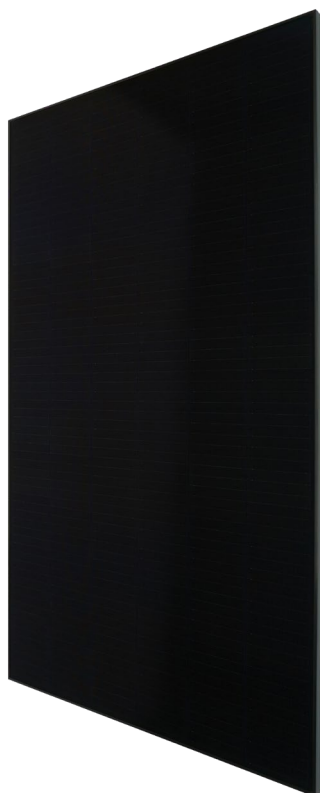
The SunPower Performance solar modules connect conventional cells with over 35 years of expertise in material and production. The result is a module that exceeds the reliability and aesthetics of conventional modules. The innovative shingle technology offers a high degree of long service life and high performance even with partial shadowing and at higher temperatures. Thanks to advanced technology and material research, SunPower Performance modules withstand mechanical loads better. Thanks to their aesthetic design, the

#### WEBINAR

Bifacial, shingled and Co. – new module technologies under the microscope.

**23.07.2020**    **26.08.2020**  
4:00 p.m.        4:00 p.m.





## Technical data

SunPower Performance 3	325	330
------------------------	-----	-----

Electrical data (STC):		
STC power P <sub>max</sub> (Wp)	325	330
STC nominal voltage U <sub>mpp</sub> (V)	35.9	36.4
STC nominal current I <sub>mpp</sub> (A)	9.05	9.07
STC open circuit voltage U <sub>oc</sub> (V)	43.6	43.9
STC short circuit current I <sub>sc</sub> (A)	9.69	9.72
Module efficiency (%)	19.3	19.6
Power tolerance (%)	-0/+5	-0/+5

Electrical data (NOCT):		
800 W/m <sup>2</sup> NOCT AM 1.5 Power P <sub>max</sub> (Wp)	239	242
800 W/m <sup>2</sup> NOCT AM 1.5 Nominal voltage U <sub>mpp</sub> (V)	32.9	33.4
800 W/m <sup>2</sup> NOCT AM 1.5 Open circuit voltage U <sub>oc</sub> (V)	40.3	40.6
800 W/m <sup>2</sup> NOCT AM 1.5 Short circuit current I <sub>sc</sub> (A)	7.76	7.78
Relative efficiency reduction at 200 W/m <sup>2</sup> (%)	3.5	3.5

Temperature coefficient:		
NOCT (°C)	45	45
Tempcoeff I <sub>sc</sub> (%/°C)	-0.36	-0.36
Tempcoeff U <sub>oc</sub> (mV/°C)	-126,44	-127,31
Tempcoeff P <sub>mp</sub> (%/°C)	-0.36	-0.36

Note:  
Please refer to the manufacturer's data sheet.

Operating conditions:	
Max. System voltage (V)	1000
Application class	A
Reverse current I <sub>r</sub> (A)	20
Current value string fuse (A)	18
Fuse protection from parallel strings	3

Mechanical properties:	
Dimensions (L x W x H in mm)	1690 x 998 x 35 mm
Weight (kg)	18.1
Max. test load, push/pull (Pa)	5400/2400
Max. design load, push/pull (Pa)	3600/1600
Front sheet (mm)	3.2 (low-iron solar glass with anti-reflection coating)
Frame	black aluminium hollow chamber frame
Cells	6 x 66
Connection type	Stäubli MC4

Warranties and certification:	
Product warranty	25 years
Power warranty	25 years / 85.5%
Certification	IEC 61215, IEC 61730, ISO 9001:2008, ISO 14001:2004