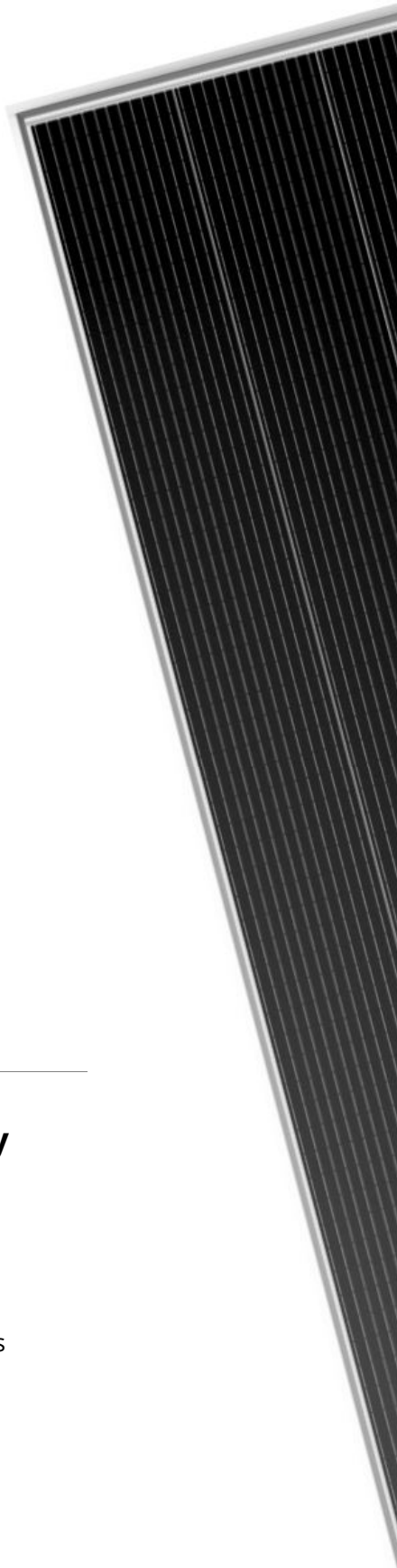
SUNPOWER | FROM MAXEON SOLAR TECHNOLOGIES



SPR-P6-XXX-COM-XS

PERFORMANCE 6 SOLAR PANEL

400-420 W | Up to 21.4% Efficient

Ideal for commercial applications

White backsheet, silver frame

Enhanced Power Density

With high efficiency, LID-resistant solar cells (G12, 210mm), a lower temperature coefficient, and front-side conductive wires that support increased current collection, SunPower Performance panels are uniquely engineered to deliver more lifetime energy over standard solar panels.

Proven Reliability

A proprietary shingled-cell design maximises durability in all types of weather conditions—including reinforced cell connections that withstand the stresses of daily temperature swings, redundant electrical paths that alleviate the impact of cell cracks, and an advanced electrical architecture that is more resilient to the effects of shade and mitigates hot-spot formation.

BETTER PRODUCT · BETTER WARRANTY
25-yr SunPower Complete Confidence

SunPower Complete Confidence Warranty

Each SunPower Performance panel is manufactured with the absolute confidence to deliver more energy and greater reliability over time—and backed for 25 years by one of the industry's most comprehensive warranties.

Product and power coverage	25 / 25 Years
Year 1 minimum warranted output	98.0%
Maximum annual degradation	0.45%

Learn more about the SPR-P6-XXX-COM-XS
sunpower.maxeon.com

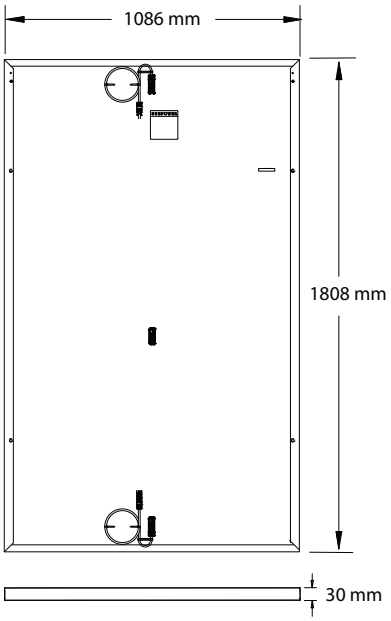
Performance 6 POWER: 400-420 W | EFFICIENCY: Up to 21.4%

Electrical Data					
	SPR-P6-420-COM-XS	SPR-P6-415-COM-XS	SPR-P6-410-COM-XS	SPR-P6-405-COM-XS	SPR-P6-400-COM-XS
Nominal Power (Pnom) [1]	420 W	415 W	410 W	405 W	400 W
Power Tolerance	+3/0%	+3/0%	+3/0%	+3/0%	+3/0%
Panel Efficiency	21.4%	21.1%	20.9%	20.6%	20.4%
Rated Voltage (Vmpp)	30.4 V	30.1 V	29.8 V	29.5 V	29.2 V
Rated Current (Impp)	13.84 A	13.81 A	13.78 A	13.75 A	13.72 A
Open-Circuit Voltage (Voc) (+/–3%)	36.2 V	36.0 V	35.8 V	35.6 V	35.4 V
Short-Circuit Current (Isc) (+/–3%)	14.72 A	14.69 A	14.66 A	14.63 A	14.60 A

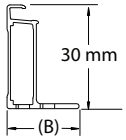
Mechanical Data	
Impact Resistance	25 mm diameter hail at 23 m/s
Solar Cells	Monocrystalline PERC
Glass	3.2 mm, Heat Strengthened Glass
Junction Box	IP-68, 3 bypass diodes
Connector	EVO2
Weight	21.0 kg
Max. Load[2]	Wind: 2400 Pa, 245 kg/m² front & back Snow: 5400 Pa, 550 kg/m² front
Frame	Silver anodized aluminum alloy

Electrical Data	
Maximum System Voltage	1500 V IEC
Temperature	−40°C to +85°C
Maximum Series Fuse	25 A
Power Temp. Coef.	–0.34% / ° C
Voltage Temp. Coef.	–0.27% / ° C
Current Temp. Coef.	0.04% / ° C

Tests And Certifications	
Standard Tests	IEC 61215, IEC 61730
Fire Rating	Class C (IEC 61730)
Quality Certs	ISO 9001:2015, ISO 14001:2015
EHS Compliance	ISO 45001-2018, Recycling Scheme



FRAME PROFILE



(A) Cable Length:
1200 mm +/-15 mm
(B) Long Side: 33 mm
Short Side: 24 mm

Please read the safety and installation instructions.
Visit www.sunpower.maxeon.com/int/PVInstallGuideIEC
Paper version can be requested through
techsupport.ROW@maxeon.com

1 Standard Test Conditions (1000 W/m² irradiance, AM 1.5, 25° C). NREL calibration Standard: SOMS current, LACCS FF and Voltage.
2 Safety factor 1.5 included.

SUNPOWER
FROM MAXEON SOLAR TECHNOLOGIES

Designed in U.S.A.
Assembled in China
Specifications included in this datasheet are subject to change without notice.

View warranty, patent and trademark information at maxeon.com/legal.

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