

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.



### 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](https://sunpower.maxeon.com)

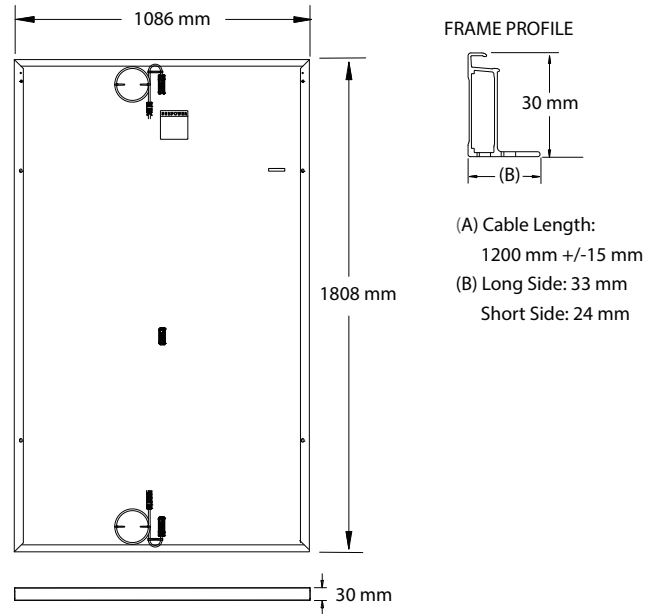
# Performance 6 POWER: 400-420 W | EFFICIENCY: Up to 21.4%

| 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 (P <sub>nom</sub> ) <sup>1</sup>   | 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 (V <sub>mpp</sub> )                | 30.4 V            | 30.1 V            | 29.8 V            | 29.5 V            | 29.2 V            |
| Rated Current (I <sub>mpp</sub> )                | 13.84 A           | 13.81 A           | 13.78 A           | 13.75 A           | 13.72 A           |
| Open-Circuit Voltage (V <sub>oc</sub> ) (+/-3%)  | 36.2 V            | 36.0 V            | 35.8 V            | 35.6 V            | 35.4 V            |
| Short-Circuit Current (I <sub>sc</sub> ) (+/-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 <sup>2</sup> | Wind: 2400 Pa, 245 kg/m <sup>2</sup> front & back<br>Snow: 5400 Pa, 550 kg/m <sup>2</sup> 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 |



Please read the safety and installation instructions. Visit [www.sunpower.maxeon.com/int/PVInstallGuideIEC](http://www.sunpower.maxeon.com/int/PVInstallGuideIEC). Paper version can be requested through [techsupport.ROW@maxeon.com](mailto:techsupport.ROW@maxeon.com)

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