

# SunPower® Monitoring | Residential SunPower PV Supervisor

## Improve Support, Reduce Costs

An intuitive monitoring website enables you to:

- See a visual map of customer sites
- Remotely manage hundreds of sites
- Remotely diagnose and troubleshoot system issues
- Drill down for the status of individual devices

## Add Value for Customers

With mySunPower™ monitoring customers can:

- Track their energy production by day, month, year and in different weather conditions
- See their energy use and estimated bill savings
- Maximize their savings with automatic system alerts and tips
- Customize storage settings and easily monitor and track available battery power
- Receive elective system reports

## SunPower® Monitoring— Plug-and-Play Installation

This complete solution for residential monitoring and control includes the SunPower® PV Supervisor (PVS) which improves the installation process, overall system reliability, and customer experience:

- Compact footprint for improved aesthetics
- Robust cloud connectivity and comprehensive local connectivity
- Flexible configuration of devices during installation
- Consumption metering
- Revenue-quality production metering
- Web-based commissioning
- Remote diagnostics of PVS and inverters
- Durable UL Type 3R enclosure helps reduce maintenance costs
- Easy integration with SunPower eBOS

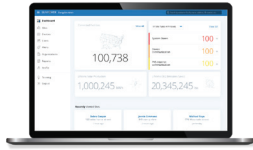
## Robust Cloud Connectivity

Multiple options to maintain optimal connectivity:

- Hardwired Ethernet
- WiFi
- Cellular backup



## SunPower® Pro Fleet Management for Installers



## mySunPower™ for Homeowners



## PVS



## SunPower® AC Modules



Site Requirements	
Number of modules supported per PVS	<ul style="list-style-type: none"> <li>85 (SunPower AC modules)</li> </ul>
Internet access	<ul style="list-style-type: none"> <li>High-speed internet access via accessible router or switch</li> </ul>
Power	<ul style="list-style-type: none"> <li>100–240 VAC (L–N), 50 or 60 Hz</li> <li>208 VAC (L–L in phase 3), 60 Hz</li> </ul>

Mechanical	
Weight	<ul style="list-style-type: none"> <li>5.5 lb (2.5 kg)</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>11.8 × 8.0 × 4.2 in. (30.5 × 20.5 × 10.8 cm)</li> </ul>
Enclosure rating	<ul style="list-style-type: none"> <li>UL 50E Type 3R</li> </ul>

Operating Conditions	
Temperature	<ul style="list-style-type: none"> <li>–22°F to +140°F (–30°C to +60°C)</li> </ul>
Humidity (max.)	<ul style="list-style-type: none"> <li>95%, non-condensing</li> </ul>

Warranty and Certifications	
Warranty	<ul style="list-style-type: none"> <li>10-year Limited Warranty</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>UL, cUL, CE, UL 61010-1 and -2, FCC Part 15 (Class B)</li> </ul>

Communication	
RS-485	<ul style="list-style-type: none"> <li>Supports string inverters, external meters, and other auxiliary devices</li> </ul>
Integrated metering	<ul style="list-style-type: none"> <li>One channel of revenue-quality production metering</li> <li>Two channels of consumption metering</li> </ul>
Ethernet	<ul style="list-style-type: none"> <li>1 LAN (or optional WAN) port</li> </ul>
PLC	<ul style="list-style-type: none"> <li>Supports SunPower AC modules</li> </ul>
WiFi	<ul style="list-style-type: none"> <li>802.11b/g/n 2.4 GHz and 5 GHz</li> </ul>
Cellular	<ul style="list-style-type: none"> <li>LTE Cat-M1/3G UMTS</li> </ul>
ZigBee	<ul style="list-style-type: none"> <li>IEEE 802.15.4 MAC, 2.4 GHz ISM band</li> </ul>
Data storage	<ul style="list-style-type: none"> <li>60 days</li> </ul>
Upgrades	<ul style="list-style-type: none"> <li>Automatic firmware upgrades</li> </ul>

Web and Mobile Device Support	
Customer site	<ul style="list-style-type: none"> <li>mysunpower.com</li> </ul>
Partner site	<ul style="list-style-type: none"> <li>monitor.sunpower.com</li> </ul>
Browsers	<ul style="list-style-type: none"> <li>Firefox, Safari, and Chrome</li> </ul>
Mobile devices	<ul style="list-style-type: none"> <li>iPhone®, iPad®, and Android™</li> </ul>
Customer app	<ol style="list-style-type: none"> <li>Create account online at mysunpower.com</li> <li>On a mobile device, download the SunPower Monitoring app from Apple App Store or Google Play™ Store</li> <li>Sign in using account email and password</li> </ol>



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