

Solar Pro Release notes

7/18/2025 Version 5.0 Update contents

1. Operability and performance added in Version 5.0

1-1. [Added functions]

Support for bifacial PV modules

1-2. [Added functions]

Support for power optimizer

1-3. [Added functions]

Added time unit options for report aggregation

1-4. [Added functions]

Support for network authentication

2. Operability and performance changed in version 5.0

2-1. [Changed functions]

Discontinued startup via protect connector

3. Operability and performance improved in Version 5.0

3-1. [Fixed the following issue]

Fixed an issue where reflected light was not displayed correctly when placing PV arrays using the slope plan input.

3-2. [Fixed the following issue]

Fixed an issue where SOL files could not be opened due to cost setting data failing to load properly.

3-3. [Fixed the following issue]

Fixed an issue where unnecessary white spaces appeared in the CSV file of I-V curve calculation results.

3-4. [Fixed the following issue]

Fixed an issue where the "Save(Instantly)" button could be pressed even when there were no power generation results, if Solar Pro was launched in an environment without a printer.

3-5. [Fixed the following issue]

Fixed an issue where shading calculation could be incorrect if part of one surface was behind another from the sun's perspective.

3-6. [Fixed the following issue]

Fixed an issue where reflected light information was not displayed when hovering over ground-reflected light with the mouse.

3-7. [Fixed the following issue]

Fixed an issue where reflected light hitting a building did not respond to mouse hover in some cases.

3-8. [Fixed the following issue]

Fixed an issue where digit units set in the economic graph settings were incorrectly reflected in the report.

3-9. [Fixed the following issue]

Fixed an issue where automatic placement of arrays with a tilt angle of 90° took an unusually long time.

3-10. [Fixed the following issue]

Fixed an issue where user-defined PV module settings were incorrectly referenced in array settings via plan input.

3-11. [Fixed the following issue]

Fixed an issue where no warning was displayed when unassigned inverters were present.

3-12. [Fixed the following issue]

Fixed an issue where enabling the I-V characteristic graph during power calculation caused a slowdown in calculation speed over time.

3-13. [Fixed the following issue]

Fixed an issue where opening the array area menu could result in a read violation.

3-14. [Fixed the following issue]

Fixed an issue where the I-V characteristics for a single string varied depending on the inverter input type.

3-15. [Fixed the following issue]

Fixed an issue where diffuse solar irradiance was calculated abnormally high when using measured horizontal irradiance data.

3-16. [Fixed the following issue]

Fixed an issue where accessing the inverter database caused an access violation.

Solar Pro Release notes

7/18/2025 Version 5.0 Update contents

3-17. [Fixed the following issue]

Fixed an issue where power generation calculation became significantly slower when using multi-string configurations with differing numbers of series connections.

3-18. [Fixed the following issue]

Fixed incorrect specification values in the inverter database.

3-19. [Fixed the following issue]

Fixed an issue where continuously zooming in/out at the zoom limit in the plan input screen caused an infinite number of dialogs to appear.

3-20. [Fixed the following issue]

Fixed an error that occurred when performing I-V curve calculations with 3D CAD integration for arched shapes.

3-21. [Fixed the following issue]

Fixed an issue where dragging an object into reflected light with the mouse could cause an access violation.

3-22. [Fixed the following issue]

Fixed an issue where CSV export of reports containing prices caused column misalignment if commas were used in currency unit settings.

3-23. [Fixed the following issue]

Fixed an issue where time periods without impact were included in the affected time of reflected light trajectory calculations.

4. Others

4-1. Updated the photovoltaic module database (based on our own research).

4-2. Updated the inverter database (based on our own research).

4-3. Bundled the EV code signing certificate.

4-4. Updated the default value of the conversion factor setting in the integrated report.

4-5. Added the report setting file for bifacial modules.

4-6. Updated sample files.

5. Documentation

5-1. Updated the help documentation.

5-2. Updated the technical documents.

5-3. Updated the software license agreement.

Product inquiries

Inquiries from our website

<https://docs.google.com/forms/d/e/1FAIpQLSdRt-Zu61Vr-koQ6H9bGTP7d26-6JpsIR3db7rmtNZfwi-8-w/viewform>

*Please use the "Inquiry" form.