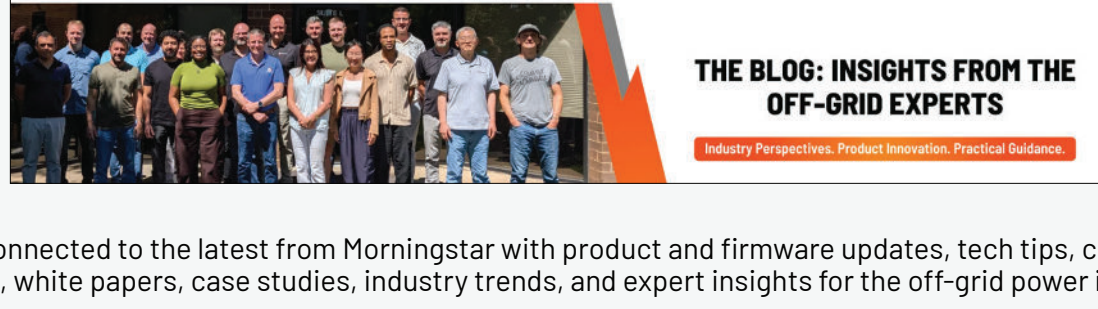


THE OFF-GRID POST

News, Insights & Expertise

IN THE NEWS

OUR BLOG IS BACK



Stay connected to the latest from Morningstar with product and firmware updates, tech tips, customer stories, white papers, case studies, industry trends, and expert insights for the off-grid power industry.

[JOIN THE CONVERSATION HERE](#)

PRODUCT BRIEF



INTRODUCING ONE SUNSAVER. TWO VOLTAGES.

The Most Proven Controller, More Ways to Put it to Work

This new SunSaver Model supports both 12V and 24V systems in a single controller—making it easier to specify, stock, and deploy across a wider range of off-grid applications.

GREATER APPLICATION FLEXIBILITY

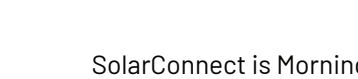
One controller supports both 12V and 24V systems, making it easier to specify the right SunSaver across a wider range of off-grid applications.

SIMPLIFIED PURCHASING & INVENTORY

Fewer SKUs mean easier ordering, less inventory complexity, and one controller ready for either system voltage.

PROVEN SUNSAVER PERFORMANCE

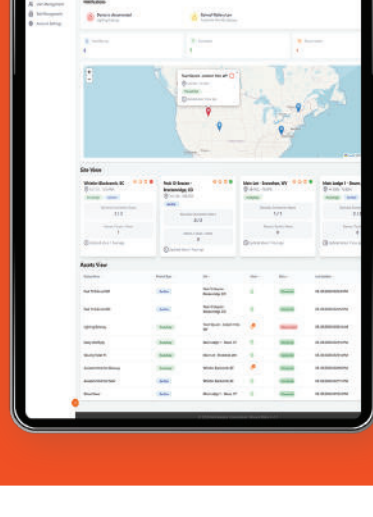
Get the same field-proven reliability, electrical protections, and certifications SunSaver is known for—now with greater flexibility built in.



SolarConnect is Morningstar's cloud platform for monitoring and managing remote power systems. It delivers centralized visibility into system performance, faults, and alarms so operators can identify issues faster.

Updates continue for **SolarConnect**, Morningstar's cloud platform for monitoring and managing remote power systems. The platform expanded its notification capabilities to include SMS notifications for faults and alarms. Additionally, you can update firmware and enable SolarConnect cloud access via the Morningstar Mobile App (available on iOS and Android).

Morningstar's SolarConnect was highlighted in the July/August issue of **North American Clean Energy's Solar Product Spotlight: Software.**



TECH TIPS

Load Control: When to disconnect loads and why?

Never allow the battery to be completely discharged. This can do irreversible harm to the battery bank. Read more here about optimal Load Control strategies:

<https://blog.morningstarcorp.com/blog/off-grid-pv-system-load-control-when-to-disconnect-loads-and-why>

Off Grid PV System Load Control: Load Current Compensation (LCC) Settings

The two main factors that affect the accuracy of SOC with LVD/LVR settings are the discharge rate and battery cell temperature. Learn more here:

<https://blog.morningstarcorp.com/blog/off-grid-system-load-control-load-current-compensation-lcc-load-control-settings>

EXPERT SESSIONS

UPCOMING WEBINARS

Sept 30th: Powering Critical Infrastructure Beyond the Grid:

Building reliable off-grid power systems for remote and demanding environments

[REGISTER HERE](#)

RECENT WEBINARS:

Lithium Batteries + Morningstar: Compatibility for Off-Grid Systems

Morningstar engineers cover lithium battery fundamentals, product compatibility, controller setup, and real-world installation tips to help build more reliable off-grid solar systems with confidence.

<https://www.youtube.com/watch?v=Y5XT4-5ijV4&t=15s>.

Morningstar Mobile APP & LiveView: Mastering Off Grid Visibility

Learn how the Morningstar Mobile App, LiveView, and SolarConnect work together to deliver a complete monitoring solution for off-grid power systems. Through live demonstrations, explore the key features of Morningstar Mobile and LiveView, including device connectivity, system configuration, battery charging optimization, performance monitoring, and diagnostics for GenStar™ and ReadyEdge™.

<https://youtu.be/TnCikma7SQE>

LIVEVIEW

MSMOBILE APP™

ReadyEdge™ Compatibility: Connect More. Know More. Do More

UNLOCKING OFF-GRID SYSTEM COMPATIBILITY
Discover how ReadyEdge™ integrates with Morningstar controllers, battery systems, and third-party devices to deliver total system visibility and control. We'll cover how flexible integration, open protocols, and modular expansion make it easy to connect, manage, and scale your off-grid infrastructure.

<https://youtu.be/ZcU1ptpluwQ>

READY | EDGE™

ReadyEdge™: Intelligent Monitoring for Off-Grid Systems

Get an inside look at ReadyEdge, Morningstar's intelligent monitoring and communications solution for off-grid power systems. Learn how ReadyEdge delivers real-time system visibility, battery health insights, and smart generator and backup power control—all through local access with LiveView and available cloud monitoring with Morningstar SolarConnect. We'll cover key features, deployment scenarios, and how ReadyEdge helps operators protect uptime, reduce risk, and manage remote systems with confidence.

<https://youtu.be/dcXrnUy1gww>

READY | EDGE™

SOLARCONNECT | LIVEVIEW

GenStar™: The Charge Controller, REIMAGINED

GenStar™ redefines what a charge controller can be. Take a deep dive into the newly updated GenStar. Designed as a complete system core, GenStar combines advanced MPPT charging, intelligent load control, flexible battery management, and full network integration—delivering powerful performance without added system complexity.

<https://youtu.be/uF5Qff9KjkQ>



Anywhere Visibility: Off-Grid Cloud Monitoring with SolarConnect

SolarConnect is Morningstar's cloud platform for monitoring and managing remote power systems. Integrated with GenStar™ and ReadyEdge™, it delivers Anywhere Visibility through centralized dashboards, real-time alerts, geographic site mapping, and secure fleet management tools. Designed for distributed remote power systems, SolarConnect helps operators identify issues sooner, reduce unnecessary site visits, remotely manage firmware updates, and maintain reliable system performance across every site.

<https://youtu.be/HxtGG3bhRJ8>

SOLARCONNECT

READY | EDGE™



ON THE ROAD

WHERE WE'RE HEADED:

ENTELEC Fall Seminar Series

October 8 | Odessa, TX | Table #5

Morningstar is heading to ENTELEC's Fall Seminar Series, focused on the technologies and challenges shaping critical operations across the Permian Basin.



Morningstar Presentation

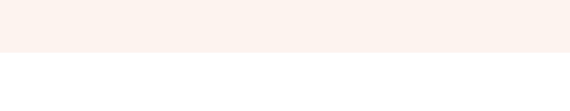
Powering Connectivity in Remote Locations: Energy and Reliability for Critical Communications

Explore practical strategies for powering remote communications infrastructure—from solar and battery technologies to monitoring and backup power. Learn how to improve uptime, reduce maintenance challenges, and keep critical field communications connected.

ExpoSolar Colombia

October 28-30 | Bogotá, Colombia | Booth #406

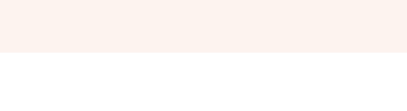
Morningstar is partnering with StellaVolta at ExpoSolar Colombia, an international showcase for solar energy technologies and innovation. Visit us to explore Morningstar's latest off-grid power technologies and connect with our team.



WISPAPALOOZA

November 2-5 | Las Vegas, NV | Booth #826

Morningstar is heading to WISPAPALOOZA, bringing together ISP operators, technology providers, and industry leaders from across the wireless broadband market. Stop by our booth to explore reliable off-grid power for remote communications and critical network infrastructure.



WHERE WE'VE BEEN:

Appalachian Gas Measurement Short Course (AGMSC)

August | Pittsburgh, PA

Morningstar joined forces with SunWize at AGMSC, connecting with professionals across the gas measurement industry and showcasing reliable off-grid power for critical field applications.



JOIN THE MORNINGSTAR TEAM
Open Roles



JOIN OUR COMMUNITY