



Campbell

S C I E N T I F I C ®

The World's Most Reliable Utility-Scale Operational
Met and Solar Resource Assessment Stations



Serious developers and EPCs know the risk of using unreliable Met stations: failed PPA audits, compromised data sets, bad information provided to off-takers, erroneous SRAs that inflate interest rates, and more.

50+ Years Building Met Stations for the Harshest Environments on Earth

Lean on Campbell Scientific's expertise designing and building the world's finest meteorological stations. From the heights of Mount Everest to the depths of Death Valley, our systems are renowned for their reliability, flexibility, and data integrity.

Class A IEC 61724-1:2021

Utility-Scale Operational Met Stations and Solar Resource Assessment

- Standard, pre-engineered systems that cut cost and lead times
- Custom systems using an engineer-to-engineer approach
- World-class services and support for the lifetime of your system
- Complete in-house calibration services

Design Advantages

- Modular design for easy customization
- Pre-wired/pre-programmed integrated design to reduce installation time
- Supports Dynamic Host Configuration Protocol (DHCP) and static IP configuration
- Customizable battery systems provide back-up power for data collection during power outages and network failures
- Acts as a single-point data gateway for environmental data



Featuring sensors from Campbell Scientific and other top brands

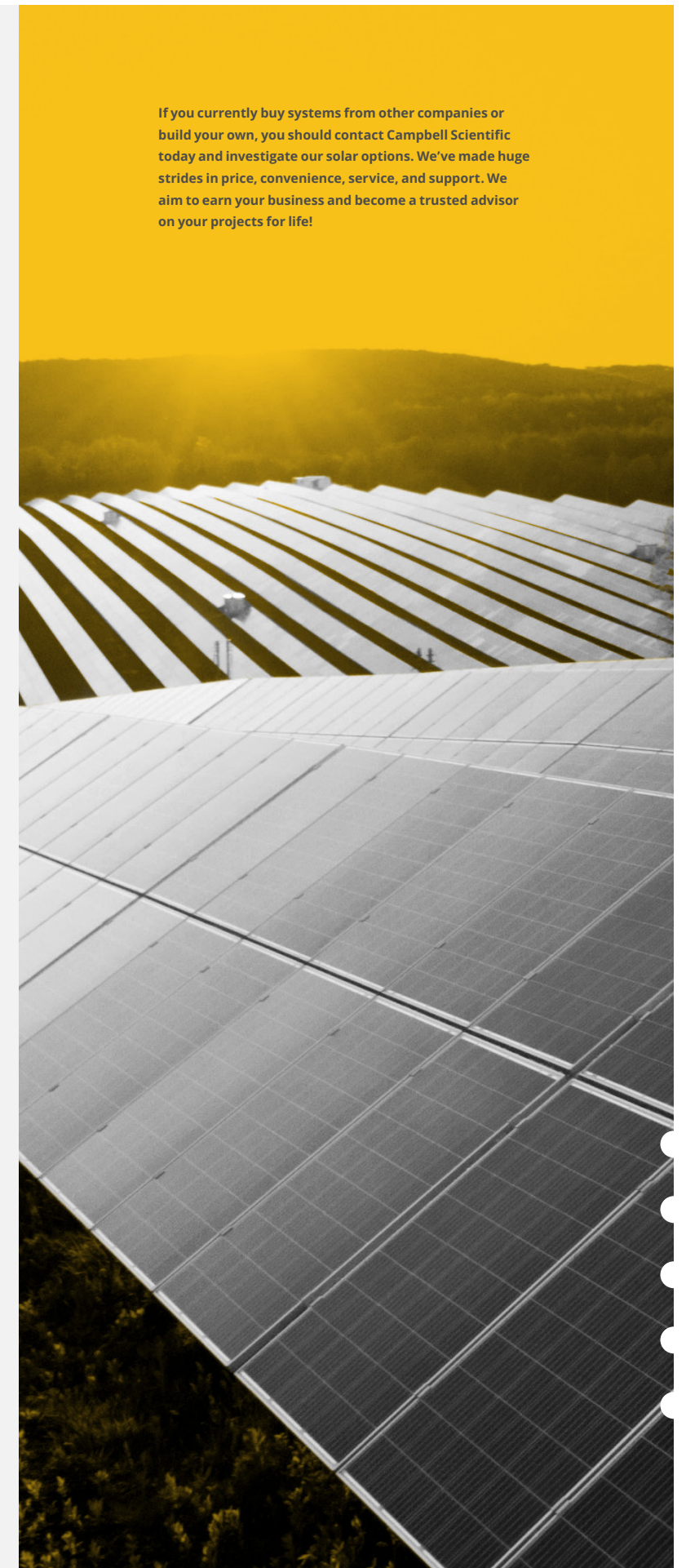
- Air Temperature
- Class A Global Horizontal Irradiance (GHI)
- Plane of Array (POA) Solar Radiation
- Albedo and Rear POA
- Back-of-Panel Surface Temperature
- Wind Direction
- Wind Speed
- Precipitation
- Barometric Pressure

Campbell Scientific Dataloggers: The gold standard for accuracy and dependability

All our systems are built around Campbell Scientific's flagship CR1000X and CR300 series dataloggers, which offer legendary dependability, flexibility, and pre-configured or customizable programming capabilities. Campbell Scientific's dataloggers are frequently specified as an upgrade replacement for systems from other companies.



If you currently buy systems from other companies or build your own, you should contact Campbell Scientific today and investigate our solar options. We've made huge strides in price, convenience, service, and support. We aim to earn your business and become a trusted advisor on your projects for life!



Maintenance Services

Planned and preventive maintenance is the most effective way to manage both risk and cost during the lifetime of a measurement station. If needed, Campbell Scientific offers maintenance services that vary on customer requirements and range from ad hoc service visits to emergency callout and multi-year, multi-station extensive maintenance programs.

Calibrating and maintaining Met sensors at the required intervals can be one of the most challenging aspects of managing a utility-scale solar plant. At Campbell Scientific, we make your job simple with competitively priced, full testing and calibration services available to support all of the equipment we sell. We can even provide helpful reminders when calibration or maintenance is due. Our experienced technicians provide high-quality, efficient calibration and repair services at our many locations around the world to maximize the life of your station, increase your ROI, and virtually eliminate station downtime and loss of data integrity.

We calibrate:

**Pyranometers | Temperature and RH Probes |
Loggers | Barometers | Multi-Sensor Stations**



Commissioning, Field Service, and O&M Training at Competitive Prices

If needed, Campbell Scientific offers full installation, commissioning, and other field services, ensuring equipment is installed and configured correctly for seamless integration into current networks, which enables immediate data collection and maximizes the life span of your systems.

From complete turnkey solutions, site surveys, and pre-order station siting and sensor placement recommendations, Campbell Scientific's expert application, sales, and field service engineers can provide advice and support at every stage of the project life cycle.

Contact us today, and your personal, expert account manager will walk you through the process from start to finish.

| <https://www.campbellsci.com/solar-energy>
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