

Solar Data Systems

Solar solutions for monitoring, visualization, evaluation, troubleshooting & control



Solar Monitoring as a Service



High Accuracy MET Stations for Utility Grade PV Plants

- Performance Monitoring
- Solar Resource Assessment
- Wireless Tracker MET Stations
- Soiling Monitoring
- Full Installation & Commission and O&M service
- Meet all standards and all budgets
- Irradiance Sensors for GHI, POA, RPOA, and Albedo, monitoring including DNI and DHI (EKO Instruments recommended; Kipp & Zonen, Hukseflux also available)
- IEC 61724-1:2021 Class monitoring-compliant weather station



We offer three different MET stations for large-scale utility solar plants.

Trust an Experienced Utility MET Station Team to Keep Up with the Fast-Growing Solar Market!

Unmatched Experience

PowerWise is a company with a unique level of expertise for the MET Station marketplace. Our technical team experience comes from a background in a 48-year-old pioneer in the Weather Station business. The PowerWise engineering group created a line of C&I Solar MET Stations, a family of products that have been installed in close to 10,000 sites worldwide.

Modular and Custom Designs

We have access to all the leading technologies and sensors in the Solar Monitoring industry and with our expertise in mind we build a system that fulfills the strictest standards like the IEC 61724-1:2021 Class A monitoring. Our engineering team has extensive experience in all aspects of hardware & software development, including application and Firmware programming. We can build solutions for any standard and budget

EKO Instruments Sensors

EKO offers class-leading Irradiance sensors for the ISO 9060:2018 Class A standard, one of the few Class A pyranometers before the MS-80S and MS-80SH, in the top tier 'fast-response' and 'spectrally flat' sub-categories, with unprecedented low-zero-offset behavior, and a 5-year recalibration interval.



Much More Than Just Solar MET Stations!

Request A Quote