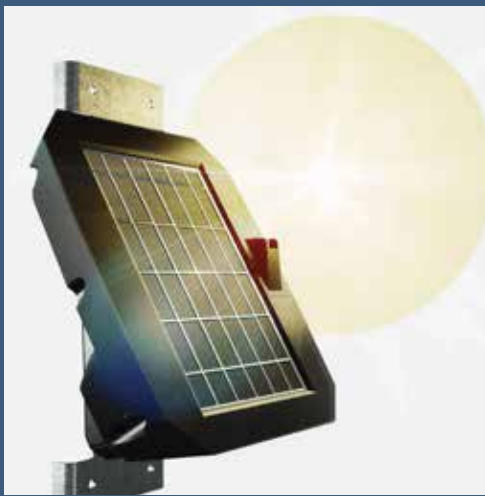




Utility Monitoring System



OVERVIEW

Partnered with an industry leading, market disruptive company as both an engineering and manufacturing provider to develop and industrialize breakthrough, unique technology in a utility monitoring system. Delivered full lifecycle support from early-stage design through validation and production scale-up, resulting in a robust, field-deployable solution.

FULL PRODUCT DEVELOPMENT & INDUSTRIALIZATION

- Contributed to complete product design across mechanical and electrical domains, ensuring manufacturability from the outset
- Applied DfX methodologies to enhance product performance, reduce cost, and streamline production
- Executed formal design verification and reliability programs, including environmental and lifecycle testing
- Architected production test strategies and corresponding hardware/software test systems
- Performed strategic component selection and qualification to ensure durability and supply continuity
- Designed and deployed production tooling solutions, including injection molding and precision mechanical tooling
- Conducted advanced engineering analysis, including thermal modeling, FEA, and mold flow simulation
- Transitioned product designs into controlled, repeatable manufacturing processes
- Supported pilot builds, process validation, and ongoing production execution



keytronic.com



4424 N. Sullivan Rd. Spokane Valley, WA 99216



Info@keytronic.com



(509) 928-8000