

MAPPs system powering
utility wireless smart meter
network in Alameda, CA.



**SOLAR
ELECTRIC
SUPPLY, INC.**

Since 1996, Solar Electric Supply (SES) has been a leading manufacturer of integrated photovoltaic power systems and a major wholesale distributor of photovoltaic modules and system components.

SES specializes in supplying dealer, contractor and industrial accounts worldwide with **reliable, cost-effective solar electric solutions.**

SES enables your technology to be reliably and cost-effectively powered in the field!

SES's experience in component selection and system integration ensures the highest degree of reliability and system performance. Company wide, our sales, marketing, engineering, accounting, shipping and sales personnel are dedicated to complete customer satisfaction.

Some of our customers include:

Boeing
Caltech Pasadena
Chesapeake Energy
City of Scottsdale
Dow Chemical
NASA
NRG
PG&E
SAIC
State of California
Southern California Edison
Rockwell Automation
U.S. Department of Defense
U.S. Air Force, Army, Navy

Made in the USA.
© Solar Electric Supply, Inc. 2017



**SOLAR
ELECTRIC
SUPPLY, INC.**

MAPPs™

MODULAR AUTONOMOUS PHOTOVOLTAIC POWER SUPPLY

**SOLAR POWER
FOR REMOTE
APPLICATIONS**



OB Series at Kentucky U.S. Air Force Base



Utility microwave
repeater network



Wireless security camera mobile trailer



Seismic Monitoring on a remote island

Headquarters

Solar Electric Supply, Inc.
104 Whispering Pines Dr.
Scotts Valley, CA 95066

Toll Free: 877-297-0014

Phone: 831-462-8243
Fax: 831-462-8246
Email: contact@solarelectricsupply.com

www.solarelectricsupply.com

Our Manufacturing Partners



www.solarelectricsupply.com

**SOLAR POWER
FOR REMOTE
APPLICATIONS**

DESCRIPTION

Solar Electric Supply's **MAPPS™** are stand-alone photovoltaic power systems, engineered to support a wide variety of remote power requirements. All **MAPPS** are complete, pre-packaged systems consisting of:

- UL Listed Photovoltaic Modules
- Sealed, Maintenance-free Batteries
- Rugged Battery Enclosure
- Pre-wired Charge / Load Controller
- Lightning Surge Protection
- High Quality Aluminum Mounts
- Wiring Harness
- Installation Manual and Schematics

APPLICATIONS

- Wireless Smart Meters
- Gas Valve Automation
- Transmission Tower LED Lighting
- WiFi WiMax
- Broadband
- Security Systems
- Telemetry
- Flow Monitoring
- Cathodic Protection
- SCADA RTU
- Microwave Relay
- VSAT
- Environmental Monitoring
- Street/Area/
Landscape Lighting



SES Hybrid solar and helical axis turbine wind power system for US Navy R&D.



Large battery enclosures for MAPPS solar powered air monitoring system.

EXPERIENCE

SES **MAPPS™** systems are reliably powering thousands of critical loads around the globe. Using proprietary computer modeling/design programs and an experienced SES technical staff, **MAPPS** are designed to ensure year-round power availability.

PRODUCT BENEFITS

- Reliable
- Cost-effective
- Low Maintenance
- Easy Installation
- Modular Design
- Self-contained
- Low Voltage
- No Generator
- No Trenching
- Simplified Permit Procedures



RELIABILITY

MAPPS systems represent the highest standard of reliability. All components have passed rigorous testing and are suitable for use in the harshest of environments. Each complete **MAPPS** system is individually tested at SES production facilities, assuring trouble-free operation right from the start.

MAPPS systems are made in the USA and qualify for Buy America programs.

DURABILITY

MAPPS are built tough without compromise. They are designed for all weather conditions, from the North Slope of Alaska to the Arabian Desert. **MAPPS** photovoltaic modules exceed Jet Propulsion Laboratory Block V durability tests, are UL listed, rated for Class I Division II hazardous areas. Photovoltaic module design life is 25 to 40 years.

Available Now!

MAPPS™
CSA Approved
Class 1 Division 2
Hazardous
Location Solar
Power Systems



MAPPS FAA solar obstruction lighting system

Oil/Gas & Water Industry

MAPPS systems cost-effectively power remote monitoring, radios, SCADA/RTU, & cathodic protection equipment.



Lighting Applications

MAPPS are powering FAA LED obstruction lights for wind farms, utility & telecom towers, street/area lighting, and bus stop shelters.



Wireless Applications

MAPPS reliably power wireless security camera systems, perimeter security, WiFi & WiMax broadband & rural telecom.



Seismic monitoring system powered by MAPPS system on a remote island off Baja California

