Photovoltaic power systems are well-suited to operating automation equipment used by the oil and gas industry. Examples include high-efficiency gas flow computers, Remote Telemetry Units (RTU’s) and Supervisory Control and Data Acquisition equipment (SCADA). The equipment’s low power requirements and typically remote siting often make a PV system the most cost-effective power source. Custom systems have been designed and manufactured to OEM or end-user specifications. In many cases, a standardized system can be designed to service multiple-site projects. Kyocera Solar electric power systems provide high quality power at the lowest possible cost.

SYSTEM IS APPLICABLE FOR:
- Telemetry
- RTU/SCADA
- Flow Monitoring
- Drilling Meters
- Natural Gas Automation
- Gas Flow Measurement
- Data Recording
- Control Valves
- Process Control Equipment
- Seismic Monitoring
- Instrumentation
- Tank Gauging

Oil and gas exploration, monitoring of wells, SCADA and processing usually supercedes the extension of utility lines. The use of solar energy has made the monitoring of gas and oil lines reliable and an inexpensive means to protect your investment. Kyocera Solar has been providing systems large and small to meet the needs of the industry for twenty-five years.

Small systems for RTU, SCADA and Telemetry solutions are designed for the most demanding telemetry and SCADA applications. The modular design of systems provides ultimate flexibility and allows you to construct a solar system to meet the exact needs of SCADA and telemetry application.

Kyocera Solar has designed and installed systems for RTU, SCADA and flow metering in all regions of the world including in the Gulf of Mexico, the Middle East and Africa.

**SPECIALIZED SOLAR ELECTRIC SYSTEMS**

**MODEL NUMBER 88600 SERIES**
- Side of Pole Mount
- NEMA 4X Fiberglass Enclosure (18”x16”x9”)
- Solid State Regulator with Battery Temp Comp
- 12 Volt DC (Standard)
- Cenduit Assembly for Solar and Load (Preassembled)
- 2" Pole Mount Clamps
- For Modules from 40 to 130 Watt
- FloBoss Output Connector
- For One Group 27 Battery

(Model, support structure & battery are specified per application)

**MODEL NUMBER 88700 SERIES**
- Side of Pole Mount
- Steel White Powder Coated Enclosure (26x16x10)
- 12 Volt DC (Standard)
- Solid State Regulator with Battery Temp Comp
- Cenduit Assembly for Array and Load (Preassembled)
- 2" Pole Mount Standard
- For Modules from 40 to 130 Watt
- FloBoss Output Connector
- Large MDS Backplate
- For One or Two Group 27 Batteries

(Model, support structure & battery are specified per application)

**MODULE TYPE** | **PART NUMBER** | **RATED POWER**
--- | --- | ---
KC40T | 104011 | 40 watts
KC50T | 105011 | 50 watts
KC65T | 106511 | 65 watts
KC85T | 108511 | 85 watts
KC130TM | 113012 | 130 watts

**BATTERY TYPE** | **PART NUMBER** | **AMP-HOURS**
--- | --- | ---
8GU1 | 40261 | 36 amp hours
8G22NF | 40266 | 56 amp hours
8G24 | 40262 | 80 amp hours
8G27 | 40263 | 99 amp hours

**MOUNT TYPE** | **PART NUMBER** | **MODULE**
--- | --- | ---
Adjustable Side of Pole for KC40T-65T | 23295 | KC40T-65T
Fixed Side of Pole for KC85T-130TM | 24836 | KC85T-130TM

**Additional System Configurations Available:**
- 48V & 24V DC Systems
- Batteries from 99ah - 198ah
- Batteries from 210ah - 530ah
- 4” & 6” Pole Mounts
- Low Voltage Battery Disconnect
- Overcurrent Protection (Breakers or Fusing)
- Metering
- ROHN Tower Mounts
KYOCERA SOLAR CAPABILITIES

Kyocera Solar, Inc. offers a comprehensive process including customized engineering, proactive service and sales support, extensive training and a variety of field services.

FEATURES

- Pre-assembled and Factory Tested
- System Reliability
- 12, 24 or 48 DC power
- Class I, Div II Configured Power Systems Available 40 watt and Up
- One Year System Warranty
- KYOCERA Solar Modules
- 25 Year Solar Module Warranty
- Integrated Packages
- Simple to Install and Easy to Maintain
- Thorough System Documentation
- Engineering Design Assistance
- Side or Top of Pole Mount Designs
- System Metering (Optional)
- Automatic Low Voltage Shutdown (Optional)
- Surge Suppression
- Vandal Resistant Designs (Optional)
- Hot Dipped Galvanized Structures (Optional)
- NEMA 4 Enclosures (88700 Series)
- NEMA 4X Enclosures (88600 Series)
- Installation Services (Optional)
- Custom Pre-packaged Systems Available from 5 watt to 1 kW
- Sealed, Maintenance-free Battery

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