

SOLAR POWER OIL & GAS REMOTE MONITORING SYSTEMS



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.

SOLAR by KYOCERA

These systems are specialized versions of our Standard Solar Electric Systems.

All modules and controllers are Class 1 Div II certified. Other system options are available. Contact Kyocera Solar for pricing and options.



MODEL 88700

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)
- Conduit 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

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

MODEL 88600



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
- Conduit 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

(Module, 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.

THE NEW VALUE FRONTIER



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



SYSTEM 88 SERIES

POWER FOR REMOTE MONITORING SYSTEMS



THE NEW VALUE FRONTIER



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SUNLIGHT TO SERVICE™