

Solar System Sizing for Security Applications

Name _____ Telephone _____
 Company _____ Fax _____
 Address _____ e-mail _____
 City _____ State/Province _____ Date quote needed _____
 Postal Code _____ Country _____

Please complete the following information regarding your system:

A) Load Information (Note: For loads with a duty cycle please estimate hours per day for transmit, receive and standby. For variable loads please estimate hours/week and divide by 7 and put in hours/day column.)

DC Load	Description	Amps	or	Watts	X	Hours/Day	=	Energy/Day
Camera								
PTZ								
Fan								
Heater								
Illuminator								
Transmitter								
Transmitter Standby								
*Other								
*Other								
							TOTAL	

Nominal DC Load Voltage _____ *Other DC Voltage _____ Positive Ground _____

AC Load	Description	Amps	or	Watts	X	Hours/Day	=	Energy/Day
Load 1								
Load 2								
Load 3								
							TOTAL	

Nominal AC Voltage and Frequency _____

B) System Application Site

Nearest City _____ State/Province _____ Country _____
 Latitude _____ Longitude _____ (if available)
 Temperature: Highest _____ Lowest _____ Elevation _____
 Lightning Probability: (circle one) High Low
 Winter Snow? (circle one) Yes No Average Snowfall _____

C) System Requirements

- 1) DC equipment voltage tolerance: _____ Vdc to _____ Vdc
- 2) Battery enclosure required? (circle one) Yes No
- 3) Solar module support structures: (circle one) Ground Roof Tower Pole Pole Diameter _____
 Describe site terrain _____
- 4) How critical are the loads? (circle one) not somewhat very extremely
- 5) Days of battery storage required: (if known) _____ days
- 6) Is corrosion a problem (i.e. salt air)? (circle one) Yes No

Special Requirements, Additional Comments:

Please fax this request for a system design and quotation to Online Solar, Inc. at 410-561-7813.