

Solar Power System Sizing Worksheet for Telecom Applications

Complete the worksheet below and fax to 845-336-0457. If you require assistance, call 800-817-6527 or 845-336-0146.

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

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, divide by 7 and enter this number in the hours/day column.

DC Load	Description	Amps	X	Hours/Day	=	Amp-Hr/Day
	Transmit		X		=	
	Receive		X		=	
	Standby		X		=	
	Continuous		X		=	
	Other		X		=	

Total _____

Nominal DC Load Voltage _____ Other DC Voltage _____

Positive Ground? (circle one) Yes No

Site Information

Nearest Major 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 _____

System Requirements

Number of systems _____

DC equipment voltage tolerance _____ Vdc to _____ Vdc

Solar module support structures: (circle one) Ground Roof Tower Pole Pole Diameter _____

Describe site terrain _____

Days of battery storage required: (if known) _____ days

Is corrosion a problem (i.e. salt air)? (circle one) Yes No

Special Requirements, Additional Comments: _____

