

# JANZIR SOLAR S & C (e. K.)

## Solar Solutions & Consultancy

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### Solar Power System Sizing Worksheet for Remote Power Applications

Complete the worksheet below and **fax to +49-40-300.949.13** or **email to info@solar-sc.de**. If you require assistance, please **call +49-40-300.949.14**. Please feel free to use additional pages if needed.

Name \_\_\_\_\_ Telephone: \_\_\_\_\_  
Company \_\_\_\_\_ Fax #: \_\_\_\_\_  
Address \_\_\_\_\_ Email: \_\_\_\_\_  
City \_\_\_\_\_ Date Quote Needed: \_\_\_\_\_  
ZIP \_\_\_\_\_ Country \_\_\_\_\_

### Load Information

Note: For loads with a variable duty cycle please estimate hours per day of operation. For variable daily loads please estimate hours/week, divide by 7 and enter this number in the hours/day column.

DC Load	Description & Voltage (AC/DC)	Watts	X	Hours/Day	=	Watt-Hr/Day
Load #1			X		=	
Load #2			X		=	
Load #3			X		=	
Load #4			X		=	
Load #5			X		=	
					Total	

Site Information			
City:	County:		
Latitude:	Longitude:		(if available)
Temperature at Site:	Highest:	Lowest:	Elevation:
Lightning Probability: (circle one)	High	Low	
Winter Snow? (circle one) Yes	Yes	No	

System Requirements				
Number of systems:	DC equipment	_____ Vdc to _____ Vdc		
	voltage tolerance:			
Solar module support structures: (circle one)	Ground Roof	Tower	Pole	Pole
		Diameter _____	(mm)	

Describe site terrain and site access

Days of battery storage required: (if known) _____ days
Is corrosion a problem (i.e. salt air)? (circle one) Yes No
Special Requirements, Additional Comments: