

Remote Weather Station Solar Sizing Checksheet

Site Information

Project Name

Location (Lat, Long)

Elevation (m)

Solar Resource Data

Average Solar Irradiance (kWh/m²/day)

Number of Sunlight Hours per Day

Load Calculation

Device	Qty	Rated Power (W)	Operating Hours/Day	Energy/Day (Wh)
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	
Total Daily Load (Wh)				

System Sizing

Required Battery Capacity (Ah)

System Voltage (V)

Required Solar Panel Power (W)

Total Number of Solar Panels

Autonomy Days