

Your Excel or CSV file that you will upload must follow this specific format. Make sure the column names are written exactly as required — even a single typo will cause an error.

You can also upload an Excel file with only one column, for example, the power column — the program will still work normally. However, you won't be able to plot temperature or wind speed curves, as that data is missing.

So, if you want full functionality, make sure to create an Excel file that includes all columns.

- If it has Power data: Visualization & Analysis.
- If it has only Weather data (Irradiance & Temp): The app will calculate PV Power using the selected physical models

Hour	Date	Irradiance (W/m ²)	Temperature (°C)	Wind Speed (m/s)	Tcell (°C)	Power (kW)
00:00	01 Jan	0	3.54	2.41	3.54	0
01:00	01 Jan	0	3.06	2.14	3.06	0
02:00	01 Jan	0	3	1.93	3	0
03:00	01 Jan	0	2.78	1.86	2.78	0
04:00	01 Jan	0	2.39	1.86	2.39	0
05:00	01 Jan	0	1.86	2	1.86	0
06:00	01 Jan	0	1.09	2.28	1.09	0
07:00	01 Jan	8.51	0.19	2.69	0.37	3.903
08:00	01 Jan	160.77	0.75	2	4.89	104.635
09:00	01 Jan	622.05	4.61	0.69	26.43	459.63
10:00	01 Jan	847.08	7.59	0.34	38.84	642.78
11:00	01 Jan	948.2	9.69	0.55	43.7	726.403
12:00	01 Jan	996.41	11.31	0.76	45.84	766.522
13:00	01 Jan	945.41	12.58	1.1	43.2	724.095
14:00	01 Jan	784.22	13.51	1.31	37.72	591.143
15:00	01 Jan	561.12	14.03	1.31	31.35	410.759
16:00	01 Jan	324.96	14.17	1.1	24.7	226.314
17:00	01 Jan	0	13.72	1.17	13.72	0
18:00	01 Jan	0	12.48	1.59	12.48	0
19:00	01 Jan	0	10.83	1.66	10.83	0
20:00	01 Jan	0	9.54	1.72	9.54	0
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