

HelioScope to Xendee Converter

Maximize the potential of your photovoltaic (PV) system performance data with our 'HelioScope to Xendee Converter'. This tool is expertly crafted to seamlessly transition your data from HelioScope's detailed output files into Xendee's robust analytical environment. With the ability to upload either a single hourly HelioScope CSV output file or a ZIP file containing multiple outputs, the converter ensures your data is transformed into a standardized single-column time series performance file, expressed in kW_{ac} or kW_{dc} nameplate capacity.

How to Use

- 1) To begin, navigate to the HelioScope to Xendee Converter page.
- 2) Click 'Choose File' to upload a HelioScope output file in CSV format or a ZIP file containing multiple HelioScope output files.
 - a. For guidance, you can download a sample HelioScope output file by clicking 'Download a Sample HelioScope output file'.
 - b. For a general inquiry regarding a HelioScope output file, please visit through this link: <https://help-center.helioscope.com/hc/en-us/articles/8536799301523-Hourly-Production-Report-CSV>.
- 3) After selecting your file(s), click the 'Convert HelioScope Data' button to initiate the conversion. The converted file will be automatically downloaded as a ZIP folder.

HelioScope Converter

Upload a single HelioScope output file (.csv) or a ZIP file that contains one or more HelioScope output files. The uploaded data will be converted into the a single-column time series performance file in kW_{ac} / kW_{dc} nameplate. For information on how to generate a HelioScope output file, refer to: [HelioScope Help Docs: Hourly Production Report CSV](#).

[Download a Sample HelioScope output file](#)

HelioScope Data

Choose File No file chosen

Convert HelioScope Data

hour_index	timestamp	global_horizontal_irradiance	direct_normal_irradiance	diffuse_horizontal_irradiance	dry_bulb_temperature	windspeed	albedo	...
1	1/1/2006 0:00	0	0	0	10.56	5.09	0	...
2	1/1/2006 1:00	0	0	0	10.53	5.09	0	...
3	1/1/2006 2:00	0	0	0	10.5	5.09	0	...
4	1/1/2006 3:00	0	0	0	10.48	6.85	0	...
5	1/1/2006 4:00	0	0	0	10.45	6.85	0	...
6	1/1/2006 5:00	0	0	0	10.4	6.85	0	...
7	1/1/2006 6:00	0	0	0	10.34	8.09	0	...
8	1/1/2006 7:00	1	0	1	10.29	8.09	0	...
9	1/1/2006 8:00	23	0	23	10.84	8.09	0	...
10	1/1/2006 9:00	48	0	48	11.39	6.17	0	...
11	1/1/2006 10:00	67	0	67	11.95	6.17	0	...
12	1/1/2006 11:00	79	0	79	12.09	6.17	0	...
13	1/1/2006 12:00	132	0	132	12.24	9.87	0	...
14	1/1/2006 13:00	87	0	87	12.38	9.87	0	...
15	1/1/2006 14:00	208	112	100	12.21	9.87	0	...
16	1/1/2006 15:00	73	0	73	12.04	9.84	0	...
17	1/1/2006 16:00	12	0	12	11.87	9.84	0	...
18	1/1/2006 17:00	0	0	0	11.87	9.84	0	...
19	1/1/2006 18:00	0	0	0	10.26	2.64	0	...
20	1/1/2006 19:00	0	0	0	9.46	2.64	0	...
21	1/1/2006 20:00	0	0	0	9.72	2.64	0	...
22	1/1/2006 21:00	0	0	0	9.97	1.15	0	...
23	1/1/2006 22:00	0	0	0	10.23	1.15	0	...
24	1/1/2006 23:00	0	0	0	10.2	1.15	0	...
25	1/1/2006 0:00	0	0	0	10.17	1.15	0	...

Sample HelioScope output file

The uploaded data will be formatted into a single-column performance file compatible with Xendee as shown in the image below.

