

HOW-TO

Import CSV Export Data into Excel, Numbers, ...

Important Note

Data Export requires a license.
Please visit www.whatwatt.ch/pricing for more information.



Version	1.0
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Version	Date	Author	Changes
1.0	04.07.2025	TK	Initial Version

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1. Introduction

If you specify in your whatwatt App to get periodic telemetry data export then whatwatt will send you an email containing the date in a CSV file. CSV files are essentially text files where data is organized into rows and columns, with each column separated by a delimiter, typically a comma. This makes them easily readable by various programs like spreadsheets (Microsoft Excel, Apple Numbers, Google Sheets), databases, and other data processing tools.

Important note

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2. The CSV File

The CSV file contains a header and multiple values with a time-stamp - see example below

```
timestamp,OBIS 1.8.0,OBIS 1.8.1,OBIS 1.8.2,OBIS 2.8.0,OBIS 2.8.1,OBIS 2.8.2
2025-07-01 14:00:00,171.521,169.493,2.028,6.738,6.738,0
2025-07-01 14:01:00,172.556,169.493,3.063,6.738,6.738,0
2025-07-01 14:02:00,173.625,169.493,4.132,6.738,6.738,0
2025-07-01 14:03:00,174.531,169.493,5.038,6.738,6.738,0
```

3. Import into 3rd party software like Microsoft Excel, Apple Numbers, Google Sheets

Chose open > select CSF file > the 3rd party should to the rest. If comma is not recognized as a delimiter then you have to specify it in the software.

After import you should see a table that is similar to the one below.

whatwatt-xxx						
timestamp	OBIS 1.8.0	OBIS 1.8.1	OBIS 1.8.2	OBIS 2.8.0	OBIS 2.8.1	OBIS 2.8.2
2025-07-01 14:00:00	171.521	169.493	2.028	6.738	6.738	0
2025-07-01 14:01:00	172.556	169.493	3.063	6.738	6.738	0
2025-07-01 14:02:00	173.625	169.493	4.132	6.738	6.738	0
2025-07-01 14:03:00	174.531	169.493	5.038	6.738	6.738	0
2025-07-01 14:04:00	175.563	169.493	6.07	6.738	6.738	0
2025-07-01 14:05:00	176.6	169.493	7.107	6.738	6.738	0
2025-07-01 14:06:00	177.716	169.493	8.223	6.738	6.738	0
2025-07-01 14:07:00	178.664	169.493	9.171	6.738	6.738	0

4. OBIS Codes / Values

The exported data contains the following values.

OBIS 1-8-0	Meter reading Active energy consumption Total in kWh Zählerstand Wirkenergie Bezug Total in kWh
OBIS 1-8-1	Meter reading Active energy consumption tariff 1 in kWh Zählerstand Wirkenergie Bezug Tarif 1 (typischerweise Hochtarif) in kWh
OBIS 1-8-2	Meter reading Active energy consumption tariff 2 in kWh Zählerstand Wirkenergie Bezug Tarif 2 (typischerweise Hochtarif) in kWh
OBIS 2-8-0	Meter reading Active energy Feed-in Total in kWh Zählerstand Wirkenergie Einspeisung Total in kWh
OBIS 2-8-1	Meter reading Active energy Feed-in tariff 1 in kWh Zählerstand Wirkenergie Einspeisung Tarif 1 (typischerweise Hochtarif) in kWh
OBIS 2-8-2	Meter reading Active energy Feed-in tariff 2 in kWh Zählerstand Wirkenergie Einspeisung Tarif 2 (typischerweise Hochtarif) in kWh