

Export performance data from FusionSolar



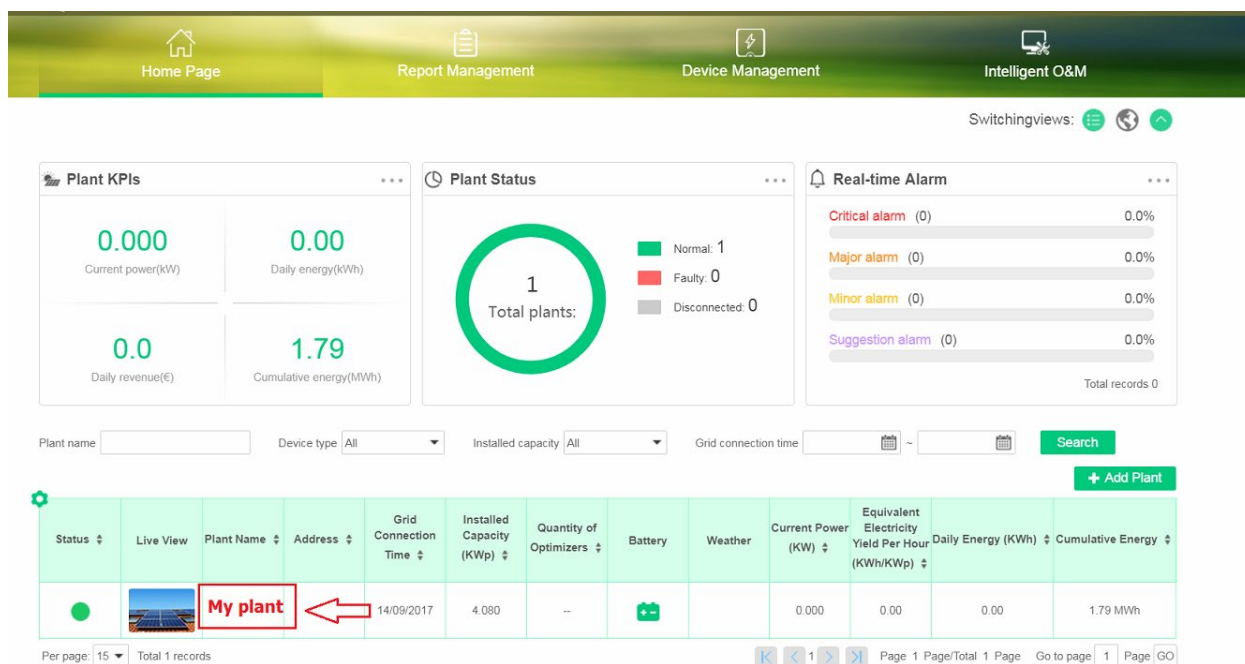
Huawei Technologies Co. Ltd.

Version	Created by	Date	Remarks
01	Huawei e84081311	17.05.2019	Performance data

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This document describe how to export performance data for your plant or inverter from FusionSolar.

1. Login with installer account and select the plant

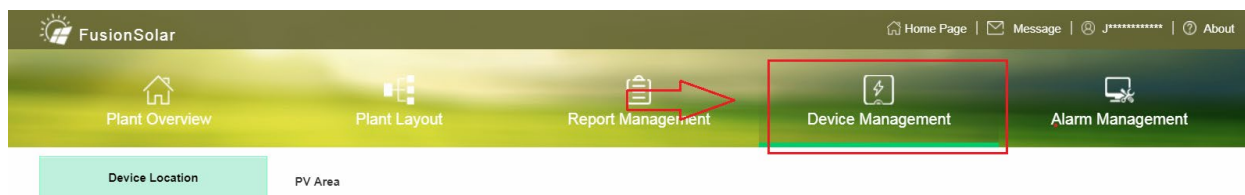


The dashboard shows the following data:

- Plant KPIs:**
 - Current power(kW): 0.000
 - Daily energy(kWh): 0.00
 - Daily revenue(€): 0.0
 - Cumulative energy(MWh): 1.79
- Plant Status:**
 - Total plants: 1
 - Normal: 1
 - Faulty: 0
 - Disconnected: 0
- Real-time Alarm:**
 - Critical alarm (0): 0.0%
 - Major alarm (0): 0.0%
 - Minor alarm (0): 0.0%
 - Suggestion alarm (0): 0.0%
 - Total records 0

Below the dashboard, there is a search bar and a table of plants. The table has the following columns: Status, Live View, Plant Name, Address, Grid Connection Time, Installed Capacity (KWp), Quantity of Optimizers, Battery, Weather, Current Power (KW), Equivalent Electricity Yield Per Hour (KWh/KWp), Daily Energy (KWh), and Cumulative Energy. The first row shows a plant with a status of 'Normal' (green dot), a live view image, and a name 'My plant' highlighted with a red box and an arrow. The table also shows a grid connection time of 14/09/2017, an installed capacity of 4.080 KWp, and a cumulative energy of 1.79 MWh.

2. From the plant main page select Device Management



The dashboard shows the following navigation options:

- Plant Overview
- Plant Layout
- Report Management
- Device Management** (highlighted with a red box)
- Alarm Management

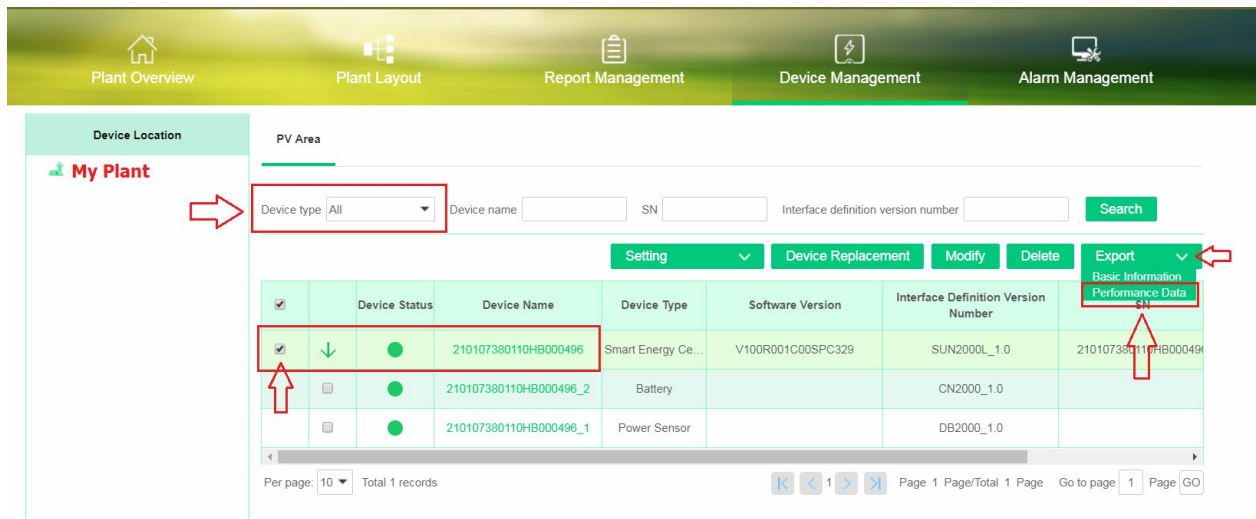
Below the navigation bar, there is a section for 'Device Location' and 'PV Area'.

3. Select the device

From Device type you can leave default all (all the devices installed) or you can choose a specific device installed.

Select the inverter and from Export menu choose Performance Data.

Select the battery and power sensor if you want to export the performance data for them also.



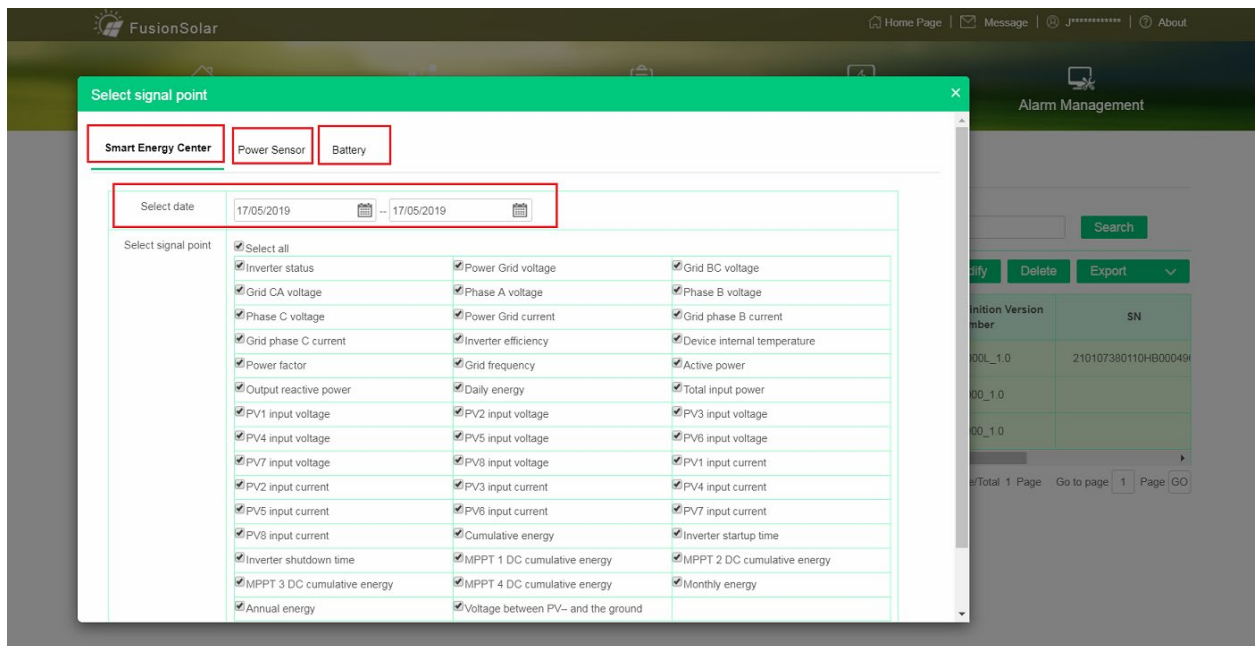
Device type: All Device name: SN Interface definition version number Search

Device Status	Device Name	Device Type	Software Version	Interface Definition Version Number
✓	210107380110HB000496	Smart Energy Ce...	V100R001C00SPC329	SUN2000L_1.0
✓	210107380110HB000496_2	Battery		CN2000_1.0
✓	210107380110HB000496_1	Power Sensor		DB2000_1.0

Per page: 10 Total 1 records Page 1 Page/Total 1 Page Go to page 1 Page GO

4. Select the parameters exported

From the page displayed select the period and the parameters that you want to export for each device selected and OK:



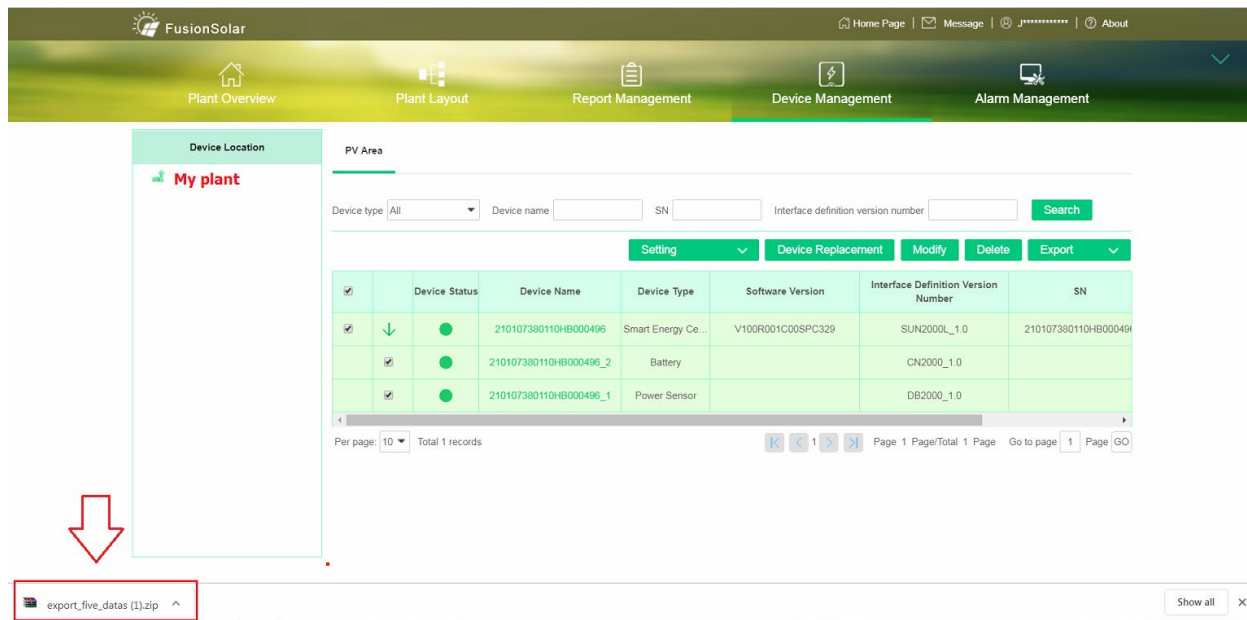
Select date: 17/05/2019 ~ 17/05/2019

Select signal point

<input checked="" type="checkbox"/> Select all	<input checked="" type="checkbox"/> Power Grid voltage	<input checked="" type="checkbox"/> Grid BC voltage
<input checked="" type="checkbox"/> Inverter status	<input checked="" type="checkbox"/> Phase A voltage	<input checked="" type="checkbox"/> Phase B voltage
<input checked="" type="checkbox"/> Grid CA voltage	<input checked="" type="checkbox"/> Power Grid current	<input checked="" type="checkbox"/> Grid phase B current
<input checked="" type="checkbox"/> Phase C voltage	<input checked="" type="checkbox"/> Inverter efficiency	<input checked="" type="checkbox"/> Device internal temperature
<input checked="" type="checkbox"/> Grid phase C current	<input checked="" type="checkbox"/> Grid frequency	<input checked="" type="checkbox"/> Active power
<input checked="" type="checkbox"/> Power factor	<input checked="" type="checkbox"/> Daily energy	<input checked="" type="checkbox"/> Total input power
<input checked="" type="checkbox"/> Output reactive power	<input checked="" type="checkbox"/> PV2 input voltage	<input checked="" type="checkbox"/> PV3 input voltage
<input checked="" type="checkbox"/> PV1 input voltage	<input checked="" type="checkbox"/> PV5 input voltage	<input checked="" type="checkbox"/> PV6 input voltage
<input checked="" type="checkbox"/> PV4 input voltage	<input checked="" type="checkbox"/> PV8 input voltage	<input checked="" type="checkbox"/> PV1 input current
<input checked="" type="checkbox"/> PV7 input voltage	<input checked="" type="checkbox"/> PV3 input current	<input checked="" type="checkbox"/> PV4 input current
<input checked="" type="checkbox"/> PV2 input current	<input checked="" type="checkbox"/> PV6 input current	<input checked="" type="checkbox"/> PV7 input current
<input checked="" type="checkbox"/> PV5 input current	<input checked="" type="checkbox"/> PV8 input current	<input checked="" type="checkbox"/> Cumulative energy
<input checked="" type="checkbox"/> Inverter shutdown time	<input checked="" type="checkbox"/> MPPT 1 DC cumulative energy	<input checked="" type="checkbox"/> Inverter startup time
<input checked="" type="checkbox"/> MPPT 3 DC cumulative energy	<input checked="" type="checkbox"/> MPPT 4 DC cumulative energy	<input checked="" type="checkbox"/> MPPT 2 DC cumulative energy
<input checked="" type="checkbox"/> Annual energy	<input checked="" type="checkbox"/> Voltage between PV- and the ground	<input checked="" type="checkbox"/> Monthly energy

5. Open the performance data file from download

After you confirm with OK the performance data file will be automatically saved in your computer:



The screenshot shows the FusionSolar web interface. The top navigation bar includes 'Plant Overview', 'Plant Layout', 'Report Management', 'Device Management', and 'Alarm Management'. The 'Device Management' section is active, displaying a table of devices. A red arrow points to the download bar at the bottom, which shows a file named 'export_five_datas (1).zip'.

Device Status	Device Name	Device Type	Software Version	Interface Definition Version Number	SN
●	210107380110HB000496	Smart Energy Ce ...	V100R001C00SPC329	SUN2000L_1.0	210107380110HB000496
●	210107380110HB000496_2	Battery		CN2000_1.0	
●	210107380110HB000496_1	Power Sensor		DB2000_1.0	