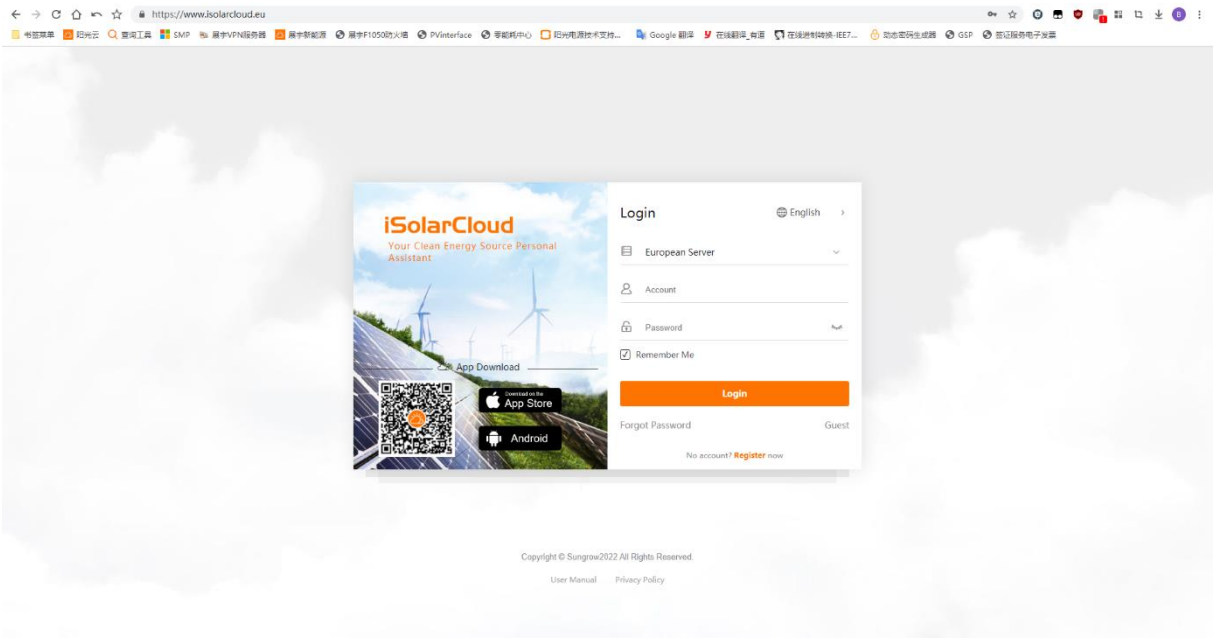
iSolarCloud FAQ

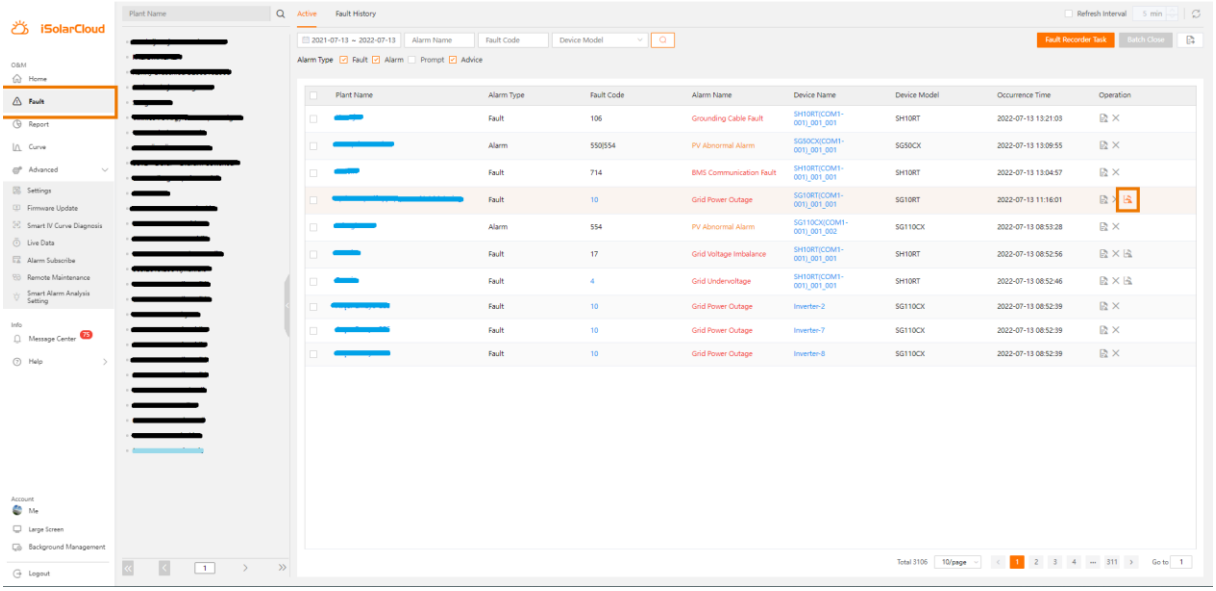
How to use the fault recorder

Applicable to: **iSolarCloud**

1. Log in to iSolarCloud Europe: https://www.isolarcloud.eu/

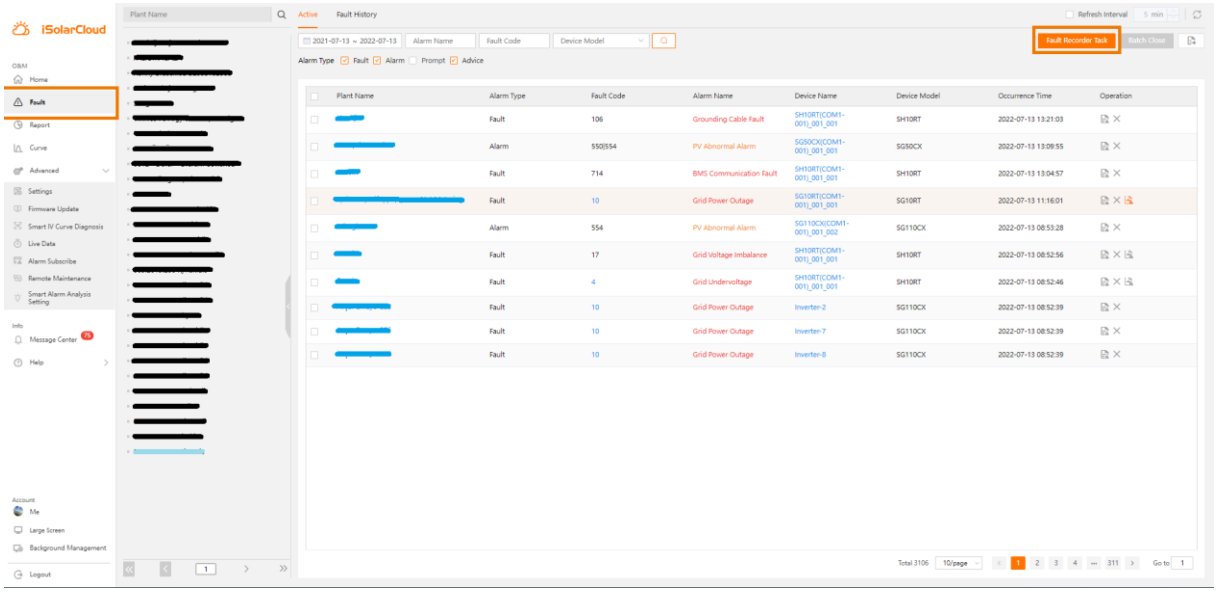


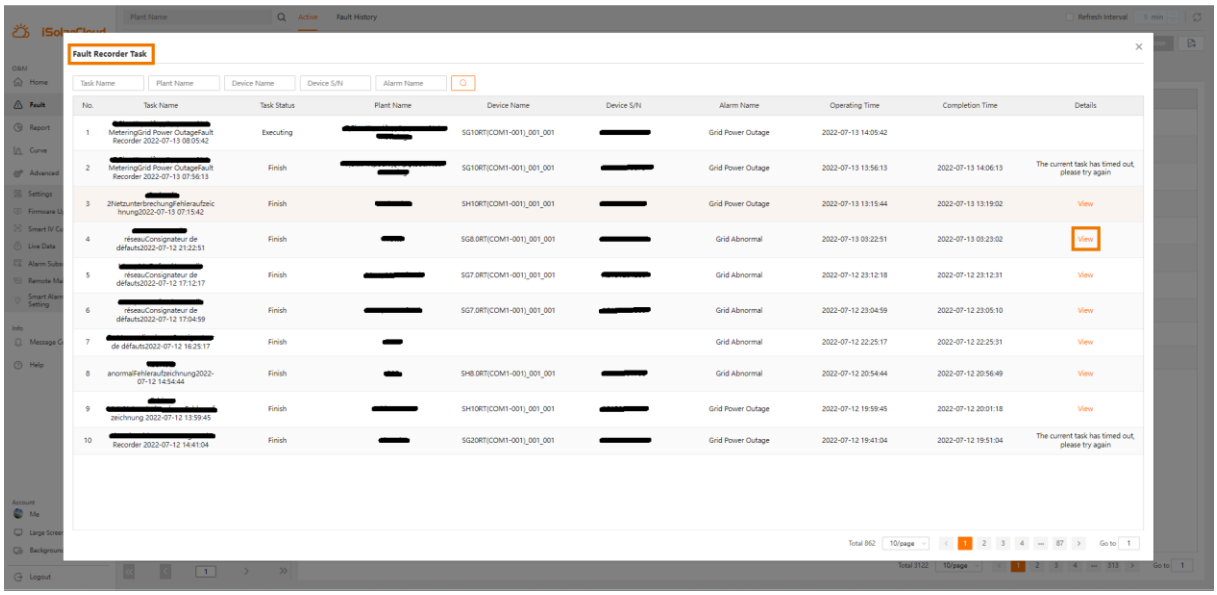
2. Enter the homepage, click Fault in the left navigation bar, and enter Fault Management. In the fault list, click Fault Recorder under the operation bar to generate the fault recorder task. After the task is finished, you can view the waveform and data of fault recording, as shown in the following figure



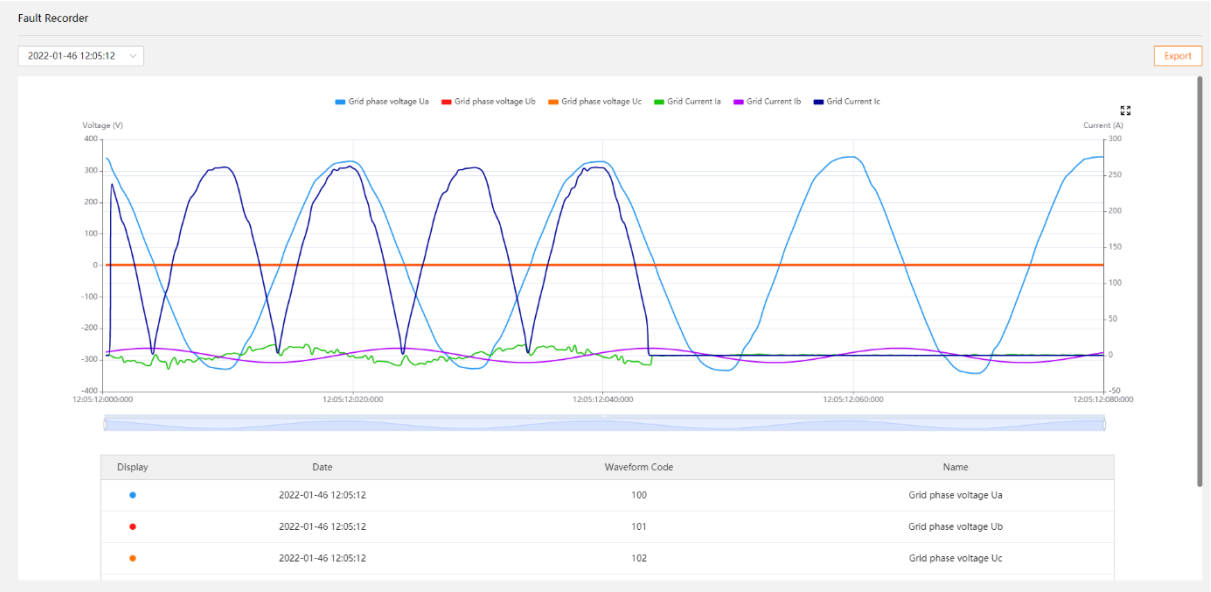
Note: iSolarCloud fault record function only allows the access to grid-side faults and supports grid-side fault waveform and data display. Please be aware that live data is only available, if you use WiNet-S/Logger-series/EyeM4 with the latest firmware.

3. In the fault interface, you can click Fault Recorder Task in the upper right corner to view the summary information of tasks and the status of each task, as shown in the following figure.





4. In the list of fault recorder tasks, click View to view the waveform and data information of fault recording, including the grid-side parameter waveform information and also export the fault recording data, as shown in the following figure.



	A	B	C	D	E	F	G
1	Time (ms:μs)	Grid phase voltage Ua	Grid phase voltage Ub	Grid phase voltage Uc	Grid Current Ia	Grid Current Ib	Grid Current Ic
2	000:250	340.7	0.2	3	0.2	4.7	0.1
3	000:500	333.2	0.2	3	0.5	5.3	0.1
4	000:750	306.4	0	3	-1.2	5.9	238.1
5	001:000	286.3	0	3	-3.2	6.5	222.5
6	001:250	268.2	0	3	-3.7	7.1	207.9
7	001:500	245.4	0	3	-1.9	7.6	188.6
8	001:750	229.5	0	3	-9.7	8.1	180
9	002:000	212.5	0	3	-7.2	8.5	164.6
10	002:250	192.1	0	3	-7.9	8.9	148.6
11	002:500	169.9	0	3	-6.9	9.2	130.1
12	002:750	143.2	0	3	-9.7	9.5	109.9
13	003:000	116.9	0	3	-9.9	9.7	88.4
14	003:250	89.7	0	3	-11.4	9.8	66.8
15	003:500	64.5	0	3	-13.9	9.9	47
16	003:750	39.6	0	3	-14.2	9.9	26.2
17	004:000	16.7	0	3	-5.9	9.9	1.9
18	004:250	-10.5	0	3	0.9	9.8	24.8
19	004:500	-40.5	0	3	-6.4	9.6	45.1
20	004:750	-67	0	3	-8.7	9.4	65.5
21	005:000	-89.7	0	3	-8.7	9.1	83.8
22	005:250	-113.4	0	3	-18.9	8.8	96.5
23	005:500	-137.1	0	3	-8.4	8.4	120.8
24	005:750	-161.2	0	3	-2.9	7.9	142.3
25	006:000	-184.4	0	3	-12.4	7.4	154
26	006:250	-207.3	0	3	-6.7	6.9	174.2
27	006:500	-230.7	0	3	-9.7	6.3	189.6
28	006:750	-249.9	0	3	-5.9	5.7	205.5
29	007:000	-266.6	0	3	-6.2	5	217.5
30	007:250	-276.9	0	3	-9.2	4.3	222.9
31	007:500	-285.1	0	3	-7.2	3.6	229.8
32	007:750	-296.3	0	3	-3.4	2.9	240.1
33	008:000	-306.8	0	3	-3.9	2.1	247.3
34	008:250	-314.9	0	3	-5.2	1.4	252.5
35	008:500	-321.5	0	3	-4.2	0.6	257.5
36	008:750	-324	0	3	-6.2	-0.1	257.6
37	009:000	-325.9	0	3	-2.7	-0.9	260.2
38	009:250	-327.5	0	3	-3.2	-1.7	260.2

Fault Recorder_4041###_20220322

For further information, please download the user manual here.

iSolarCloud App

This manual is intended for professional technicians who are responsible for installation, operation, maintenance and troubleshooting of inverters, and users who need to check inverter parameters. The inverter must only be installed by professional technicians.
The professional technician is required to meet the following requirements:

- Know electronic, electrical wiring and mechanical expertise, and be familiar with electrical and mechanical schematics.
- Have received professional training related to the installation, commissioning and troubleshooting of electrical equipment.
- Be able to quickly respond to hazards or emergencies that occur during installation, commissioning and troubleshooting.
- Be familiar with local standards and relevant safety regulations of electrical systems.
- Read this manual thoroughly and understand the safety instructions related to operations.

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