



ENVERPORTAL

EnverPortal Distributor Account

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User Manual

www.envertecportal.com

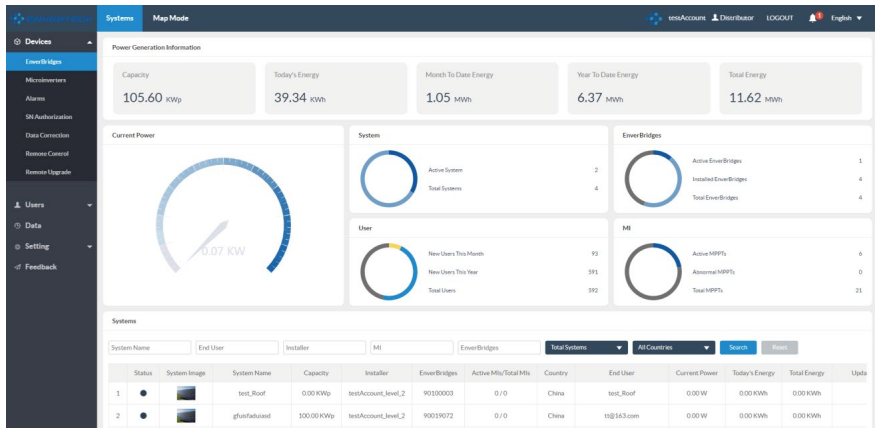
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Distributor Account

The distributor account allows distributors to view all the systems, devices and users under it and to edit them. The distribution of all the systems can be displayed under "Map Mode".

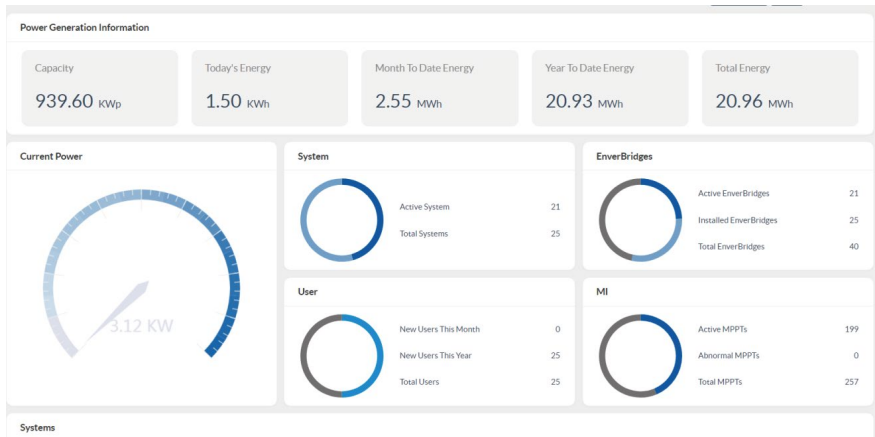
After logging in to the distributor account, the homepage shows as below:



1. Get a Distributor Account

Envertech distributors have the right to open a distributor account. Make your request to the regional sales manager with the following info of your distributor account including user name, email, company name, company address. Our tech team will open an account for you shortly.

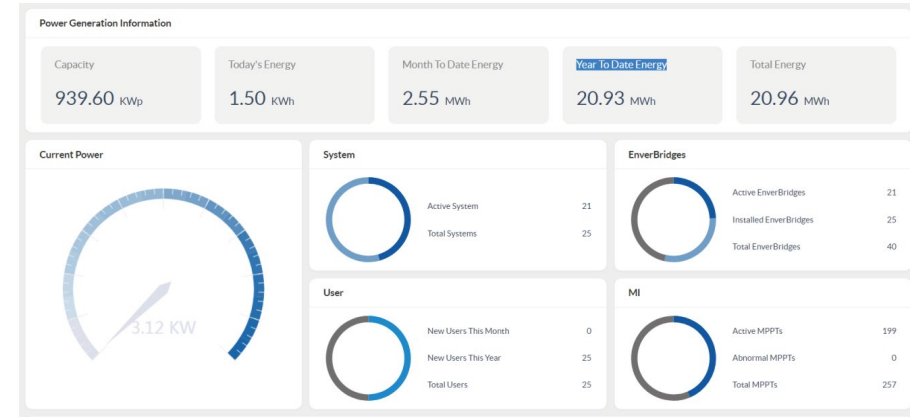
2. Homepage



Today's Energy: the total energy harvest of all microinverters on the current day under the distributor account.

Month To Date Energy: the total energy harvest of all microinverters in the current month under the distributor account.

Year To Date Energy: the total energy harvest of all microinverters in the current year under the distributor account.



Current Power: the total generated power of all microinverters on the current day under the distributor account by the time the account is logged in to.

Active Systems: the number of systems under the distributor account with data uploaded within the latest 15 minutes.

Total Systems: the total number of systems created under the distributor account.

Active EnverBridges: the number of monitoring devices under the distributor account with data uploaded within the latest 15 minutes.

Installed EnverBridges: the number of all monitoring devices that have been registered by users under the distributor account.

Total EnverBridges: the number of all monitoring devices that have been authorized to the distributor account by Envertech.

Active MPPTs: the number of MPPTs under the distributor account with data uploaded within the latest 15 minutes.

(Note: EVT300 is considered as one MPPT, EVT560 is considered as 2 MPPTs, and EVT1200 is considered as 4 MPPTs.)

Abnormal MPPTs: the number of MPPTs that have alerts within the latest 15 minutes under the distributor account.

Total MPPTs: total number of MPPTs with data uploaded within the latest 15 minutes.

At the bottom of Homepage is a list of all the systems under the distributor account.

Here it by default shows all systems. And a search by system name, end user, installer, microinverter SN or EnverBridge SN is available. For example, enter the key word of a system name, click "Search" and you will find the system your search for. Fuzzy searches are allowed too.

Status	System Image	System Name	Capacity	Installer	EnverBridges	Active MPPT/Total MPPTs	Country	End User	Current Power	Today's Energy	Total Energy	Update Time
●		test_roof	0.00 KWp	testAccount_level_2	90090003	0/0	China	test_Roof	0.00 W	0.00 KWh	0.00 KWh	--
●		gfunfabuasd	100.00 KWp	testAccount_level_2	90019072	0/0	China		0.00 W	0.00 KWh	0.00 KWh	--
●		RD	1.80 KWp	testAccount_level_2	90009186	6/6	Belgium		121.07 W	0.22 KWh	347.12 KWh	30/07/2019 10:04

3. Device Management

Click "Device" in the left navigation bar to expand the function list.

The function list includes EnverBridge list, microinverter list, alarms, SN authorization, data correction, remote control and remote upgrade.

Status	EnverBridge ID	Device Type	System Name	Installer	End User	Edit
●	90009186	EnverBridge	RD	testAccount_level_2		Delete Alarm
●	90019072	EnverBridge	gfunfabuasd	testAccount_level_2		Delete Alarm
●	90100003	EnverBridge	test_roof	testAccount_level_2	test_Roof	Delete Alarm

3.1 EnverBridges

This page displays the information of all EnverBridges under the distributor account. A specific EnverBridge can be found by inputting "System Name", "EnverBridge ID" or "Installer". Fuzzy searches are available.

Status	EnverBridge ID	Device Type	System Name	Installer	End User	Edit
●	90009186	EnverBridge	RD	testAccount_level_2		Delete Alarm
●	90019072	EnverBridge	gfunfabuasd	testAccount_level_2		Delete Alarm
●	90100003	EnverBridge	test_roof	testAccount_level_2		Delete Alarm

3.2 Microinverters

This page displays all microinverters that have uploaded data at least once under the distributor account. A specific microinverter can be found by inputting "System Name", "EnverBridge ID", "MI SN" or "Installer". Fuzzy searches are available.

System Name	EnverBridge ID	Status	MI S/N	Power	Today's Energy	Total Energy	Installer	End User	Last Update Time
test_roof	90100003	●		0	0	0	testAccount_level_2		
RD	90009186	●	11922650	14.28	0.01	20.50	testAccount_level_2		29/07/2019 06:33:26
		●	11922542	13.97	0.01	5.02	testAccount_level_2		29/07/2019 06:33:26
		●	11922651	15.02	0.01	8.25	testAccount_level_2		29/07/2019 06:33:26
		●	11922634	13.47	0.02	123.89	testAccount_level_2		29/07/2019 06:33:26
		●	11922635	16.08	0.02	183	testAccount_level_2		29/07/2019 06:33:26
		●	11922563	15.91	0.01	2.07	testAccount_level_2		29/07/2019 06:33:26

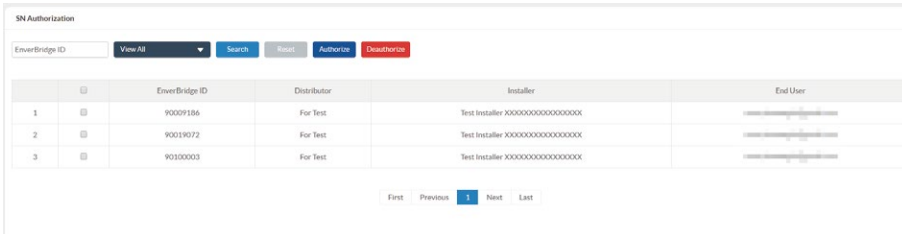
3.3 Alarms

This page displays the alarms of all microinverters under the distributor account. You can search for specific alarms with "System Name", "EnverBridge ID", time period or alarm status.

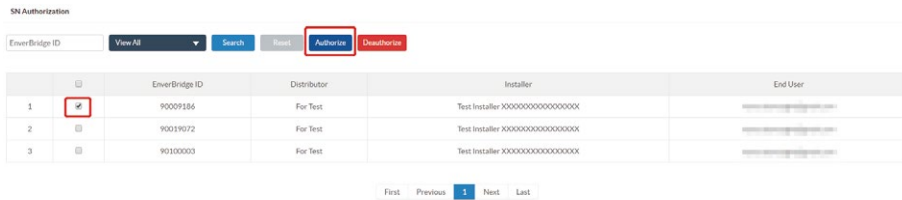
System Name	EnverBridge ID	MI S/N	DC Side	AC Side	Alert Time	Status	Operate
	90012149	12006350			29/07/2019 10:57:43 - 29/07/2019 10:57:43	Unhandled	Handle Delete
	90012149	12005132			29/07/2019 10:57:43 - 29/07/2019 10:57:43	Unhandled	Handle Delete
	90012149	12005012			29/07/2019 10:54:22 - 29/07/2019 10:54:22	Unhandled	Handle Delete
	90012149	12005133			29/07/2019 10:54:22 - 29/07/2019 10:54:22	Unhandled	Handle Delete
	90010862	11952151			29/07/2019 10:53:34 - 29/07/2019 10:53:34	Unhandled	Handle Delete
	90010862	11952150			29/07/2019 10:53:34 - 29/07/2019 10:53:34	Unhandled	Handle Delete
	90010862	11951910			29/07/2019 10:53:34 - 29/07/2019 10:53:34	Unhandled	Handle Delete
	90010862	11951911			29/07/2019 10:53:34 - 29/07/2019 10:53:34	Unhandled	Handle Delete
	90010823	11952197			29/07/2019 10:48:35 - 29/07/2019 10:56:04	Unhandled	Handle Delete
	90012149	12006702			29/07/2019 10:47:41 - 29/07/2019 10:47:41	Unhandled	Handle Delete
	90012149	12006703			29/07/2019 10:47:41 - 29/07/2019 11:01:05	Unhandled	Handle Delete
	90012149	12005132			29/07/2019 10:47:41 - 29/07/2019 10:47:41	Unhandled	Handle Delete
	90012149	12005133			29/07/2019 10:47:41 - 29/07/2019 10:47:41	Unhandled	Handle Delete

3.4 SN Authorization

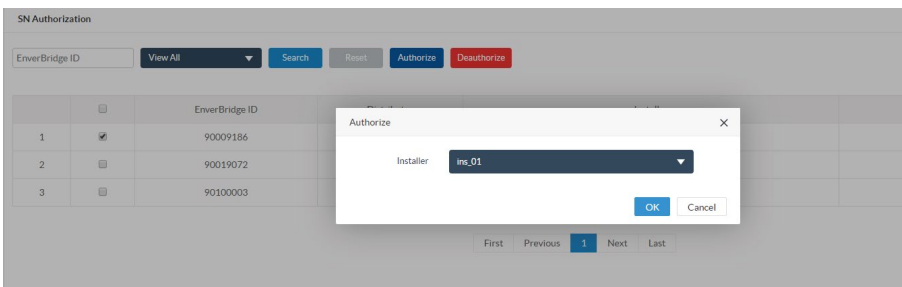
This function is to authorize EverBridge serial numbers(SN) to the installers or sub-channels subordinate to the distributor account. After authorization, the installers or sub-channels are able to see any added system under them in the installer account. One SN can only be authorized to one installer account.



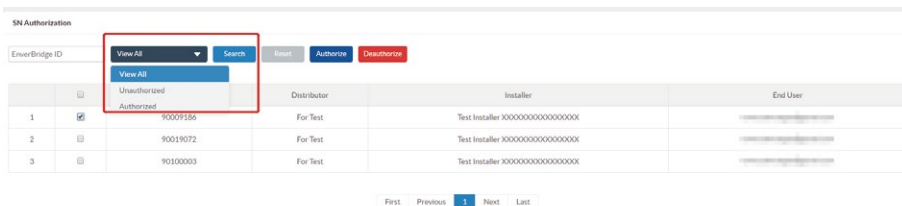
Select the EverBridge IDs/SNs to authorize and click the button of "Authorize".



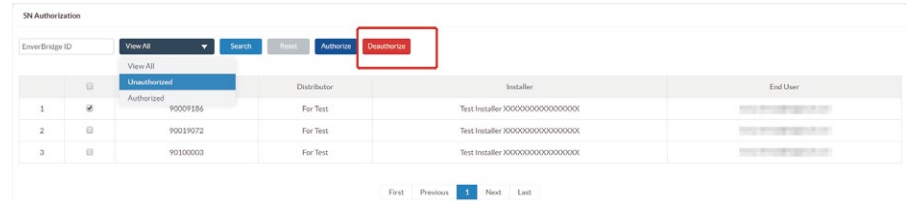
Select the EverBridge IDs/SNs to authorize and click the button of "Authorize".



If there is a large amount of data on this page, you can select "Unauthorized" and click "Search" to obtain the unauthorized SNs for more convenient operation.

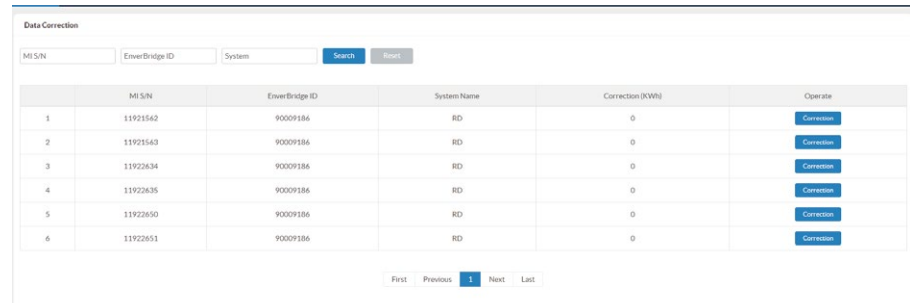


To cancel the authorization, similar to the above, please select the SN(s) and click "Deauthorize".

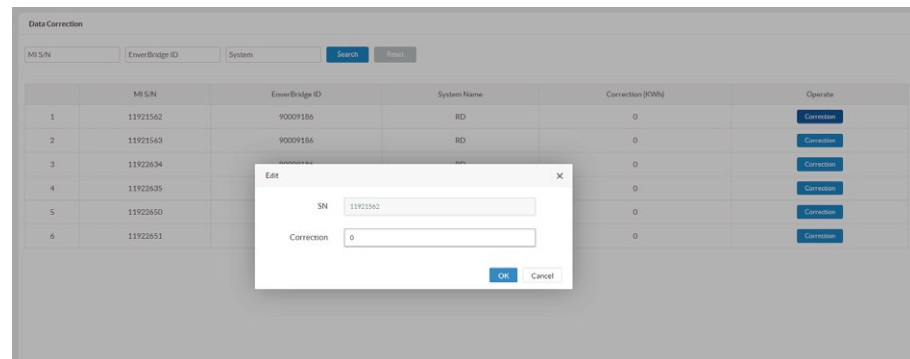


3.5 Data Correction

This function is used in cases of abnormal data, for example, there can be a data zeroing when a microinverter is replaced. Data correction therefore allows manual adjustment. You can do the search by "MI S/N", "EverBridge ID" or system name.



Click "Correction" in the right column, input the right number and click "OK" to complete the correction.

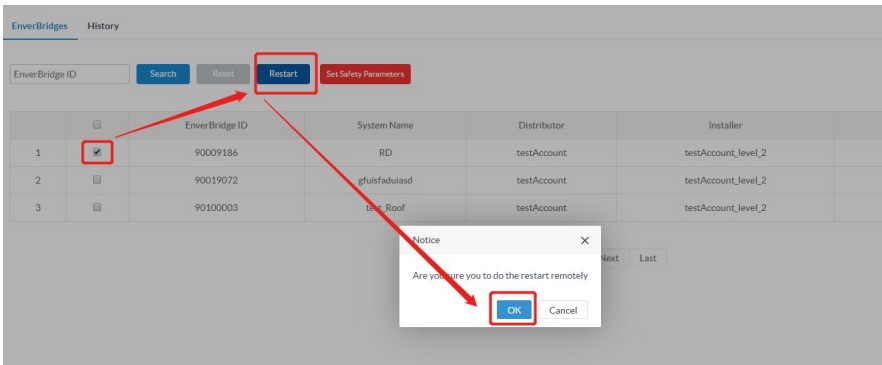


3.6 Remote Control

This function is used to restart EverBridges or set safety parameters remotely. The search can be made by "EverBridge ID".

Restart device(s):

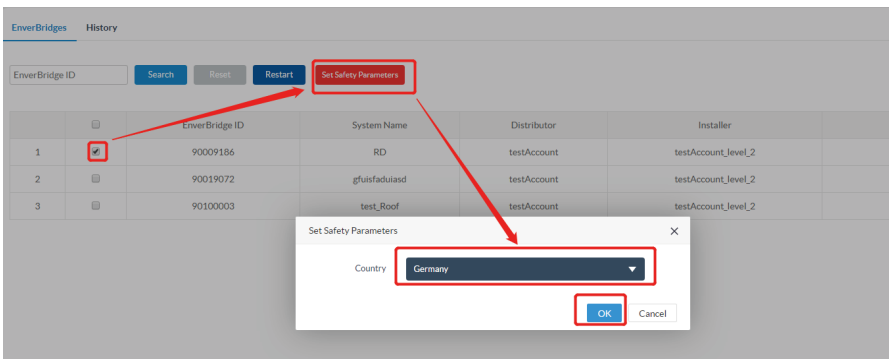
Select the device(s) you want to restart, then click "Restart". In the pop-up window, click "OK".



Set safety parameters:

Select the corresponding device(s), then click "Set Safety Parameters". In the pop-up window, choose the target country, and click "OK".

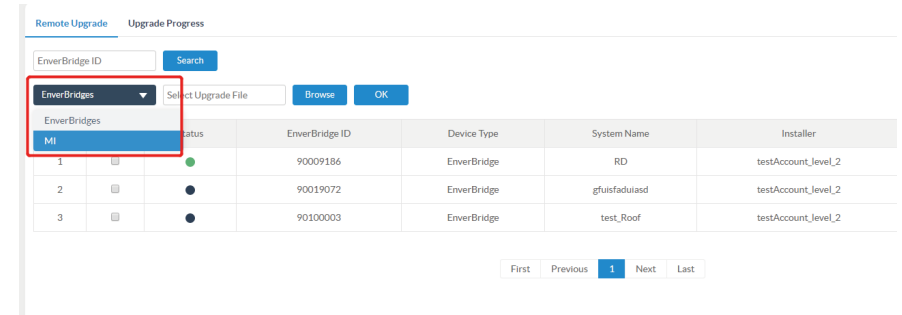
Note: This function is available on EVB 202 with firmware version 004 or above.



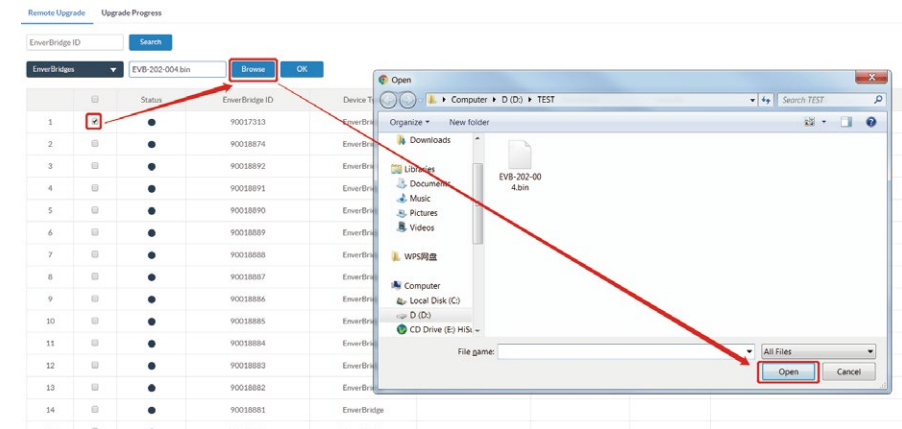
3.7 Remote Upgrade

This function is used to upgrade the firmware of devices remotely. A search can be made by "EnverBridge ID".

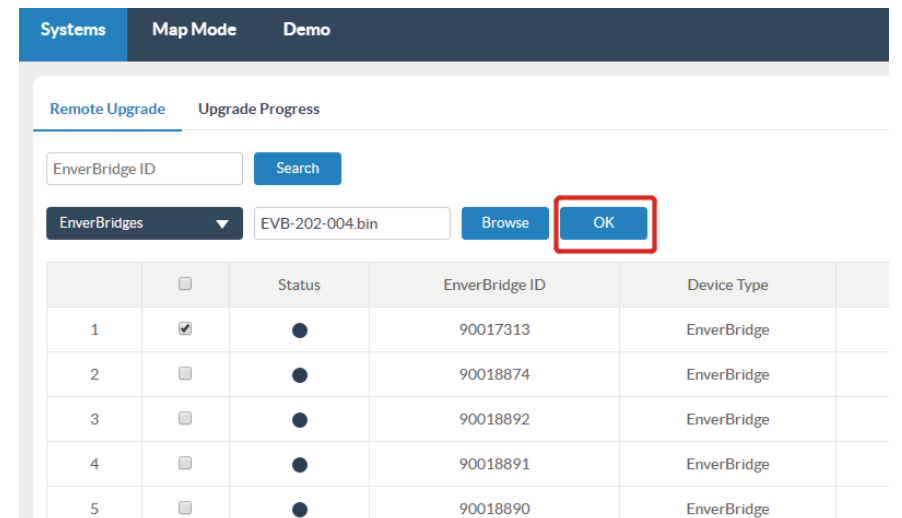
First select "EnverBridges" or "MI" and click the corresponding checkbox.



Click "Browse", and choose the upgrade firmware file.



Click "OK", and the upgrade progress will start.



Under "Upgrade Progress", the info and status of the history remote upgrades can be viewed.

EnverBridge ID	System Name	Creation Time	Update Time	Upgrade Progress	Status
1	test_Roof	5/24/2019 9:21:17 AM	5/24/2019 9:25:24 AM	100%	Update Succeeded
2	test_Roof	5/23/2019 6:21:47 PM	5/23/2019 6:25:39 PM	100%	Update Succeeded
3	rd_test	5/21/2019 3:29:37 PM	5/21/2019 3:31:58 PM	100%	Update Succeeded
4	rd_test	5/8/2019 4:26:23 PM	5/8/2019 4:30:33 PM	100%	Update Succeeded
5	rd_test	5/8/2019 1:19:22 PM	5/8/2019 1:20:29 PM	100%	Update Succeeded
6	rd_test	5/7/2019 10:02:58 AM	5/7/2019 10:05:27 AM	100%	Update Succeeded
7	rd_test	4/15/2019 6:01:13 PM	4/15/2019 6:07:59 PM	100%	Update Succeeded
8	rd_test	4/9/2019 10:02:44 AM	4/9/2019 10:05:46 AM	100%	Update Succeeded
9	rd_test	4/9/2019 9:27:50 AM	4/9/2019 9:56:25 AM	100%	Update Succeeded
10	test_Roof	4/2/2019 1:33:24 PM	4/2/2019 1:38:03 PM	100%	Update Succeeded
11	test_Roof	4/2/2019 1:18:48 PM	4/2/2019 1:19:53 PM	100%	Update Succeeded
12	test_Roof	4/2/2019 11:42:11 AM	4/2/2019 11:43:01 AM	100%	Update Succeeded

Note: The function of remote upgrade is available when EVB 202's firmware version is 004 or above, and microinverters' version is 1.7 or above.

4. User Management

Click "Users" in the left navigation bar to expand the function list.

The function list includes installer list, all users list and installer management.

4.1 Installer List

This page displays the information of all the installers under the distributor account, including username, password, system quantity, all systems' power, EnverBridge quantity, etc. A search can be made by "Username" and "Company".

Username	Password	System	Power	Capacity	EnverBridge	Active MIs/Total MIs	Company	Registration Time
1	testAccount_level_2	4	186 W	105.4 KWp	2	6 / 21	Test Installer XXXXXXXXXXXXXXXXXXXX	15/01/2019 03:17:09

4.2 Users

Here it displays the information of all the users under the distributor account, including username, password, role, registration time, etc. If a user forgets the password and does not want to retrieve the password by himself/herself, the distributor can find the old password for the user on this page.

A search can be made here by "Username", "Password" or "Company". Fuzzy searches are also available.

Username	Password	Nickname	Role	Company	Email	Phone	Registration Time (UTC)	Operate
1	test_Roof		End User				24/04/2019 02:45:35	Edit Delete
2	testAccount_level_2		Installer	Test Installer XXXXXXXXXXXXXXXXXXXX			15/01/2019 03:17:09	Edit Delete
3			End User				15/01/2019 03:17:09	Edit Delete
4	63.com		End User				15/01/2019 03:17:09	Edit Delete

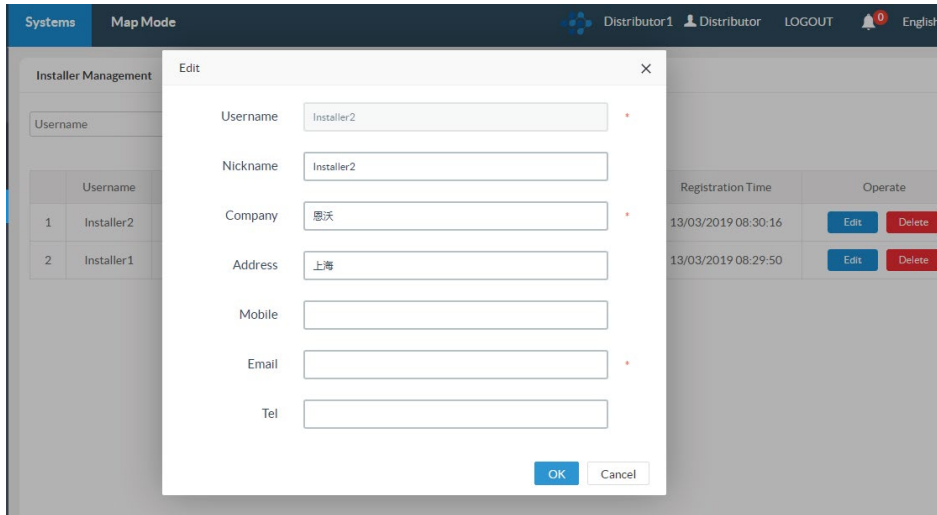
4.3 Installer Management

The installer is subordinate to the distributor. The installer account can only be created by the upper distributor account.

Add installer:

Click "Add" and fill in the information of the installer in the pop-up window.

The screenshot shows the 'Installer Management' page with an 'Add' button highlighted. A modal window titled 'Add' is open, containing the following fields: Username, Password (masked with dots), Confirm Password, Nickname, Company, Address, Mobile, Email, and Tel. The background shows a table with one user entry: Username: testAccount_level_2, Password: 111111, Nickname: testAccount_level_2, Tel: 12345678, Registration Time: 15/01/2019 03:17:09.



Click "Delete" if you want to delete an installer account.

5. Data Management

The real-time performance of all the systems under the distributor account can be viewed here. A search can be made by "EnverBridge ID", "MI S/N" or time period.

Note: Fuzzy search is not supported here due to large amounts of data.

Data

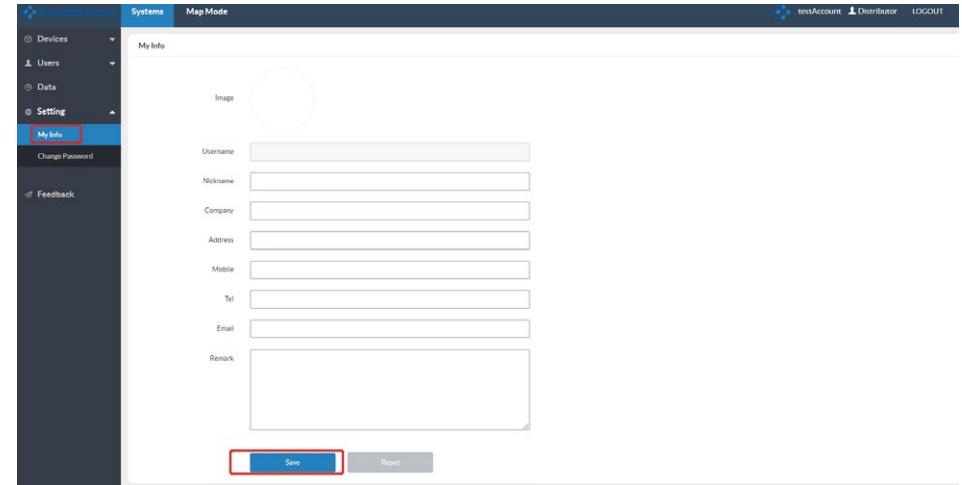
EnverBridge ID: MI S/N: 10/07/2019 15:30:17 11/07/2019 23:30:17

	EnverBridge ID	MI S/N	DC Input		AC Output		Today's Energy	Total Energy	Temperature	Time
			Voltage (V)	Voltage (V)	Power (W)	Frequency (Hz)				
1	90013637	12006296	32.95	239.88	42.73	50.02	0.67	82.98	28.09	10/07/2019 15:30:26
2	90013637	12005289	33.34	238.53	38.89	90.01	0.61	73.54	25.7	10/07/2019 15:30:26
3	90013637	12005288	33.62	238.53	40.64	50.01	0.64	75.84	25.8	10/07/2019 15:30:26
4	90013637	12006297	33.04	239.7	42.81	90.01	0.66	82.30	28	10/07/2019 15:30:26
5	90013637	12006805	32.36	237.73	-11.11	90.02	0.65	82.48	28.8	10/07/2019 15:30:26
6	90013637	12006804	32.74	237.92	42.02	50.01	0.66	83.03	29	10/07/2019 15:30:26
7	90013637	12006487	32.39	238.75	42.38	90.01	0.65	81.08	28.09	10/07/2019 15:30:26
8	90013637	12006619	33.06	239.14	42.59	50.02	0.65	83.51	29.09	10/07/2019 15:30:26
9	90013637	12006618	32.98	239.14	43.34	90.02	0.66	83.65	29	10/07/2019 15:30:26
10	90013637	12006486	32.8	238.83	-11.63	90.01	0.64	79.97	28.5	10/07/2019 15:30:26
11	90015599	12002767	30.5	243.02	77.41	50.01	0.78	68.43	30.3	10/07/2019 15:30:55
12	90015599	12002936	30.46	241.83	71.28	90.01	0.72	63.62	31.9	10/07/2019 15:30:55
13	90015599	12002937	30.66	241.47	77.78	50	0.79	68.41	31.09	10/07/2019 15:30:55
14	90015599	12002805	30.73	242.14	78.98	49.99	0.79	69.54	30.2	10/07/2019 15:30:55

6. Settings

6.1 My Info

Here you can edit the basic information of the distributor account. Click "My Info", edit the information and save your change.



6.2 Change Password

Here you can change the password of the distributor account. Click "Change Password" and save the change.

