Release: 05.04.2016



# **Establishing StecaGrid Portal**

# 1 Background

When the Ethernet interface of a coolcept inverter is connected to a router, the data from the data logger of the inverter is sent directly to the StecaGrid Portal. On the StecaGrid Portal, up to five coolcept and coolcept<sup>3</sup> inverters can be combined to one system. The data of the individual devices are added up and displayed as a complete system. Subsequently, the establishment of the StecaGrid Portal is described.

## 2 Explanation

### 2.1 Registration

- 2.1.1 Calling up the Internet portal, entering the language and serial number
  - Enter the following address into the Internet browser (or click the address if you are reading this document as a PDF on a computer monitor): <u>www.steca.com/portal</u>. Ensure that scripts and cookies for <u>http://www.steca.com/portal</u> are permitted in the browser.

Aeca	Change language	
StecaGrid portal registration		
Data logger Inverter serial number(s)*:     123456AB012345678912     * Please enter the serial number of the inverter here. Up to 5 inverters can be registered in this reg	istration process.	3 Continue
▶ User data		
▶ System		
I have read the General Terms and Conditions and the Data Protection Regulations and accept them.		Submit information

 $\Rightarrow$  Fig. 1 appears.

Fig. 1: Language selection and data entry form for the serial number

- 2. Select your language using the buttons (1) (in Fig. 1).
  - $\Rightarrow$  The language is set immediately.
- 3. Enter the serial number of the device into the field (2).



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$\bigcirc$	Notice
	<ul> <li>The serial number always consists of a sequence with 6 numbers – 2 letters – 12 numbers, e. g. 123456AB123456789012.</li> </ul>
	<ul> <li>If you enter an invalid serial number, an error message is displayed and the login process is cancelled.</li> </ul>
	<ul> <li>Press the green button "+" (at the left next to the field (2)), to enter the serial numbers of further inverters (a maximum of 5 inverters are possible).</li> </ul>

- 4. After entering the last serial number, press the button ③.
  - $\checkmark$  Fig. 2 appears.

#### 2.1.2 Entering the user data

<ul> <li>Data logger</li> </ul>		
▼ User data		
Registration	$\bigcirc$	
E-mail*:	service@stecasolar.com	
Password:	(2) •	
Repeat password:		
* Note: Your e-n	address is also your user name.	
6 (4)		$\overline{(5)}$
Back		Continue
. Custom		
<ul> <li>System</li> </ul>		

Fig. 2: Data entry form for user data



- 1. Enter your email address into the field (1) (Fig. 2). Observe the note (4).
- 2. Enter any desired password into the field (2) and repeat the entry of this password in the field (3) (safety check).
- 3. Confirm via the button (5) or



use the  $\square$  button to return to the previous page if necessary (entries in Fig. 2 are discarded).

 $\checkmark$  After  $\square$  has been pressed, Fig. 3 appears.

#### 2.1.3 Entering system data

StecaGrid portal registr	ation	
- System		
System name:	My Solar System 1	0
Installed power:	3.75 (2)	kwp 오
System description*:	StecaGrid 3600, 15 colar modules, 250 Wp	
	.: 210 of 250 characters available.	
* Please enter a des modules, the investigation of the state	cription of the system here. For example, yo d the power of the system. This information	u can enter data about the number and type of solar will be shown under technical data in StecaGrid portal.
Site data	5 6 On • Off • Determine position	
		Centre card on marker Karte Satellit
GOOBIC Frideren (* 2011)	vođenik nji piko (12009), Osopile Grafikan († 2014) biljinaro (pos	Generalis-DEIBKG, GeoContent - Nutzungelendingungung Fehler bei Google Maps melden
Longitude:	10.20018 0 15083	0
Latitude:	47.990521209208225	0
Adresse (optional):	87700 Me gen Mammostr. 1	
Back		
read the General Terms and	Conditions and the Data Protection Regulations and ac	cept them.

Fig. 3: Data entry form for the system data

- 1. Enter any desired name<sup>A)</sup> for your solar system into the field [] in Fig. 3.
- 2. Enter the installed power<sup>A)</sup> of the system into the field (2).
- 3. Enter a description<sup>A)</sup> of the system into the field ③. Observe the note ④.
- 4. Use the Google Maps buttons [] to [] to navigate to the location of the system.
  - $\Rightarrow$  The location data is displayed in the fields [] .
- 5. Enter an optional address of the system into the field  $\square$ .



6. Select the check box  $\square$  and confirm via the button  $\square$ .

 $\checkmark$  Fig. 5 appears; an email with the same activation code as in Fig. 4 is sent to the email address [] in Fig. 2.

[StecaGrid portal Registration]
E-mail verification
Dear User,
This is an automatically generated e-mail to verify your e-mail address.
If you have not yet registered StecaGrid portal, you do not need to take further action and can simply ignore this e-mail.
To activate your account and continue the set-up procedure, please click on the following activation link:
https://www.solar-monitoring.net/ssp/anmeldung/einrichtungSimple.php?source=2Z⟨=en&verKey=Jm&device=desktop
Alternatively, you can enter the following activation key on the login page:
JqwMBfcPgovBwPzkUHIzHHMhoiDWtYIBLVejBwoHAm
Kind regards
Steca Elektronik GmbH

Fig. 4: Email with the activation code

<sup>A)</sup> Data may be subsequently changed.

#### 2.1.4 Completing registration



*Fig. 5: Data entry form for the activation code* 



- 1. In field 2 in Fig. 5, enter the activation code you received in the email shown in Fig. 4.
- 2. Confirm via the button ③.

 $\checkmark$  After successful registration, Fig. 6 appears, and you are sent another email for confirmation (Fig. 7). This email contains a direct link to Fig. 9.

StecaGrid portal registration	
	S Your account has been successfully confirmed!
	Registration will now take place See Please wait a moment. Once the set-up has been successfully completed, you can still perform additional set-up operations (optional).

Fig. 6: Confirmation message of successful registration

[StecaGrid portal Registration]
Dear User,
Congratulations on successfully registering your data logger.
Your system has been set up with the following data:
System name: My Solar System
Installed power: 3.75 kWp
System description: StecaGrid 3600, 15 solar modules, 250 Wp
Data logger hardware number: 748613YH005179760001
We hope you will enjoy using your dashboard.
The following link will take you to your
system.: http://public.solarmonitoring.net/dashboard/system/9T
User data:
E-mail/login: service@stecasolar.com Password: 123456
Kind regards
Steca Elektronik GmbH

Fig. 7: Email confirming successful registration



### 2.2 Login – Displaying yield data – Changing settings

- 1. Enter the following address in your Internet browser: <u>www.solare-energiewende.de</u>. Ensure that scripts and cookies for <u>www.solare-energiewende.de</u> are permitted in the browser.
  - $\Rightarrow$  The home page of the Internet portal as shown in Fig. 8.
- 2. The functions as per the legend shown in Fig. 8.



Fig. 8: Home page of the Internet portal

- 1 Entry field *User name* (= email address)
- 2 Entry field Password
- ③ Button for logging in after [] and [] have been entered. After logging in, the functions as per the legend shown in Fig. 9.
- (4) Data entry field for the postal address of the system that is to be displayed (login not required).
- (5) Data entry field for the name of the system that is to be displayed.
- (6) Map for searching for systems.

#### Technical Information: Establishing StecaGrid Portal



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Fig. 9: Yield display

- (1) System data display
- 2 Performance data display
- 3 Environmentally related data display
- (4) Buttons for changing the display
- 5 Yield charts display
- (6) Buttons for setting the period shown in (5)
- ⑦ Button for changing the system data, as described in 2.1.3 "Entering system data".
- (8) Button for selecting the language

### 3 Contact Steca

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