

Guia para Senhas de 2º Nível & Parâmetros Avançados dos Inversores

Sumário

01

Site do Registration / senhas de
2º nível / download de
firmware

02

Parâmetros Avançados nos
Inversores.

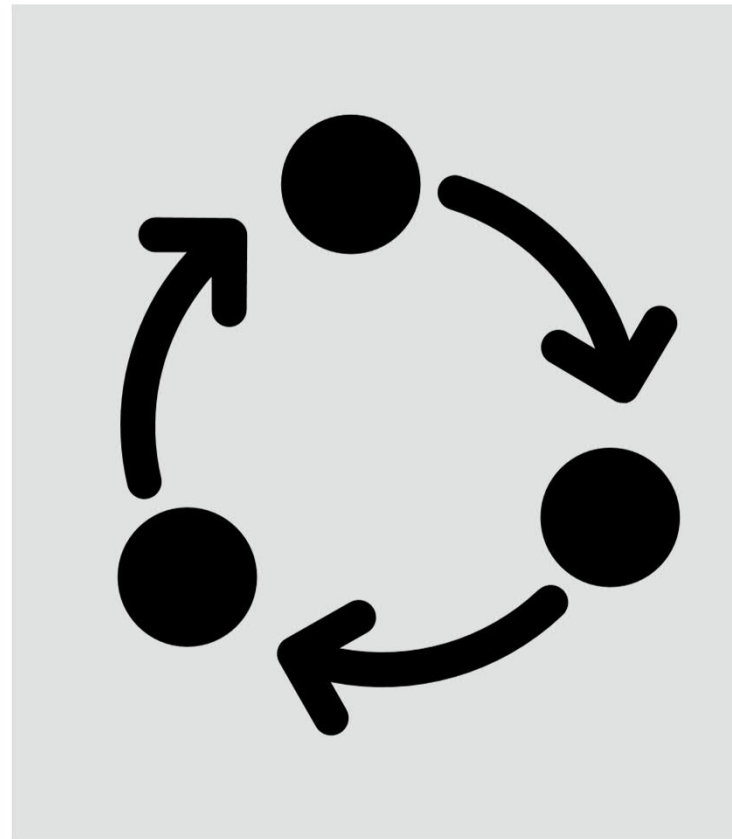
01 Site Registration

Site Registration

Acesso as ferramentas avançadas

- Acessos para download das versões recentes de firmwares dos inversores

- Acesso gratuito para download dos programas Aurora Manager Lite



- Confeção de senhas de segundo nível para alteração de parâmetros AC

- Histórico das senhas geradas, mantendo um maior controle para o integrador.

Primeiro acesso no site do Registration e criação de login

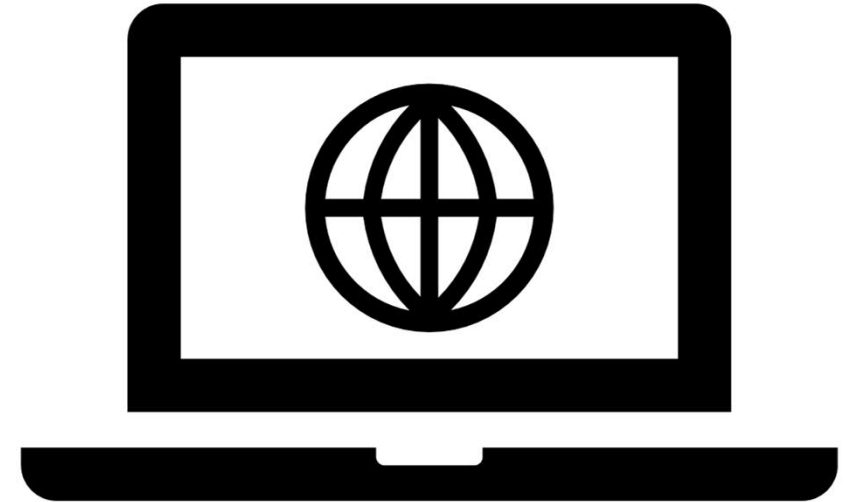


Site Registration

1º passo para acessar a ferramenta do Resgistration

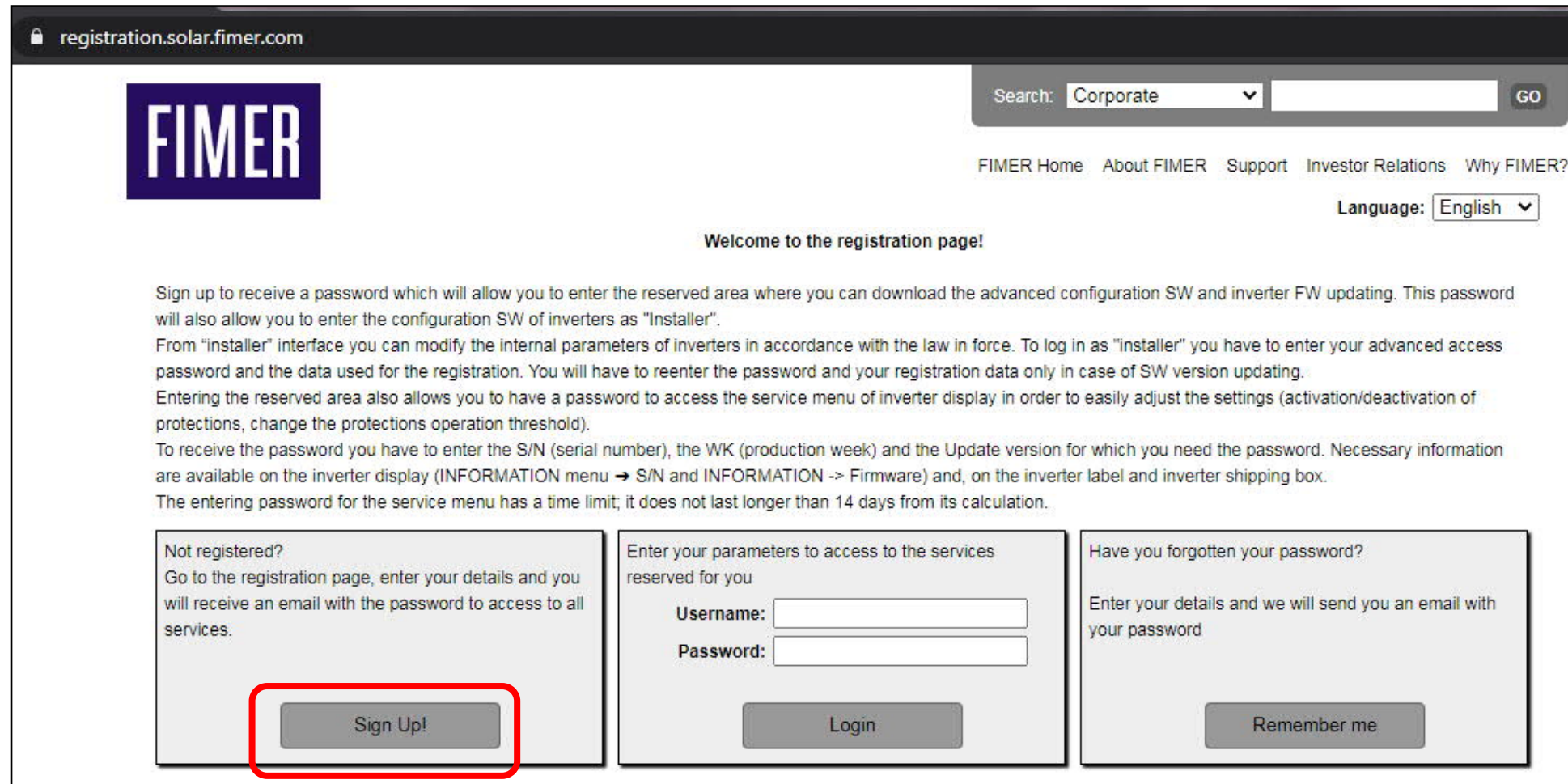
Link : <https://registration.solar.fimer.com/>

Observação : Usar o site em inglês e sem o tradutor ativo,
em breve terá a opção língua em português



Site Registration

Fazendo o primeiro registro, “Clicar em Sign Up!”



The screenshot shows the registration page for FIMER. At the top, the browser address bar displays 'registration.solar.fimer.com'. The FIMER logo is on the left, and a search bar with 'Corporate' and a 'GO' button is on the right. Navigation links include 'FIMER Home', 'About FIMER', 'Support', 'Investor Relations', and 'Why FIMER?'. A language dropdown is set to 'English'. A welcome message reads: 'Welcome to the registration page!'. Below this, a paragraph explains the registration process: 'Sign up to receive a password which will allow you to enter the reserved area where you can download the advanced configuration SW and inverter FW updating. This password will also allow you to enter the configuration SW of inverters as "Installer". From "installer" interface you can modify the internal parameters of inverters in accordance with the law in force. To log in as "installer" you have to enter your advanced access password and the data used for the registration. You will have to reenter the password and your registration data only in case of SW version updating. Entering the reserved area also allows you to have a password to access the service menu of inverter display in order to easily adjust the settings (activation/deactivation of protections, change the protections operation threshold). To receive the password you have to enter the S/N (serial number), the WK (production week) and the Update version for which you need the password. Necessary information are available on the inverter display (INFORMATION menu -> S/N and INFORMATION -> Firmware) and, on the inverter label and inverter shipping box. The entering password for the service menu has a time limit; it does not last longer than 14 days from its calculation.'

At the bottom, there are three boxes. The first box, titled 'Not registered?', contains the text: 'Go to the registration page, enter your details and you will receive an email with the password to access to all services.' Below this text is a 'Sign Up!' button, which is highlighted with a red rectangle. The second box, titled 'Enter your parameters to access to the services reserved for you', contains fields for 'Username:' and 'Password:', and a 'Login' button. The third box, titled 'Have you forgotten your password?', contains the text: 'Enter your details and we will send you an email with your password' and a 'Remember me' button.

Site Registration

Preenchendo as informações pessoais



Search: Corporate

[FIMER Home](#) [About FIMER](#) [Support](#) [Investor Relations](#) [Why FIMER?](#)

Language:

Enter your registration information

E-mail do integrador

E-Mail:

The Email will also be your username for access to the site once registration is completed

Primeiro Nome

First name:

Sobrenome

Surname:

Data de nascimento

Date of birth:

País

Country:

Endereço

address:

Private / Trade:

Tipo de conta

CEP

Zip Code:

Celular

Phone:

☒ Send a notification when new configuration SW version are released

Envio de notificação por e-mail toda vez que um senha de nível 2 for criada com seu usuário

Site Registration

Ler e aceitar os termos de utilização

FIMER

Search: Corporate GO

FIMER Home About FIMER Support Investor Relations Why FIMER?

Conditions for use of the website and passwords for advanced access to the configuration instruments of Power-One inverters.
provided on this website.

8. Applicable law and jurisdiction. The use of the Power-One website, including access to information on Power-One products, in particular to the inverter and to the password to access the software to change the data is an implicit acceptance by the user to subject themselves to the sole and exclusive jurisdiction of Italy and to the application of the law in this jurisdiction, regardless of the fact that access to the aforementioned information or structures occurs in the interests of the user themselves or on behalf of others.

At the absolute and exclusive discretion of Power-One, the latter has the right to take legal action against a user for violation of these conditions in Italy, in the country in which the violation occurred, or in the country in which the user resides or, in the case of violation by more than one user, in the country of residence of any of them, obliging the other users involved to subject themselves to this jurisdiction.

☒ I agree

Download the pdf document

Statement on processing personal data

- to the processing of personal data concerning him or her for the purpose of sending advertising or direct sales materials, or for conducting market or commercial communications surveys.

Data controller
The data controller is the Personal Data Processing Manager at Power-One Italy S.p.A., whom you should address in writing to exercise the aforementioned rights provided for under Article 7 of the Personal Data Protection Code, by sending an e-mail to privacy.it@power-one.com or writing to:
Power-One Italy S.p.A.
Via S. Giorgio 642
52028 Terranuova Bracciolini (Ar)
Attn. Personal Data Processing Manager

☒ I agree

Download the pdf document

Cancel Sign Up!

Site Registration

Confirmar se as informações estão corretas e aceitar

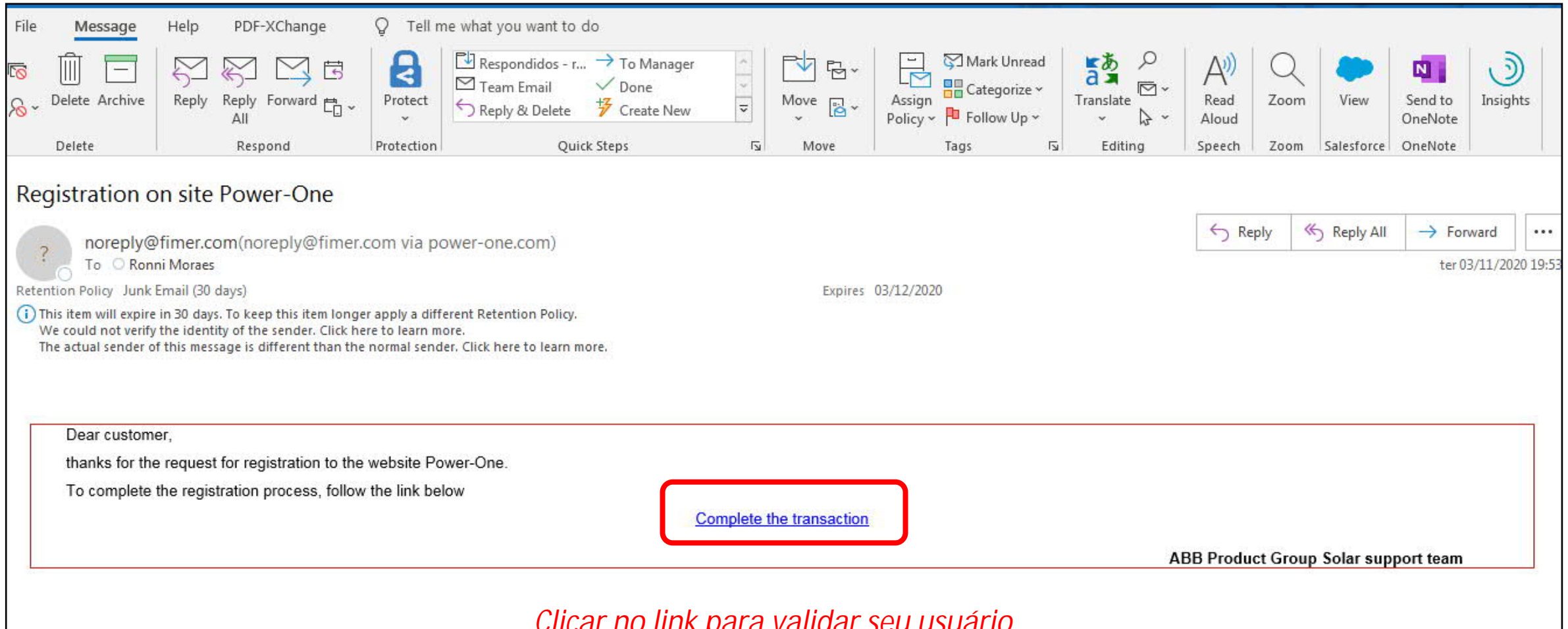
The screenshot shows the FIMER website's registration page. A modal window titled "Check the entered data" is displayed in the center, prompting the user to verify their information before recording. The modal contains the following details:

- E-Mail:** ronni.moraes@fimer.com
- First name:** Ronni **Surname:** Moraes
- Private / Trade:** Individual person
- Date of birth:** TueTue-NovNov-1969196919691969
- Country:** Brasil
- address:** Rodovia Senador José Ermirio de Moraes, 548
- Zip Code:** 18087-125
- Phone:** 15 3023-7795

At the bottom of the modal, there are two buttons: "I want to change the data" and "Confirm the data entered". The "Confirm the data entered" button is highlighted with a red rectangle. In the background, the registration form is partially visible, showing a search bar, navigation links, and various checkboxes for agreement.

Site Registration

Você irá receber um e-mail para confirmação



The screenshot shows an email client interface with a ribbon at the top containing tabs like File, Message, Help, and PDF-XChange. The 'Message' tab is active, showing various actions like Delete, Archive, Reply, Forward, and Protect. Below the ribbon, the email content is displayed. The subject is 'Registration on site Power-One'. The sender is 'noreply@fimer.com(noreply@fimer.com via power-one.com)' and the recipient is 'Ronni Moraes'. The email includes a retention policy notice and a red-bordered box containing the registration instructions and a link to 'Complete the transaction'. The email is dated 'ter 03/11/2020 19:53'.

File Message Help PDF-XChange Tell me what you want to do

Delete Archive Reply Reply All Forward Protect Quick Steps Move Tags Editing Speech Zoom Salesforce OneNote Insights

Registration on site Power-One

noreply@fimer.com(noreply@fimer.com via power-one.com)
To Ronni Moraes

Retention Policy Junk Email (30 days) Expires 03/12/2020

This item will expire in 30 days. To keep this item longer apply a different Retention Policy. We could not verify the identity of the sender. Click here to learn more. The actual sender of this message is different than the normal sender. Click here to learn more.

Dear customer,
thanks for the request for registration to the website Power-One.
To complete the registration process, follow the link below

[Complete the transaction](#)

ABB Product Group Solar support team


ter 03/11/2020 19:53

Clicar no link para validar seu usuário

Site Registration

Depois você irá receber um outro e-mail com a senha

Registration confirmation to Power-One



noreply@fimer.com(noreply@fimer.com via power-one.com)
To Ronni Moraes

Expires 03/12/2020

ter 03/11/2020 19:58

Retention Policy Junk Email (30 days)

i Links and other functionality have been disabled in this message. To turn on that functionality, move this message to the Inbox. This message was marked as spam using a junk filter other than the Outlook Junk Email filter. We could not verify the identity of the sender. Click here to learn more. The actual sender of this message is different than the normal sender. Click here to learn more.

Dear Customer,

You successfully completed the registration to the Power-one's website. The following password will allow you the access our reserved area.

We recommend you archive this e-mail and save its content in order to retrieve your password at any time!

The following are your access credentials:

Username: Use the e-mail address given during the registration step

Password: **3v5Hc0**

Fazer o login com seu e-mail e essa senha, guarde essa senha.


This password, alongside the information inserted (e-mail address, Name, Surname, date of birth) will allow you to access the reserved area with an "Installer" profile and download our monitoring and configuration SW Aurora Manager. You will then be able to perform advanced configuration settings on your Power-One inverters and get an access code to the service menu attainable by the inverter's display. The access code calculation requires the inverter SN entry and has a temporary duration of 14 days from the requested date.

Click [here](#) to see our supply conditions.

ABB Product Group Solar support team

Site Registration

Fazendo o primeiro login



Search: Corporate

[FIMER Home](#) [About FIMER](#) [Support](#) [Investor Relations](#) [Why FIMER?](#)

Language:

Welcome to the registration page!

Sign up to receive a password which will allow you to enter the reserved area where you can download the advanced configuration SW and inverter FW updating. This password will also allow you to enter the configuration SW of inverters as "Installer".

From "installer" interface you can modify the internal parameters of inverters in accordance with the law in force. To log in as "installer" you have to enter your advanced access password and the data used for the registration. You will have to reenter the password and your registration data only in case of SW version updating.

Entering the reserved area also allows you to have a password to access the service menu of inverter display in order to easily adjust the settings (activation/deactivation of protections, change the protections operation threshold).

To receive the password you have to enter the S/N (serial number), the WK (production week) and the Update version for which you need the password. Necessary information are available on the inverter display (INFORMATION menu → S/N and INFORMATION → Firmware) and, on the inverter label and inverter shipping box.

The entering password for the service menu has a time limit; it does not last longer than 14 days from its calculation.

Not registered?

Go to the registration page, enter your details and you will receive an email with the password to access to all services.

Enter your parameters to access to the services reserved for you

Username:

Password:

Have you forgotten your password?

Enter your details and we will send you an email with your password

Funcionalidades do site do Registration

- Histórico de senhas geradas
- Criação da senha de 2º nível
- Download de firmware & programas
- Informações e mudança de dados pessoais



Site Registration

Funcionalidades do site do Registration


The screenshot shows the FIMER Registration site interface. At the top left is the FIMER logo. To the right is a search bar with a dropdown menu set to 'Corporate' and a 'GO' button. Below the search bar are navigation links: 'FIMER Home', 'About FIMER', 'Support', 'Investor Relations', and 'Why FIMER?'. On the right side, there is a 'Language: English' dropdown and a 'Logout' button. A horizontal menu contains five items: 'Requests history' (annotated with a red '1'), 'Request password Inverter' (annotated with a red '2'), 'Download' (annotated with a red '3'), 'User options' (annotated with a red '4'), and 'Logout' (annotated with a red '5'). Below the 'Requests history' menu item, there is a text box stating 'In this page is possible to consult the history of requests made', a 'Mail' button, and a 'Scarica il file dello storico' button. Below these elements is a table with the following data:

Date	Time	Type of operation	Note
Mon, November 3, 2020	07:52PM	Site Registration	

- 1 – Históricos de Senha de 2º Nível
- 2 – Gerar senha de 2º nível
- 3 – Área de acesso dos firmware e softwares disponível para download.
- 4 – Informações e dados pessoais
- 5 – Sair da área de acesso do site

Site Registration

Histórico de senhas geradas



Search: Corporate

[FIMER Home](#) [About FIMER](#) [Support](#) [Investor Relations](#) [Why FIMER?](#)

Language:

[Requests history](#) [Request password inverter](#) [Download](#) [User options](#)

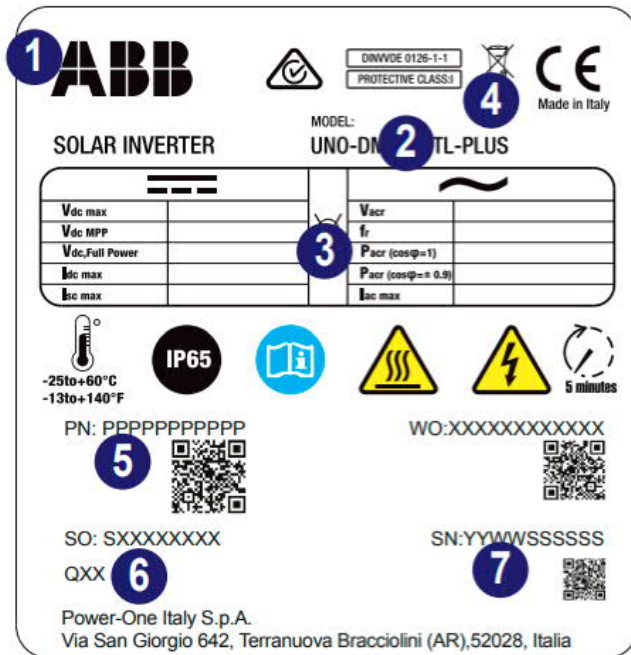
In this page is possible to consult the history of requests made

Date	Time	Type of operation	Note
Tue, October 28, 2020	10:14AM	Request password inverter	Inverter:PVS-100/120-TL - S/N:121261 - WK:4019 - PSW:744441- EXP:2020-11-11
	09:30AM	Request password inverter	Inverter:PVS-100/120-TL - S/N:121261 - WK:3919 - PSW:619750- EXP:2020-11-11
Mon, October 27, 2020	05:10PM	Request password inverter	Inverter:PVS-100/120-TL - S/N:140695 - WK:3918 - PSW:632494- EXP:2020-11-10
	03:27PM	Request password inverter	Inverter:PVI-12.5-TL-OUTD - S/N:100646 - WK:4918 - PSW:717631- EXP:2020-11-10
	09:47AM	Request password inverter	Inverter:PVS-100/120-TL - S/N:113917 - WK:4718 - PSW:708212- EXP:2020-11-10
Sun, October 26, 2020	01:05PM	Request password inverter	Inverter:PVS-100/120-TL - S/N:121257 - WK:4019 - PSW:744433- EXP:2020-11-09
Thu, October 23, 2020	02:49PM	Request password inverter	Inverter:UNO-DM-6.0-PLUS - S/N:112659 - WK:3418 - PSW:658494- EXP:2020-11-06

Criação da senha de 2º nível

1º Passo - etiqueta do inversor / monofásico

Linha UNO-TL-DM e Q



Nomenclaturas

The Regulatory label contains the following information:

1. Manufacturer
2. Model
3. Rating data
4. Certification marks
5. Inverter Part Number
6. Week/Year of manufacture
7. Inverter Serial Number consisting of:
 - YY = Year of manufacture
 - WW = Week of manufacture
 - SSSSSS = sequential number

Criação da senha de 2º nível

1º Passo - etiqueta do inversor / trifásico

TRIO-20/27.6



Nomenclaturas

- • **Inverter model**
 - XX.X = Inverter power rating:
 - Y = Wiring box model
- • **Inverter Part Number**
- • **Week/Year of manufacture**
- • **Inverter Serial Number** composed of:
 - YY = Year of manufacture
 - WW = Week of manufacture
 - SSSSSS = sequential number

Criação da senha de 2º nível

1º Passo - etiqueta do inversor / trifásico

TRIO-50/60-TL e TM



Nomenclaturas

- Power module or wiring box model
- Power module or wiring box Part Number
- Power module/wiring box Serial Number
 - YY = Year of manufacture
 - WW = Week of manufacture
 - SSSSSS = sequential number
- Week/Year of manufacture

Criação da senha de 2º nível

1º Passo - etiqueta do inversor / trifásico

PVS-100/120 e 175



Nomenclaturas

- Power module or wiring box model
- Power module or wiring box Part Number
- Power module/wiring box Serial Number
 - YY = Year of manufacture
 - WW = Week of manufacture
 - SSSSSS = sequential number
- Week/Year of manufacture

Criação da senha de 2º nível

Fotos das etiquetas do inversores linha UNO

LINHA UNO-TL-DM e Q

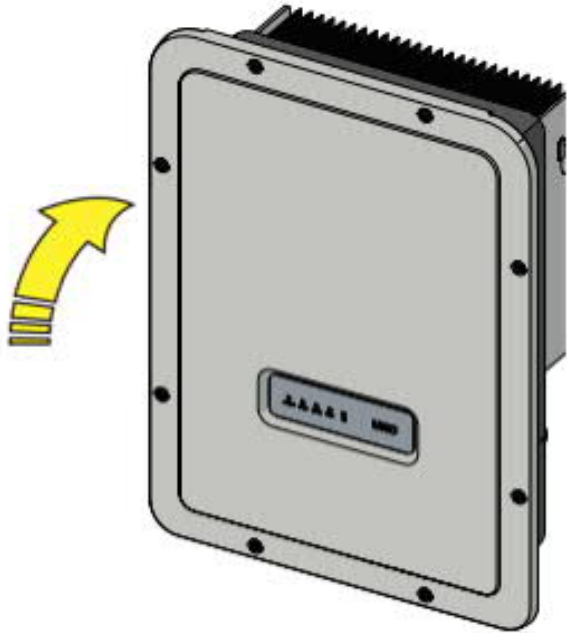


Foto Etiqueta



Criação da senha de 2º nível

Foto das etiquetas do inversores linha PVI

Linha PVI

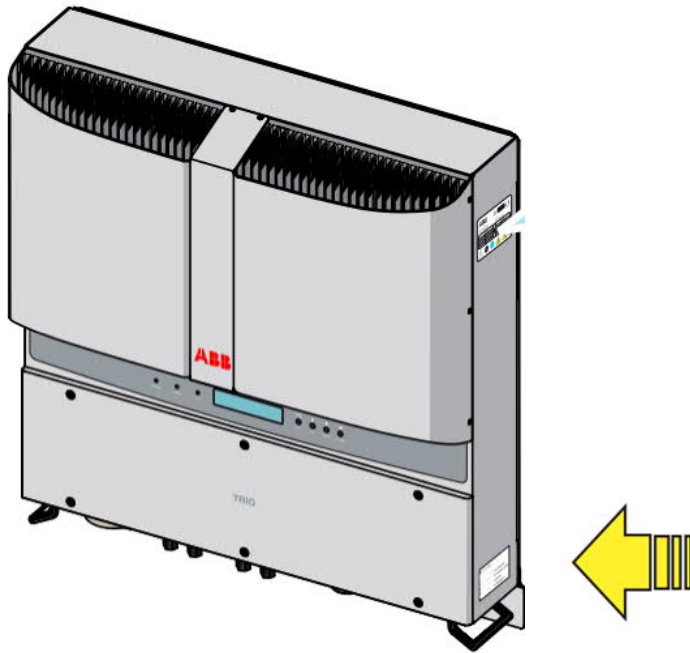


Foto Etiqueta



Criação da senha de 2º nível

Foto da etiqueta do power module linha TRIO-20/27.6

TRIO-20/27.6-TL

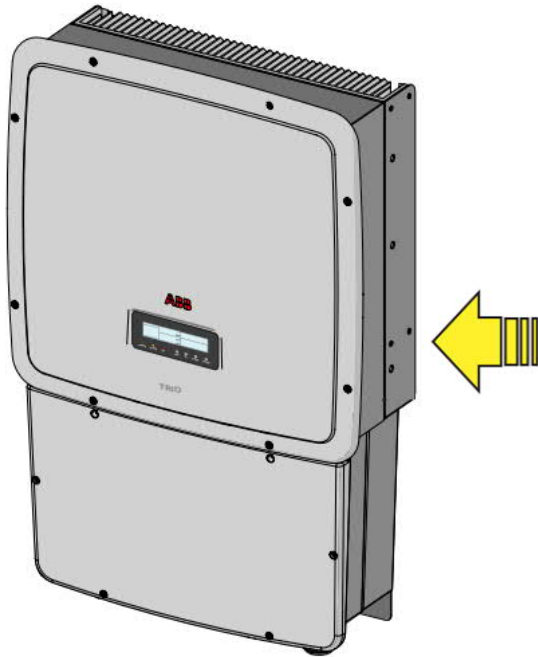
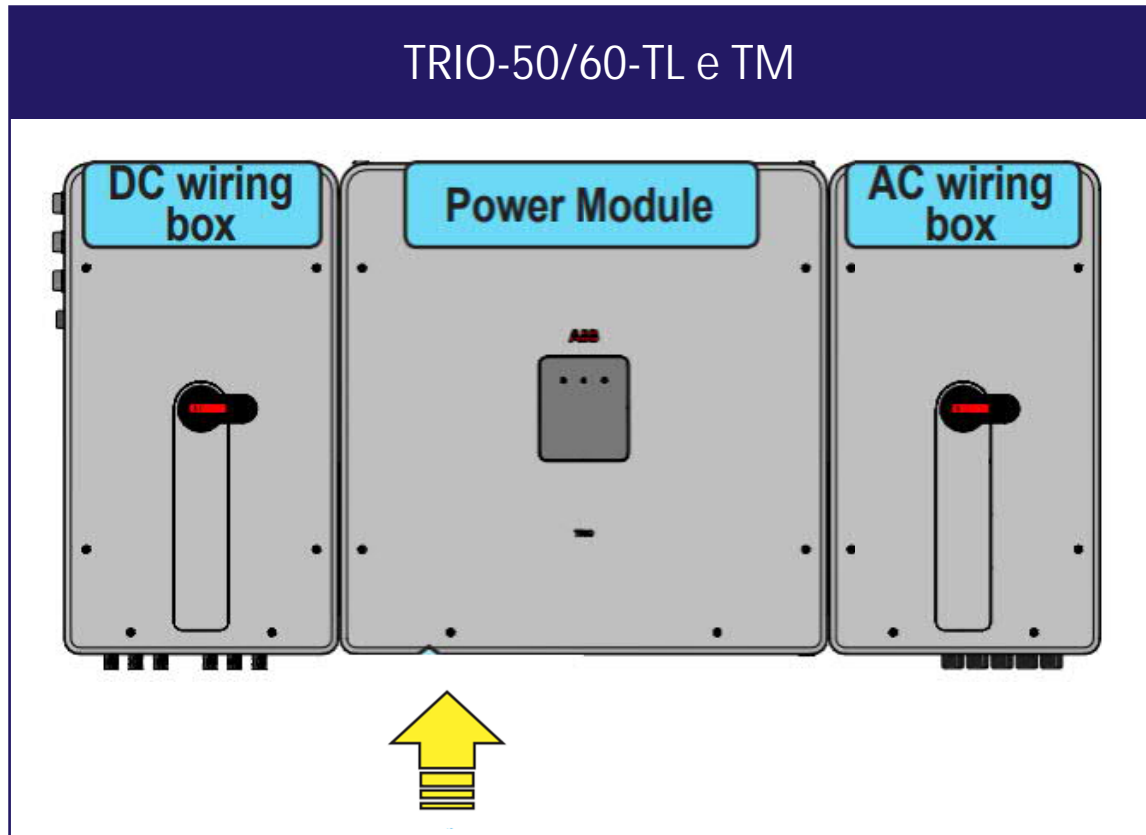


Foto Etiqueta



Criação da senha de 2º nível

Foto da etiqueta do power module linha TRIO-50/60



Criação da senha de 2º nível

Foto da etiqueta do power module linha PVS-100/120

PVS-100/120

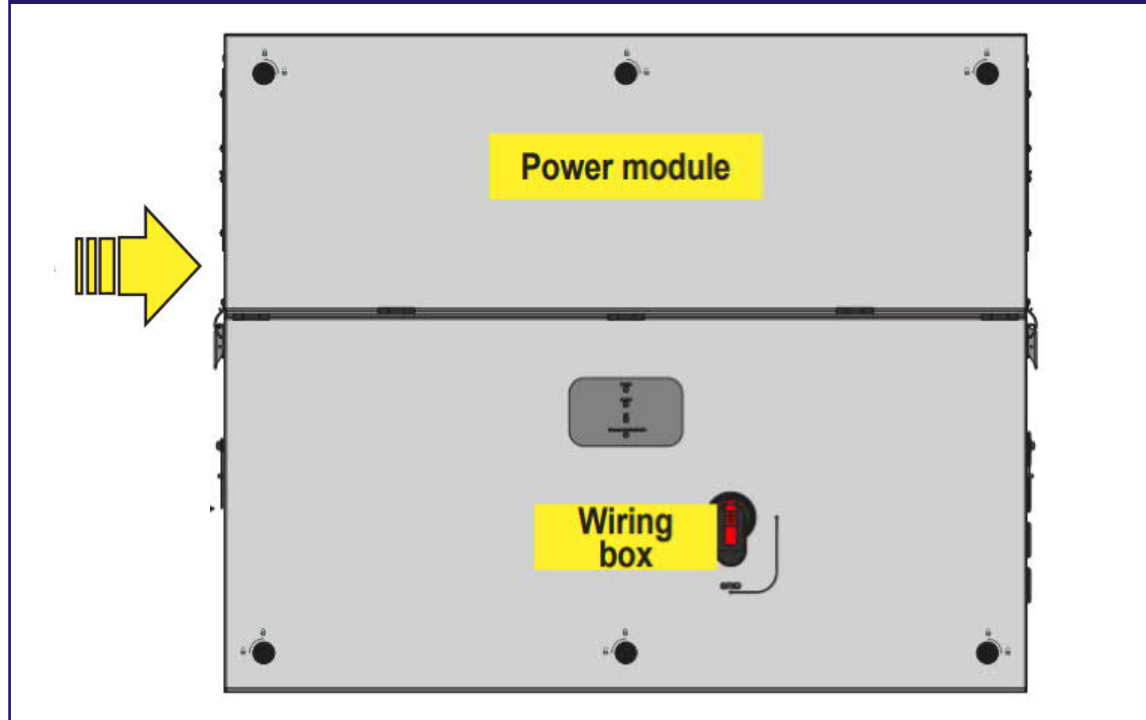
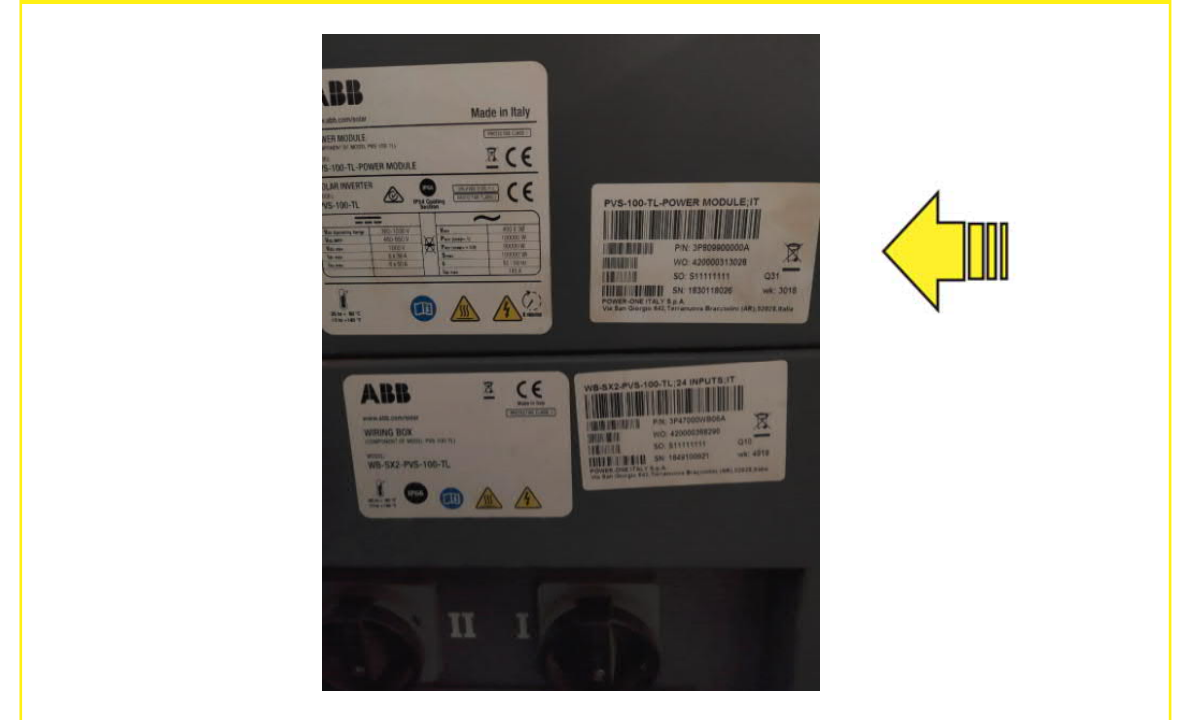
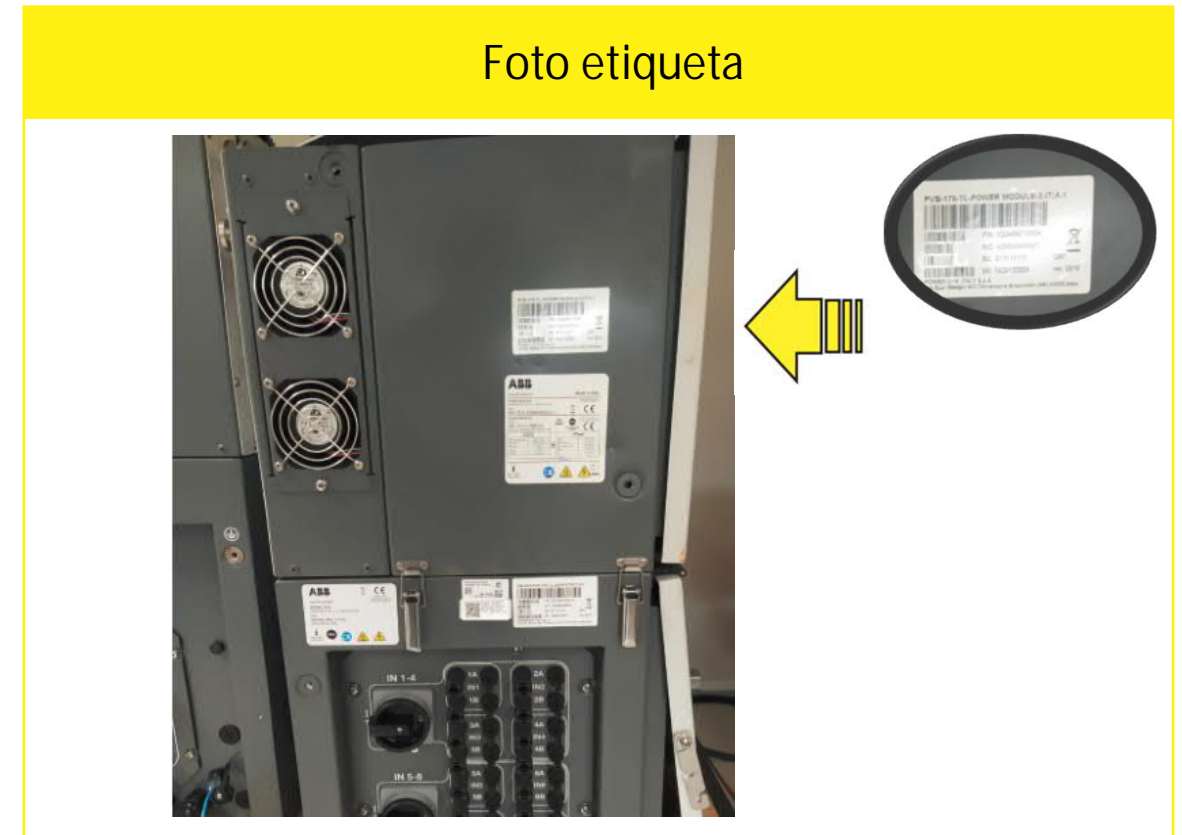
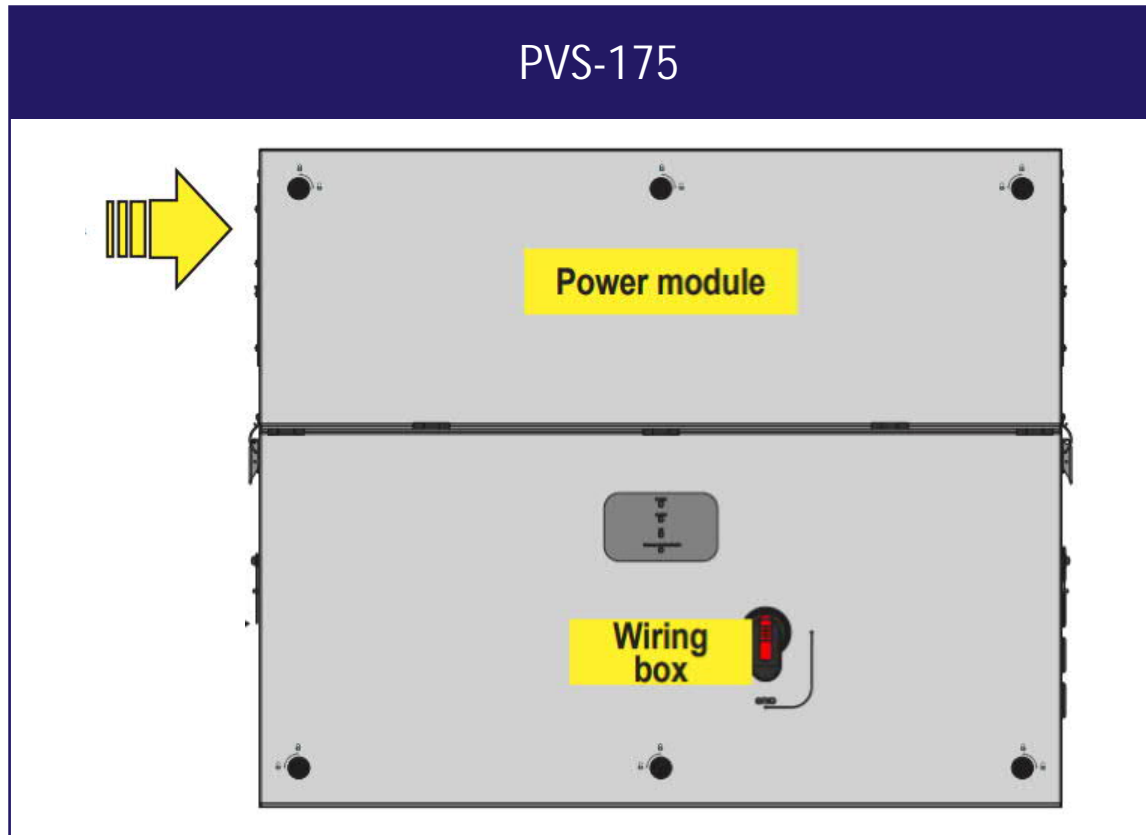


Foto etiqueta




Criação da senha de 2º nível

Foto da etiqueta do power module linha PVS-175



Criação da senha de 2º nível

Inserindo os dados da etiqueta



Search: Corporate

FIMER Home About FIMER Support Investor Relations Why FIMER?

Language: English

Requests history

Request password Inverter

Download

User options

In order to request the service password you have to insert the model of the inverter (which can be selected in the pull-down list), the S/N (serial number), the WK/YR (week/year of production of the inverter) and the Update Ver.. This information is available on the display of the inverter: S/N and WK/YR in the menu "INFORMATION – Serial Number"; the Update Ver. in the menu "INFORMATION – Firmware – Update Ver."

The S/N of the inverter must be composed by 6 digits; WK (week/year of production) must be inserted in the WKYR format, without the interposition of any digit, Update Ver. must be composed by 5 digits, as it appears in the display of the inverter.

About the value to insert in the Update Ver. field, the following rules must be observed:

1. In case on the display the information Update Ver. is not present or it is "NONE", leave the field blank.
2. In case on the display the information Update Ver. is composed only of numbers:
 - if the year of production is 12 (2012) or lower, the information is mandatory for the password calculation and the field must be filled with the information as shown on the display.
 - if the year of production is 13 (2013) or higher, the information is not mandatory and the field can be left blank.
3. In case on the display the information Update Ver. includes a letter:
 - if the year of production is 12 (2012) or lower, leave the field blank taking care to insert as week/year of production D113.
 - if the year of production is 13 (2013) or higher, leave the field blank taking care to insert week/year as shown on the inverter display.

Inverter model:	Update Ver.:	S/N Inverter:	Week / year of production:	Note
<input type="text" value="PVS-100/120-TL"/>	<input type="text"/>	<input type="text" value="123456"/>	<input type="text" value="1920"/>	
<input type="text" value="PMI-2000(-OUTD)-XX"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text" value="PMI-2000(-OUTD)-XX"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text" value="PMI-2000(-OUTD)-XX"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text" value="PMI-2000(-OUTD)-XX"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	



Criação da senha de 2º nível
Finalizando com o número da senha

FIMER

Search: Corporate GO

FIMER Home About FIMER Support Investor Relations Why FIMER?

own on the display.

- if the year of production is 13 (2013) or higher, the information is not mandatory and the field can be left blank.

3. In case on the display the information Update Ver. includes a letter:

- if the year of production is 12 (2012) or lower, leave the field blank taking care to insert as week/year of production 0113.
- if the year of production is 13 (2013) or higher, leave the field blank taking care to insert week/year as shown on the inverter display.

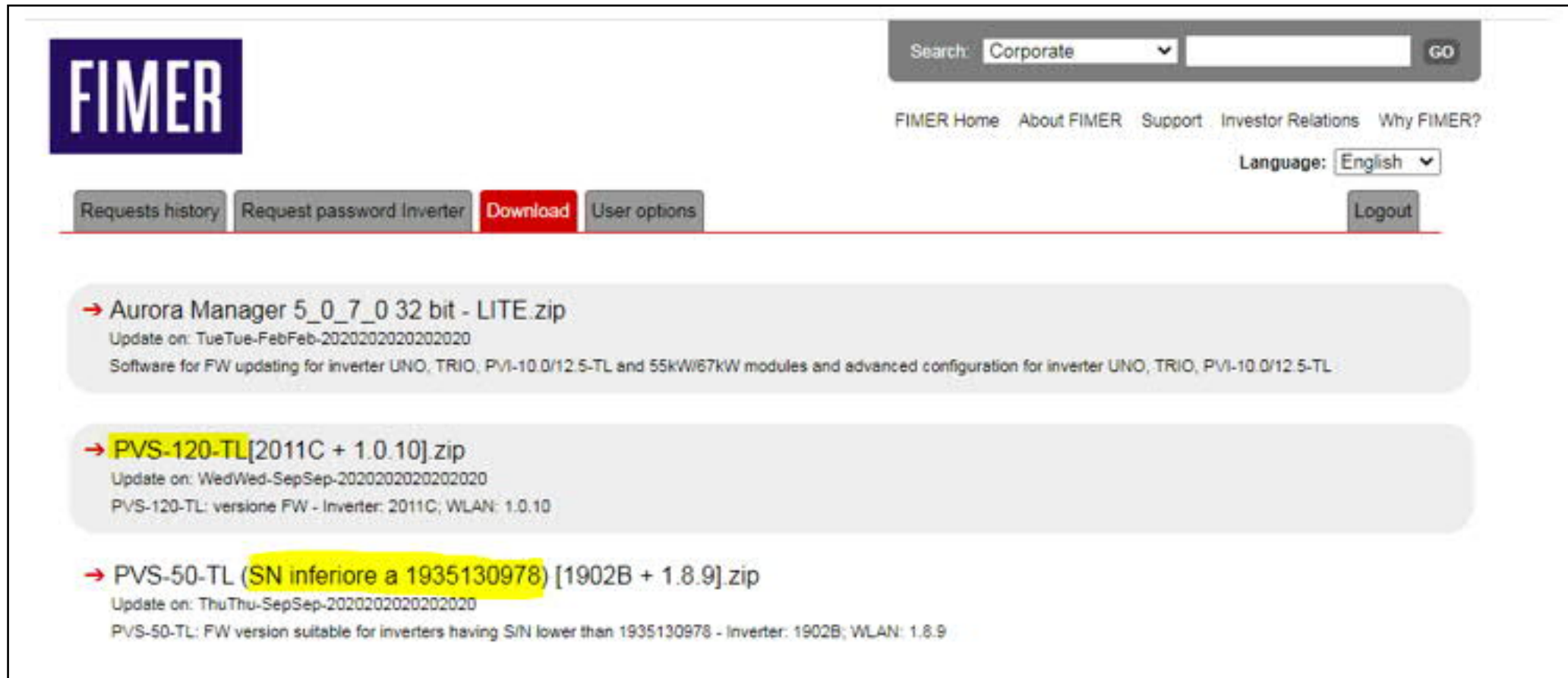
Inverter model:	Update Ver.:	S/N Inverter:	Week / year of production:	Note
PVS-100/120-TL				
PVI-2000(-O)				
PVI-2000(-O)				
PVI-2000(-O)				
PVI-2000(-O)				
PVI-2000(-O)				
PVI-2000(-O)				
PVI-2000(-O)				
PVI-2000(-O)				
PVI-2000(-OUTD)-XX				

Add other 10 rows

Do request

Download de firmware & programas

Mostrando onde realizar os downloads

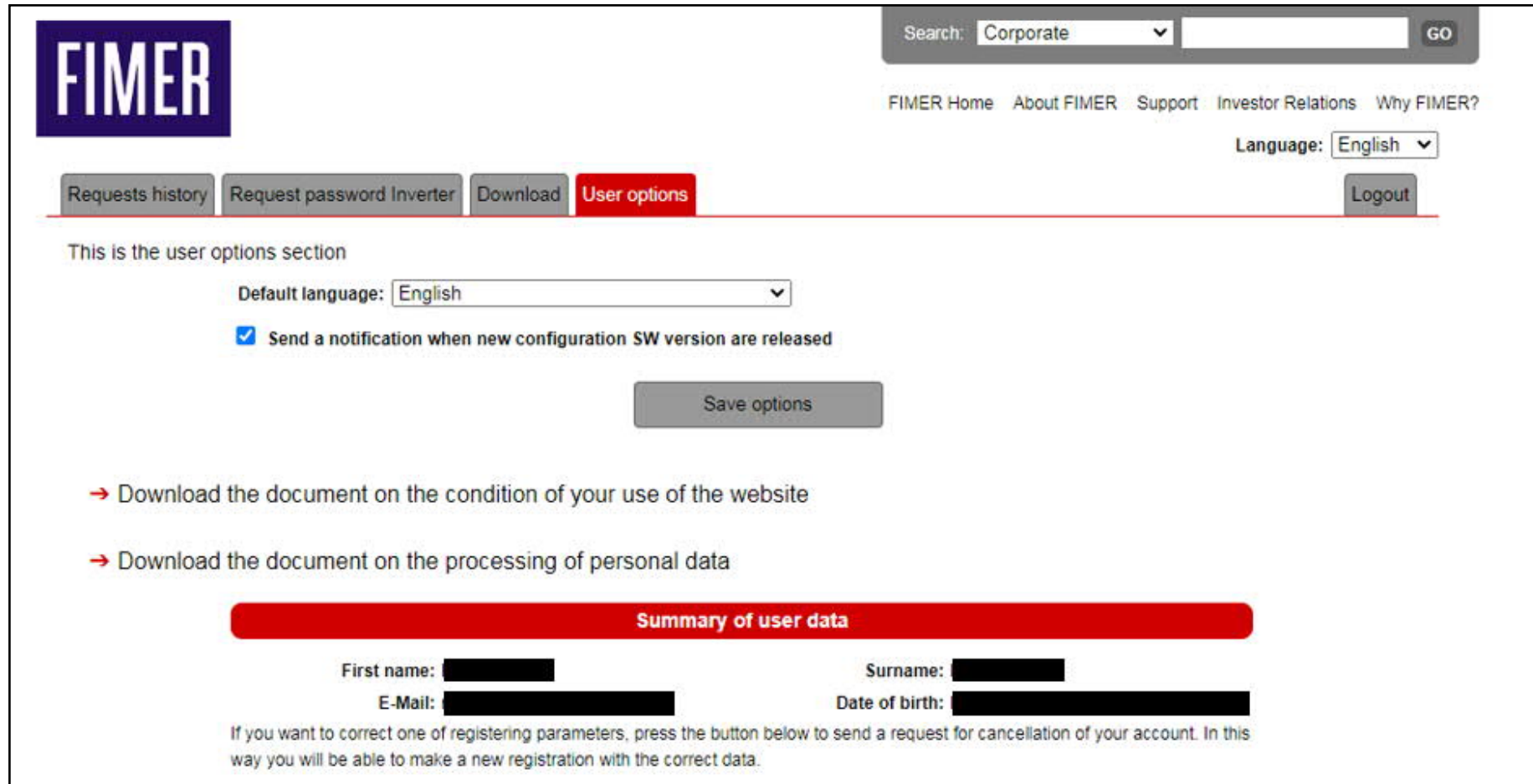


The screenshot shows the FIMER website interface. At the top left is the FIMER logo. To the right is a search bar with a dropdown menu set to 'Corporate' and a 'GO' button. Below the search bar are navigation links: 'FIMER Home', 'About FIMER', 'Support', 'Investor Relations', and 'Why FIMER?'. On the right side, there is a 'Language: English' dropdown and a 'Logout' button. A horizontal menu contains four buttons: 'Requests history', 'Request password Inverter', 'Download' (highlighted in red), and 'User options'. Below this menu, three firmware download items are listed, each in a light gray box:

- Aurora Manager 5_0_7_0 32 bit - LITE.zip
Update on: TueTue-FebFeb-2020202020202020
Software for FW updating for inverter UNO, TRIO, PVI-10.0/12.5-TL and 55kW/67kW modules and advanced configuration for inverter UNO, TRIO, PVI-10.0/12.5-TL
- PVS-120-TL[2011C + 1.0.10].zip
Update on: WedWed-SepSep-2020202020202020
PVS-120-TL: versione FW - Inverter: 2011C; WLAN: 1.0.10
- PVS-50-TL (SN inferiore a 1935130978) [1902B + 1.8.9].zip
Update on: ThuThu-SepSep-2020202020202020
PVS-50-TL: FW version suitable for inverters having S/N lower than 1935130978 - Inverter: 1902B; WLAN: 1.8.9

Informações e mudança de dados pessoais

Informações do usuário



The screenshot shows the FIMER user interface. At the top left is the FIMER logo. To the right is a search bar with 'Corporate' selected and a 'GO' button. Below the search bar are links: FIMER Home, About FIMER, Support, Investor Relations, and Why FIMER?. On the far right is a language selector set to 'English' and a 'Logout' button. A navigation bar contains buttons for 'Requests history', 'Request password Inverter', 'Download', and 'User options' (which is highlighted in red). Below this bar, the text 'This is the user options section' is displayed. There is a 'Default language:' dropdown set to 'English' and a checked checkbox for 'Send a notification when new configuration SW version are released'. A 'Save options' button is below these. Two links with arrows point to documents: 'Download the document on the condition of your use of the website' and 'Download the document on the processing of personal data'. A red banner titled 'Summary of user data' contains the following information: First name: [redacted], Surname: [redacted], E-Mail: [redacted], and Date of birth: [redacted]. Below this, a paragraph states: 'If you want to correct one of registering parameters, press the button below to send a request for cancellation of your account. In this way you will be able to make a new registration with the correct data.'

FIMER

Search: Corporate

FIMER Home About FIMER Support Investor Relations Why FIMER?

Language: English

Requests history Request password Inverter Download **User options**

This is the user options section

Default language: English

☒ Send a notification when new configuration SW version are released

→ Download the document on the condition of your use of the website

→ Download the document on the processing of personal data

Summary of user data

First name: [redacted] Surname: [redacted]

E-Mail: [redacted] Date of birth: [redacted]

If you want to correct one of registering parameters, press the button below to send a request for cancellation of your account. In this way you will be able to make a new registration with the correct data.

02 Parâmetros Avançados nos Inversores

Parâmetros Avançados nos Inversores

01

Acesso web
server do
inversor

02

Alteração de
parâmetros AC

03

Funções
Avançadas

04

Atualização de
firmware

05

Reset do
inversor para
padrões de
fábrica

Acesso ao web server do inversor e login adm plus



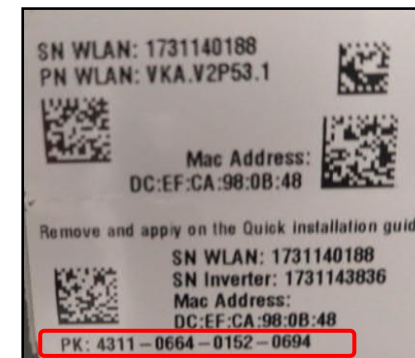
Acesso ao web server do inversor e login adm plus

1º Passo conectar-se ao web server do inversor

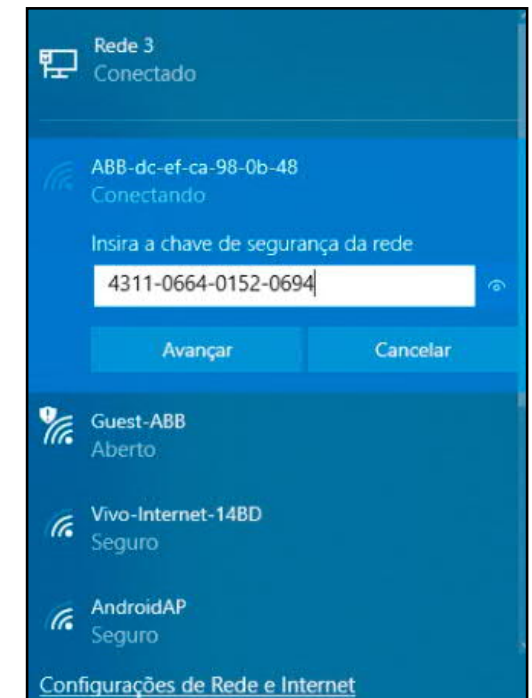
Primeiro Step – Buscar a Rede do inversor e digitar a senha com código do PK



Buscar a rede wifi do inversor



Código PK na etiqueta



Digita a senha PK

Acesso ao web server do inversor e login adm plus

Acessar a página de web interface do inversor

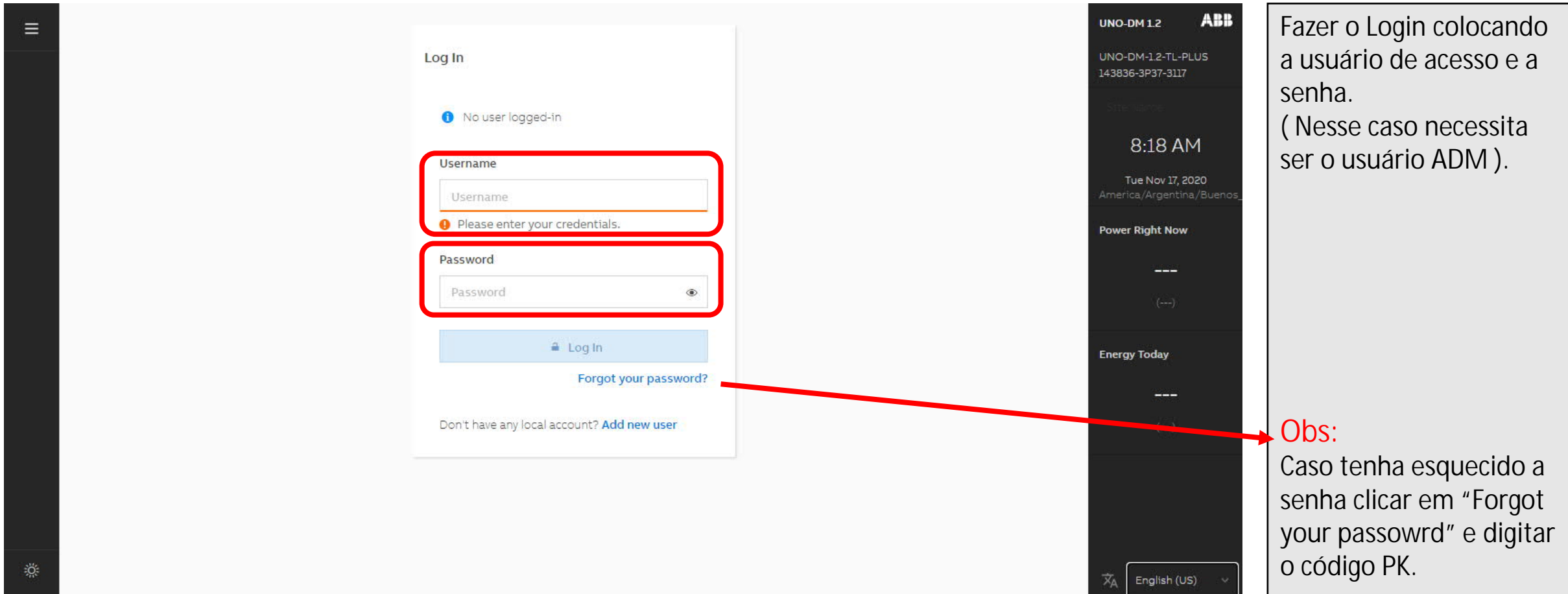
Digita o IP no navegador
Link : 192.168.117.1

Observação : Também é possível conectar no inversor via IP de internet, entretanto os dois dispositivos (inversor + celular/notebook) devem estar conectados na mesma rede.



Acesso ao web server do inversor e login adm plus

Fazer o login no inversor



The image displays two side-by-side screenshots of the ABB inverter web interface. The left screenshot shows the 'Log In' page with a 'Username' field and a 'Password' field, both highlighted with red rectangles. Below these fields is a 'Log In' button and a link for 'Forgot your password?'. The right screenshot shows the main dashboard with various status indicators and a language dropdown menu.

Log In

No user logged-in

Username

Username

Please enter your credentials.

Password

Password

Log In

[Forgot your password?](#)

Don't have any local account? [Add new user](#)

UNO-DM 1.2 **ABB**

UNO-DM-1.2-TL-PLUS
143836-3P37-3117

Site name

8:18 AM

Tue Nov 17, 2020
America/Argentina/Buenos

Power Right Now

(---

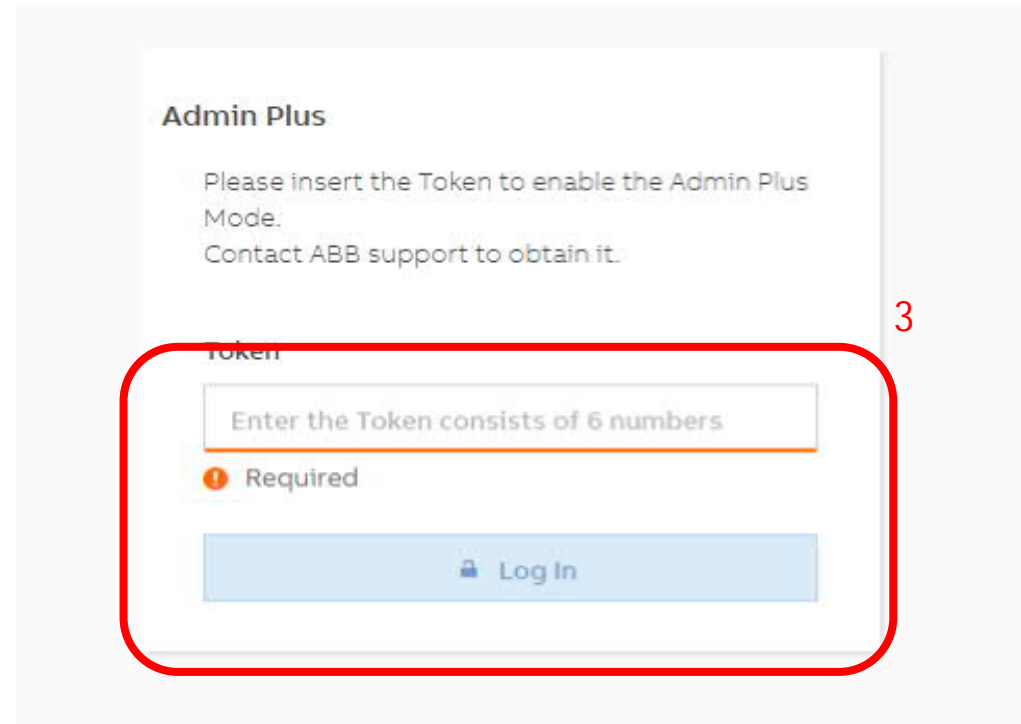
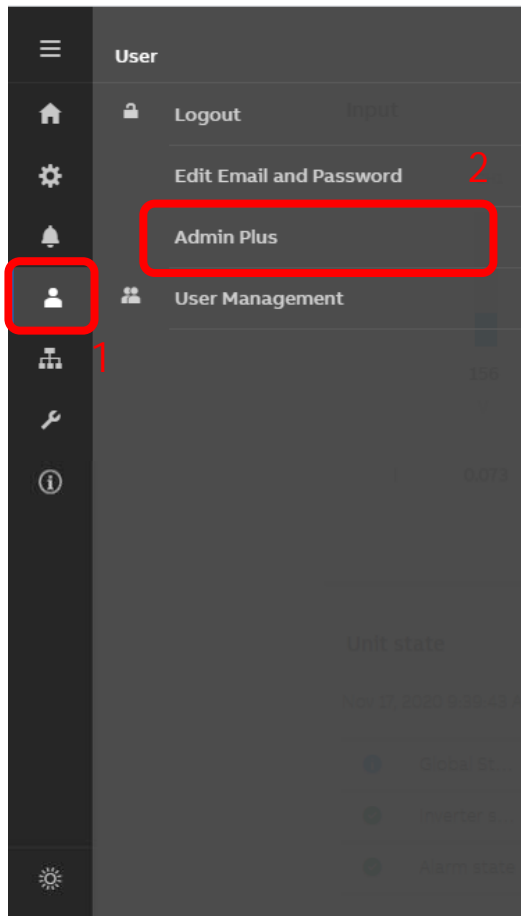
Energy Today

English (US)

Obs:
Caso tenha esquecido a senha clicar em "Forgot your password" e digitar o código PK.

Acesso ao web server do inversor e login adm plus

Acessar o ícone de “User” e clicar em “Admin Plus”



Essa senha deve ser feita no site do Registration no link abaixo:

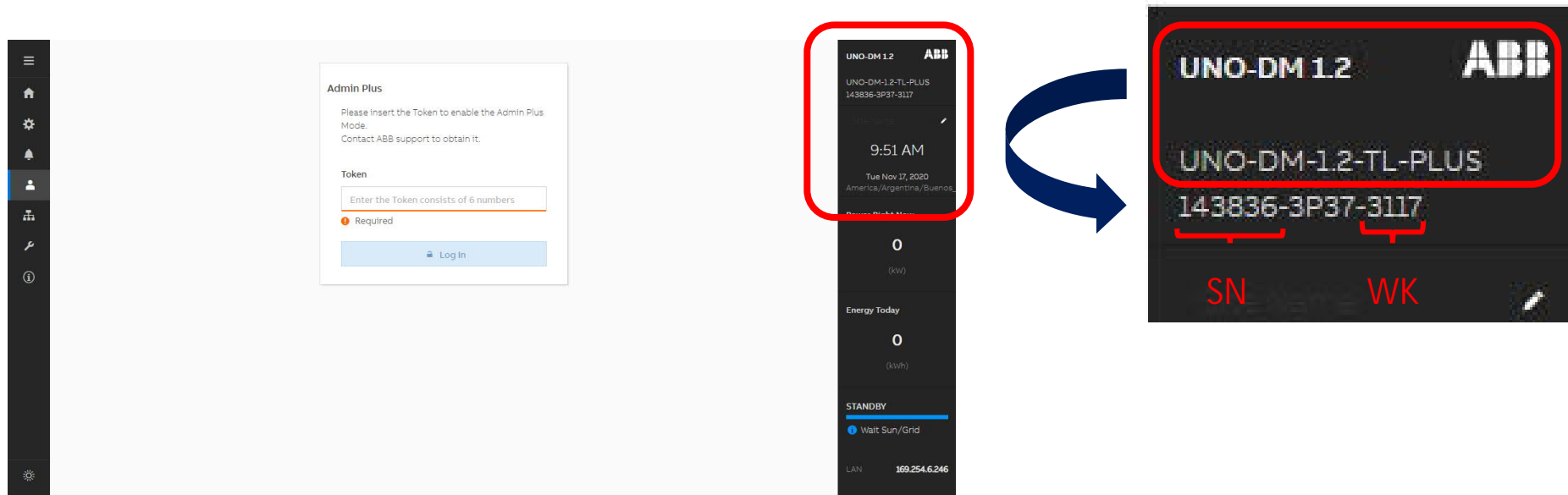
Link : <https://registration.solar.fimer.com/>

Passo a passo para acessar o nível Admin Plus do inversor.

- 1-Clicar no ícone de “User”
- 2-Clicar na opção “Admin Plus”
- 3-Digitar a senha de 2º nível “Token” criada no site do Registration conforme instruções anteriores.

Configuração dos Parâmetros CA do inversor

Dica de ouro para fazer a senha no site Registration



Tela de navegação do web server

Essa senha deve ser feita no site do Registration no link abaixo:

Link : <https://registration.solar.fimer.com/>

Dica de Ouro
Na parte superior é possível encontrar todas as informações necessárias para confeccionar a senha de 2º nível.

Família do inversor
SN : Número de série
WK: Semana e ano de fabricação

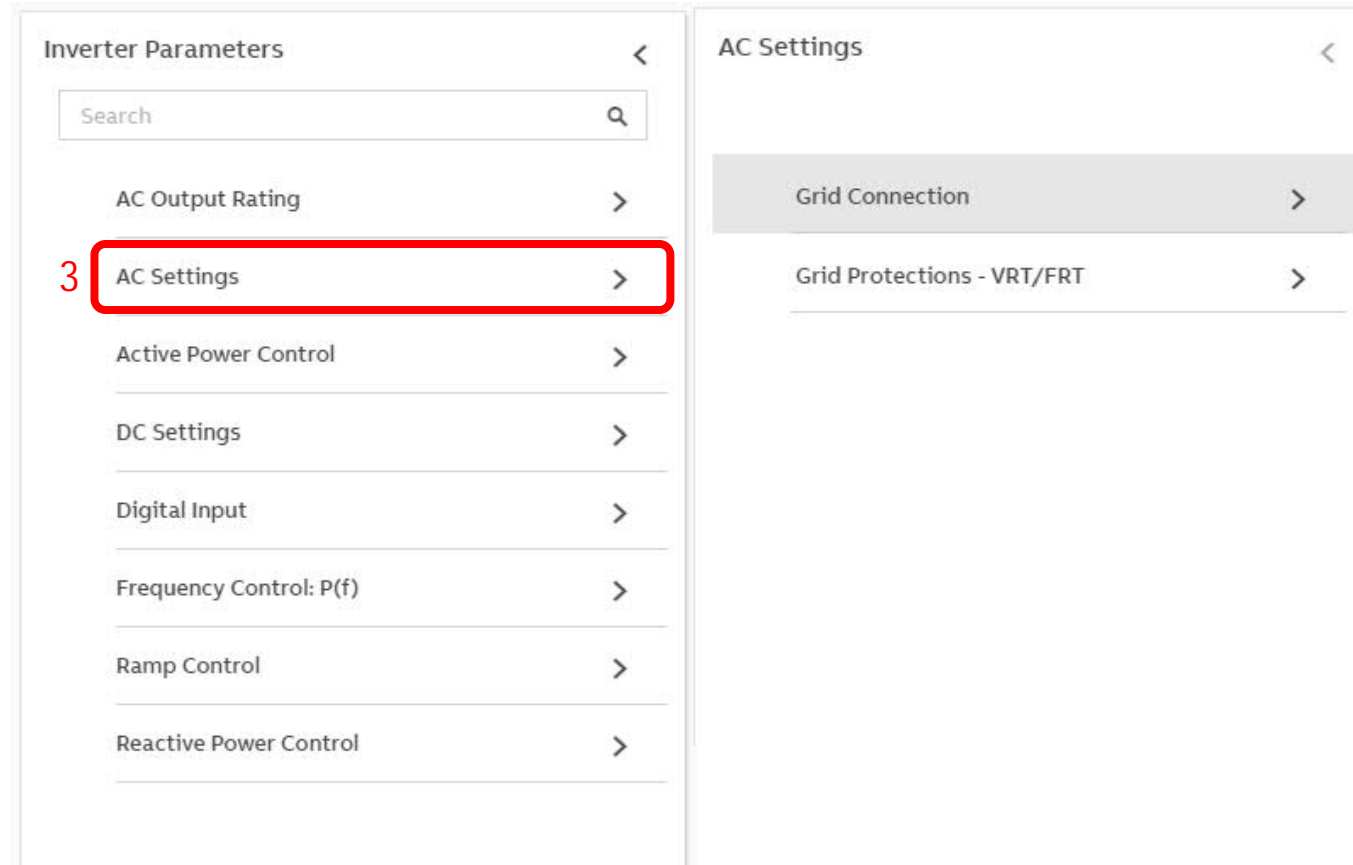
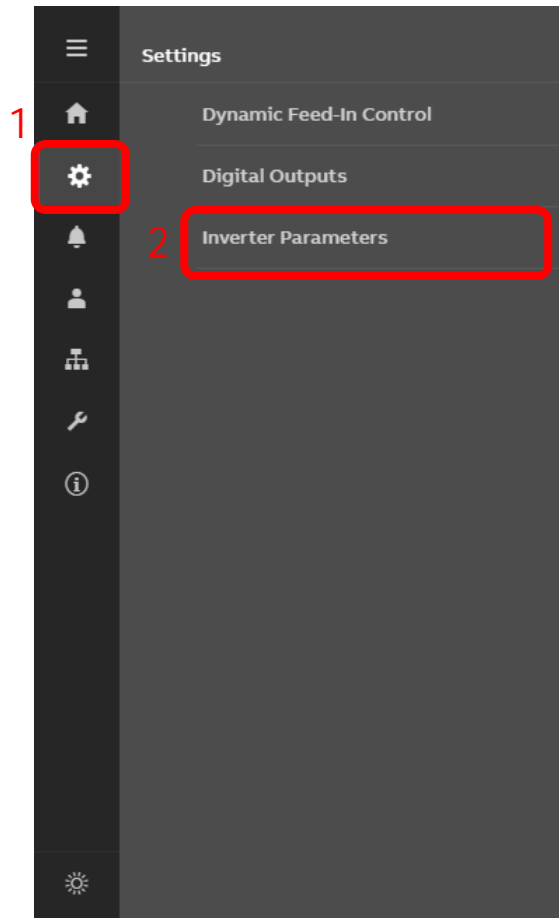
Exemplo dessa imagem:
SN = 143836
WK = 3117

Configuração dos parâmetros CA do inversor




Configuração dos Parâmetros AC do inversor

Configurando parâmetros CA 1/3



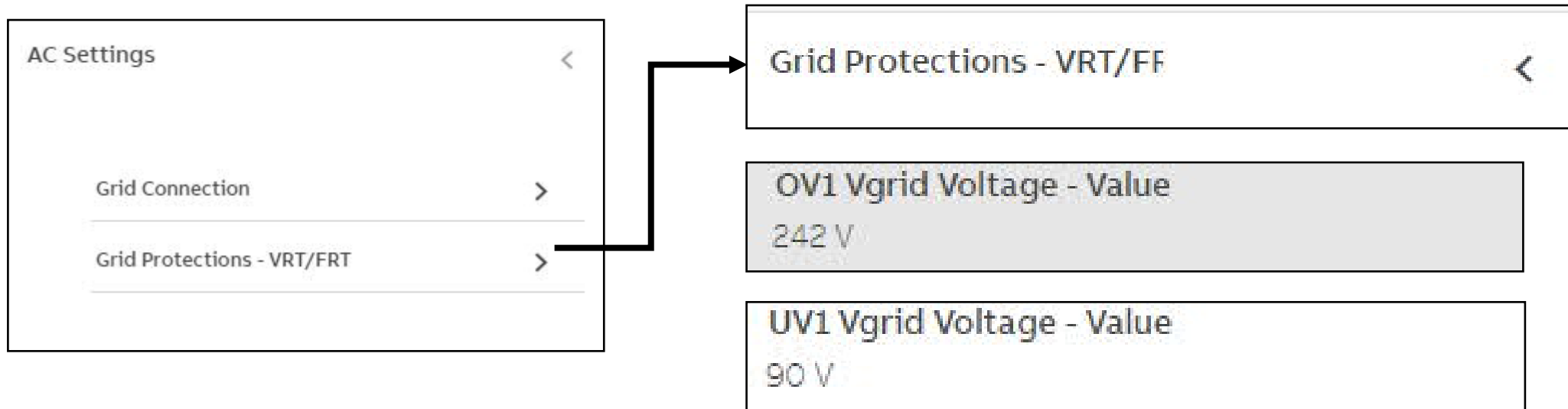
Configurando Parâmetros CA
Para configurar os parâmetros CA, por exemplo elevar/diminuir o range tensão CA (V) ou frequência (Hz), seguir :

- 1-Clicar no ícone 
- 2-Selecionar "Inverter Parameter"
- 3-AC Settings

Em AC Settings terá a opção Grid Connection (Conexão CA).
Grid Protections (Proteções de rede).

Configuração dos Parâmetros AC do inversor

Configurando parâmetros CA “Grid Protections” 2/3

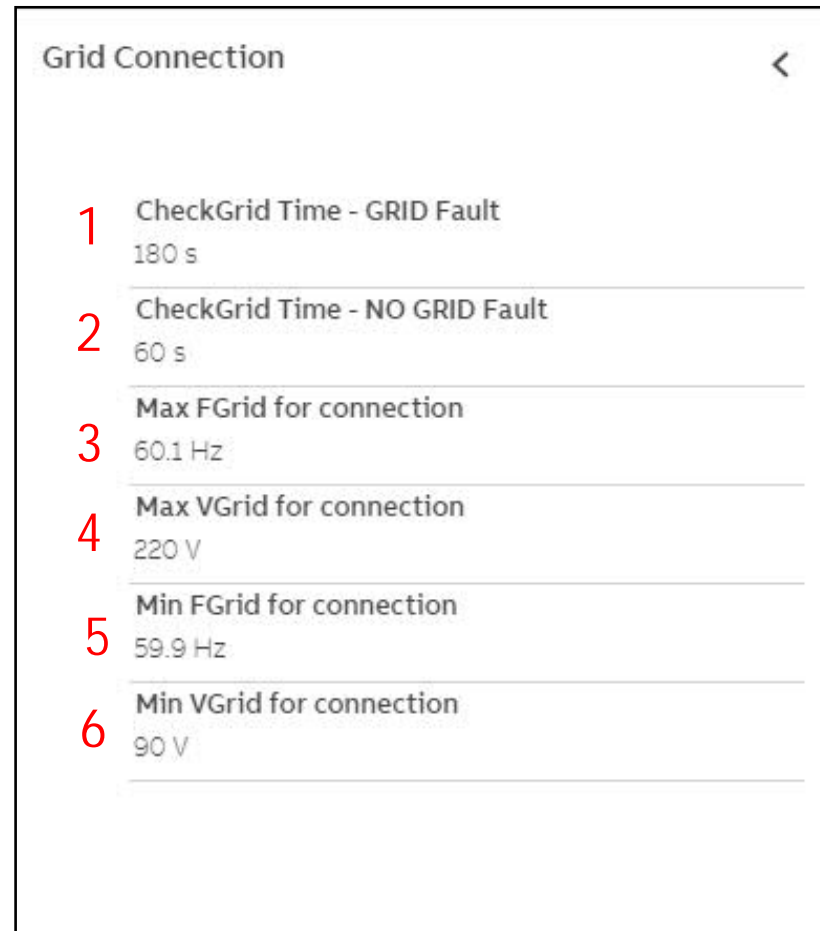


Na parte de “Grid Protections” recomendamos mexer apenas nos parâmetros :
OV1 (Valor máximo de tolerância para tensão AC)
UV1 (Valor mínimo de tolerância para tensão AC)

Obs: Na maioria das vezes só se mexe no valor OV1, recomendamos um valor máximo até 264V.

Configuração dos Parâmetros AC do inversor

Configurando parâmetros CA "Grid Connection" 3/3



Grid Connection

- 1-Tempo de conexão/reconexão.
- 2-Tempo de conexão quando ocorre um evento.
- 3-Valor máximo de frequência para conexão.
- 4-Valor máximo de tensão AC para conexão.
- 5-Valor mínimo de frequência para conexão.
- 6-Valor mínimo de tensão AC para conexão.

Obs: Normalmente essa é a tela que contem os dados que concessionária de energia elétrica quer visualizar no dia da vistoria.

Funções Avançadas

- Limitação de conversão de potência
- Controle de frequência $P(f)$
- Controle de energia reativa



Funções Avançadas “Active Power Control”

Limitação de conversão de potência (kW)

The screenshot displays the 'Inverter Parameters' menu on the left, with 'Active Power Control' selected. The 'Active Power Control' sub-menu is shown in the center, containing 'Active Power Curtailment', 'CEI Average VGrid Derating', and 'Volt/Watt settings: P(V)'. Arrows point from these three options to detailed views on the right. A red '1' is next to the 'Active Power Curtailment' view, and a red '2' is next to the 'CEI Average VGrid Derating' view. A text box at the bottom left explains the power control functions, and a text box at the bottom right explains the configuration.

Inverter Parameters

- Search
- AC Output Rating
- AC Settings
- Active Power Control**
- DC Settings
- Digital Input
- Frequency Control: P(f)
- Ramp Control
- Reactive Power Control

Active Power Control

- Active Power Curtailment**
- CEI Average VGrid Derating
- Volt/Watt settings: P(V)

Active Power Curtailment

- Active Power Curtailment En/Dis: ENABLED
- P Set Point: 50 %Pmax
- P max: 1212 W

CEI Average VGrid Derating

- Derating Enable/Disable: DISABLED
- Protection Enable/Disable: DISABLED
- Protection Threshold: 242 V

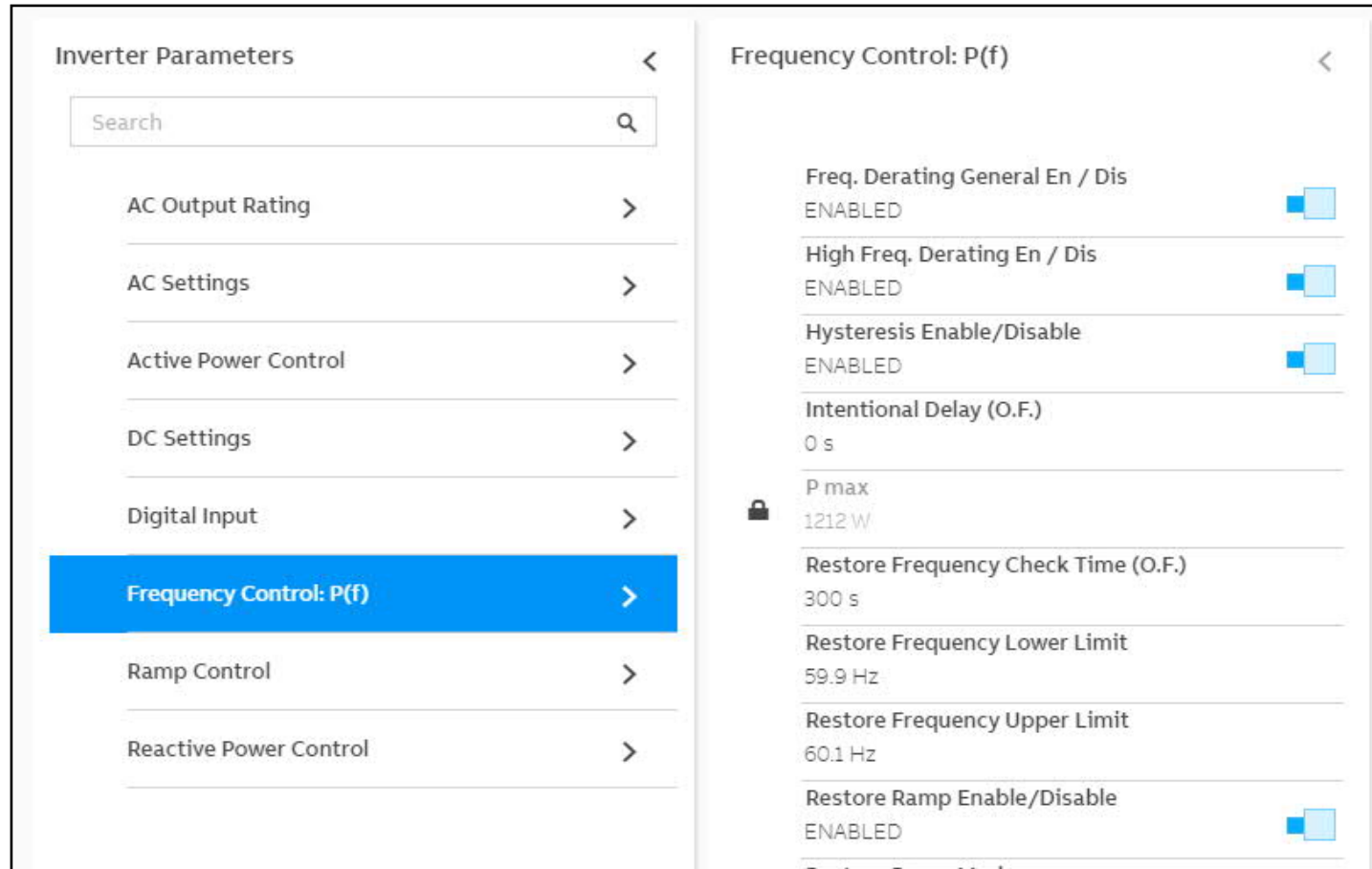
Controle de potência

- 1-Limitação de forma percentual de acordo com a potencia nominal do inversor.
- 2-Limitação de potência em função da tensão

Essa configuração é um pouco mais complexa. A limitação de potência é de forma % de acordo com os valores de tensão e potência desejados.

Funções Avançadas "Frequency Control: P(f)"

Controle de frequência P(f)



Controle de frequência :

Essa função somente é utilizada quando o inversor será utilizado em um sistema híbrido e por isso deverá fazer a interação com outros equipamentos no sistema.

A variáveis de frequência e tempo devem alteradas em comum acordo com os itens a serem utilizados, tendo padrões específicos de acordo com cada fabricante.

Funções Avançadas “Active Power Control”

Controle de energia reativa

Inverter Parameters

Search

AC Output Rating

AC Settings

Active Power Control

DC Settings

Digital Input

Frequency Control: P(f)

Ramp Control

Reactive Power Control

Set Point Response Time

Cosφ Set

Q Set

Volt/VAr Settings: Q(V)

Watt/Cosφ Settings: Cosφ(P)

Cosφ Set

Cosφ Set-point
1

Enable/Disable
DISABLED

Q Set

Enable/Disable
DISABLED

Q Set-point
20 %Smax

S max
1212 VA

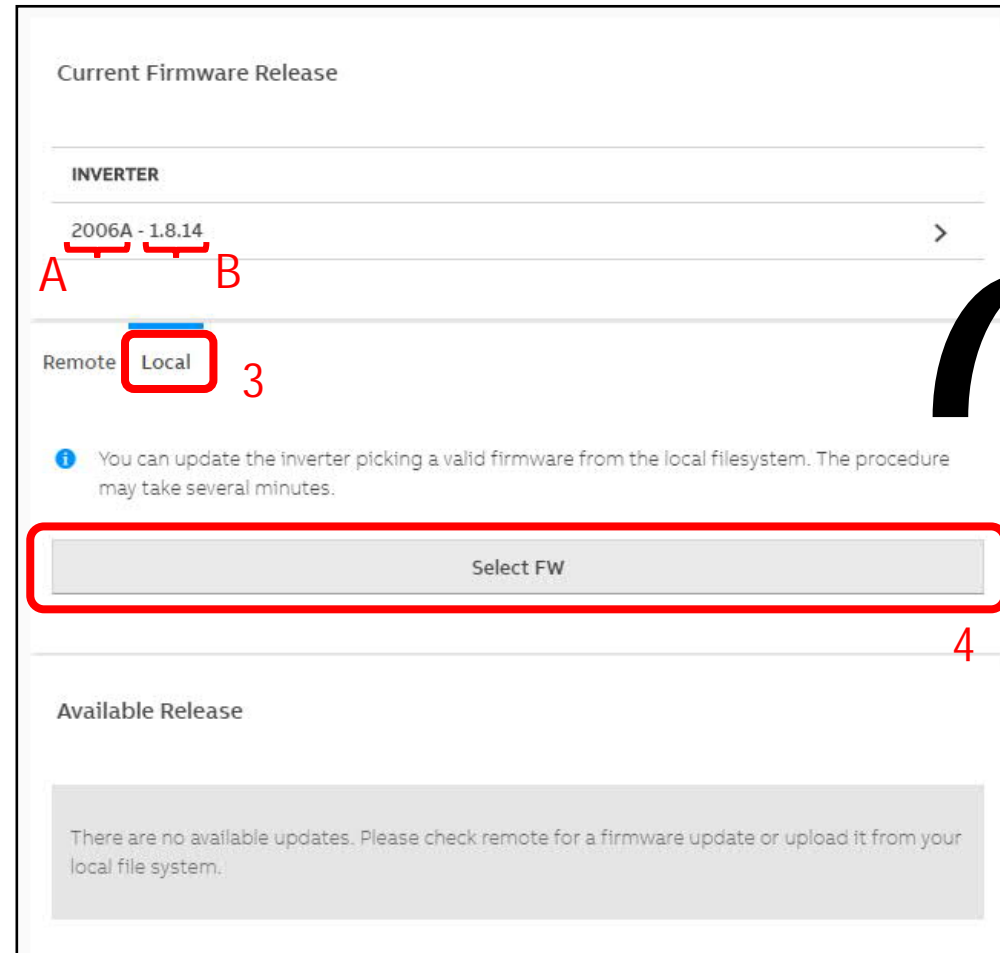
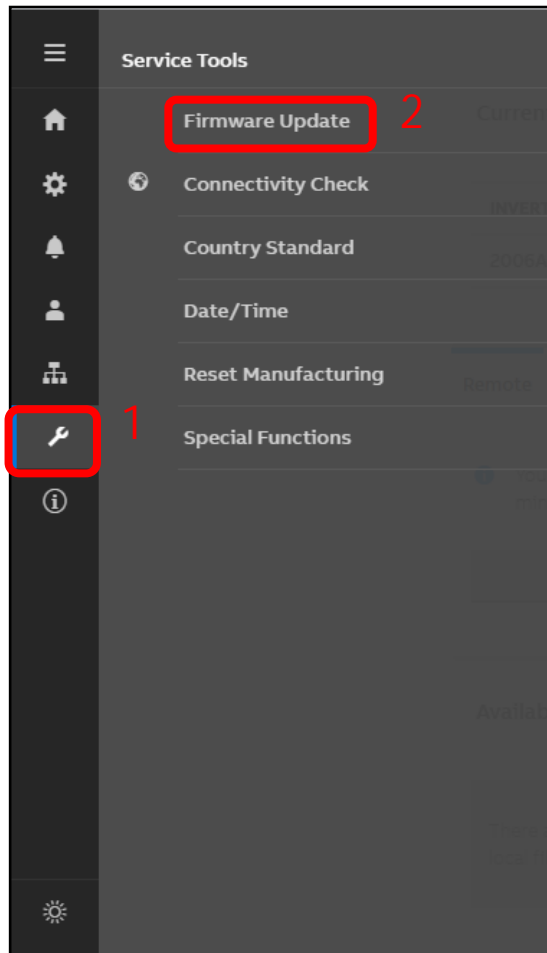
Controle de energia reativa
1-Seta o reativo com valor fixo de FP, podendo o range ser -1 até +1.
2-Seta o reativo com valor percentual em função de Q.

Atualização de firmware dos inversores



Funções Avançadas "Firmware Update"

Atualização de firmware dos inversores



Versão atual do Firmware
A-Firmware do inversor
B-Firmware da placa de comunicação

UNO-DM-5.0(4.6)(4.0)(3.3)(3.0)(2.0)(1.2)-TL-PLUS-EU_ver2006A_713-1438.tib
VEGA-Q028-v1.8.16-r3012-bf136c0_2979.ben

- 1-Clicar no ícone de Ferramentas "Tools"
- 2-Clique em "Firmware Update"
- 3-Selezione "Local"
- 4-Selezione o firmware em "Select FW", atualiza-se um firmware de cada vez.

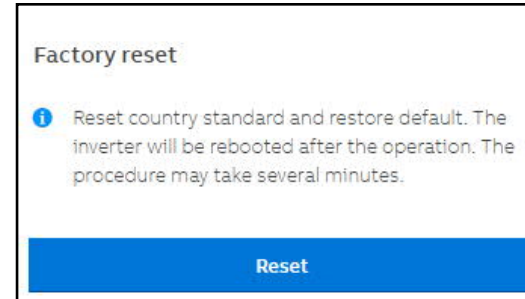
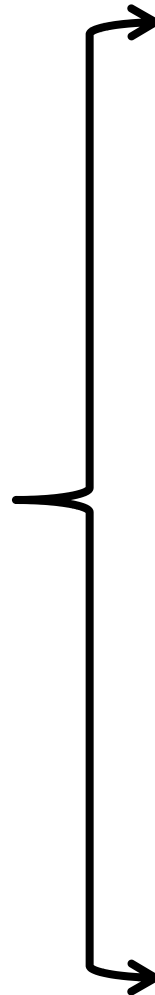
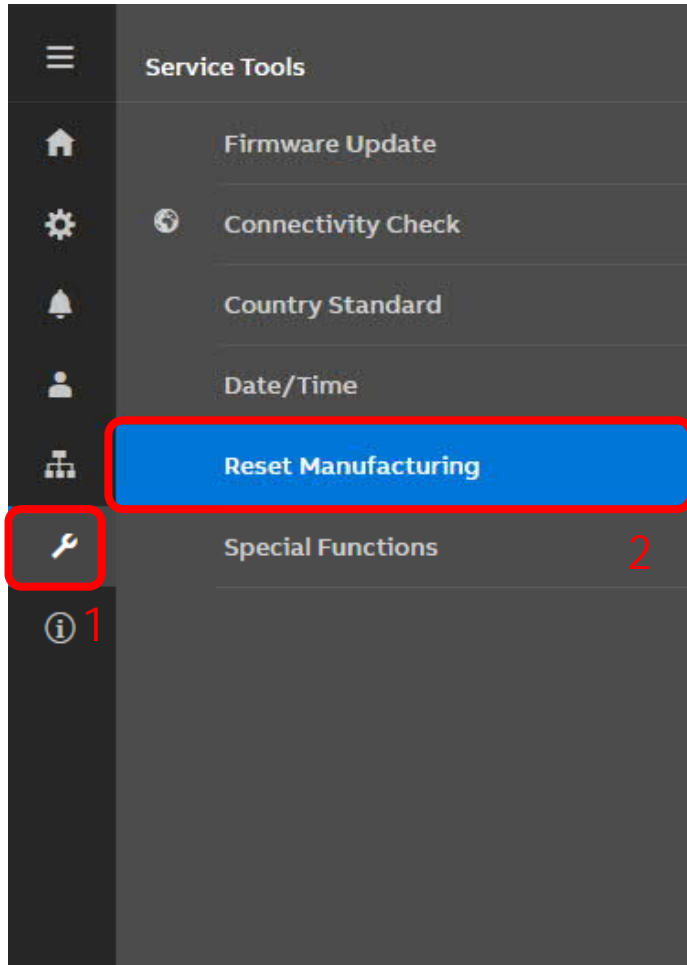
Obs : O download do firmware deve ser feito no [site do Registration](#).

Reset do inversor para configurações de fábrica

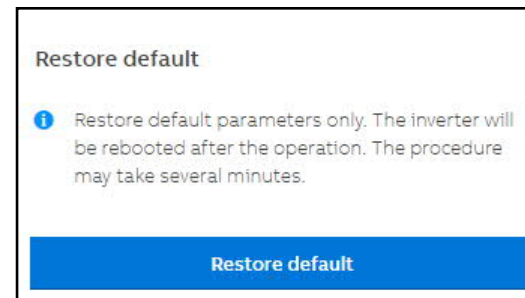


Funções Avançadas "Firmware Update"

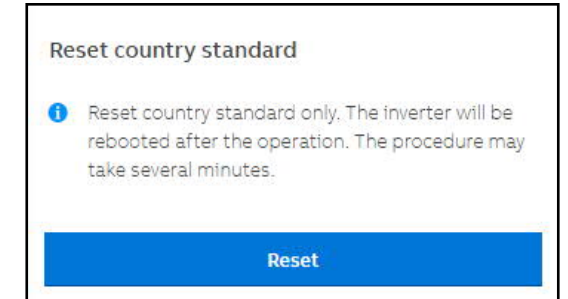
Atualização de firmware dos inversores



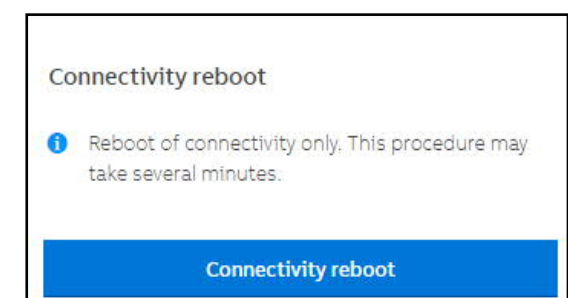
Reset de fábrica, faz com que o inversor volte para o padrão de fábrica.



Reseta as configurações DC, tais como input mode, e valor de tensão do Vstart.



Reseta apenas o país, ideal quando é feita a escolha de país de forma equivocada.



Reseta as configurações as configurações de rede de internet Wlan e Lan.

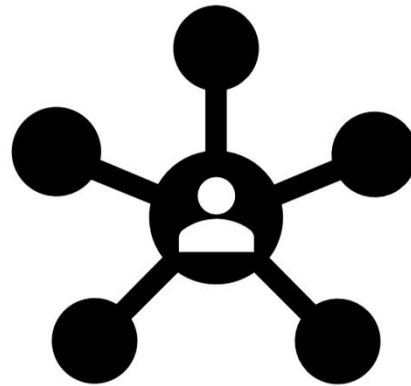
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