ENERTRONICA SANTERNO

• **15J0132B100** •

REMOTE SINUS

PC-based engineering tool for SINUS S inverters

- Installation and connection -

Issued on 13/04/2021
Software Version 1.18
R.01

• This manual is integrant and essential to the product. Carefully read the instructions contained herein as they provide important hints for use and maintenance safety.

• This device is to be used only for the purposes it has been designed to. Other uses should be considered improper and dangerous. The manufacturer is not responsible for possible damages caused by improper, erroneous and irrational uses.

• Enertronica Santerno S.p.A. is responsible for the product in its original setting.

• Any changes to the structure or operating cycle of the product must be performed or authorized by Enertronica Santerno S.p.A.

• Enertronica Santerno S.p.A. assumes no responsibility for the consequences resulting by the use of non-original spare-parts.

• Enertronica Santerno S.p.A. reserves the right to make any technical changes to this manual and to the product without prior notice. If printing errors or similar are detected, the corrections will be included in the new releases of the manual.

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Content

About this document

⚠ WARNING!

Read this documentation thoroughly before carrying out the installation and commissioning.

▶ Please observe the safety instructions!

Document description

ℹ You will find information on wiring and commissioning in the mounting and switch-on instructions of the inverter.

ℹ Information and tools with regard to the Enertronica Santerno products can be found on the Internet: santerno.com

Required hardware

Either an USB module or a WLAN module is required to connect the Sinus S inverter to a PC with the Enertronica Santerno Remote Sinus Engineering Tool.

USB module

Parameterising without supplying the inverter with voltage: if you connect the inverter directly to the PC without a hub, in many cases the USB interface of the PC is sufficient for the voltage supply.

USB module	
Order code	Version
ZZ0132033	Parameter setting without voltage supply of the inverter USB 2.0 connecting cable required

Connecting cable		
Order code	Length	Version
PC6604600	3 m	USB 2.0-connecting cable (A plug to micro-B plug)
PC6604700	5 m	

WLAN module

Connection data (default setting)	
IP address	192.168.178.1
SSID	Sinus S_5678901234
Password	password
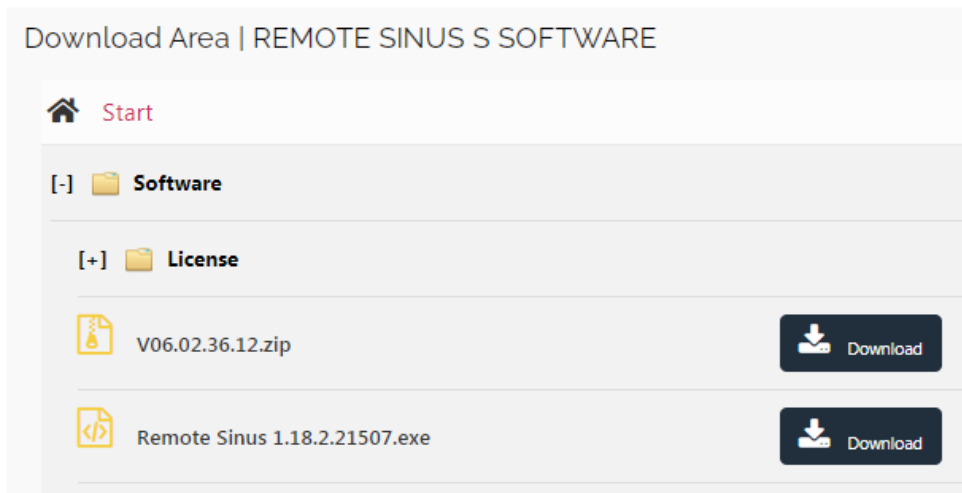
WLAN module	
Order code	Design
ZZ0132043	Range in open space: 100 m, conditions on site may restrict the range.

Installation

All the procedure is based on **Remote Sinus 1.18** software: if you do not have this software installed, please download it from the dedicated REMOTE SINUS SOFTWARE - Enertronica Santerno area.

Both the .exe file and the .zip files shall be downloaded.

The V06.02.36.12.zip contains the *.lpk Device Description files for Sinus S.

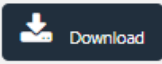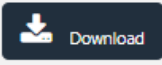After completing the installation, two icons are created on your PC:

Import the Device Description files (*.lpk files)

1. Open Remote Sinus Package Manager and then click on "*Import*"
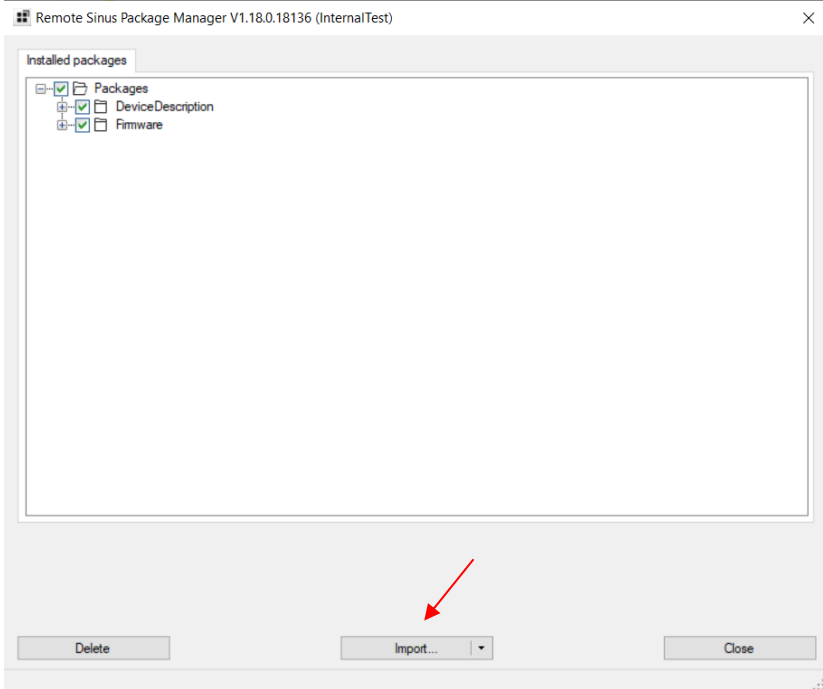
2. Choose the folder on your PC which contains the *.lpk files. If the folder is correct, you will see: n files found (n lpk).
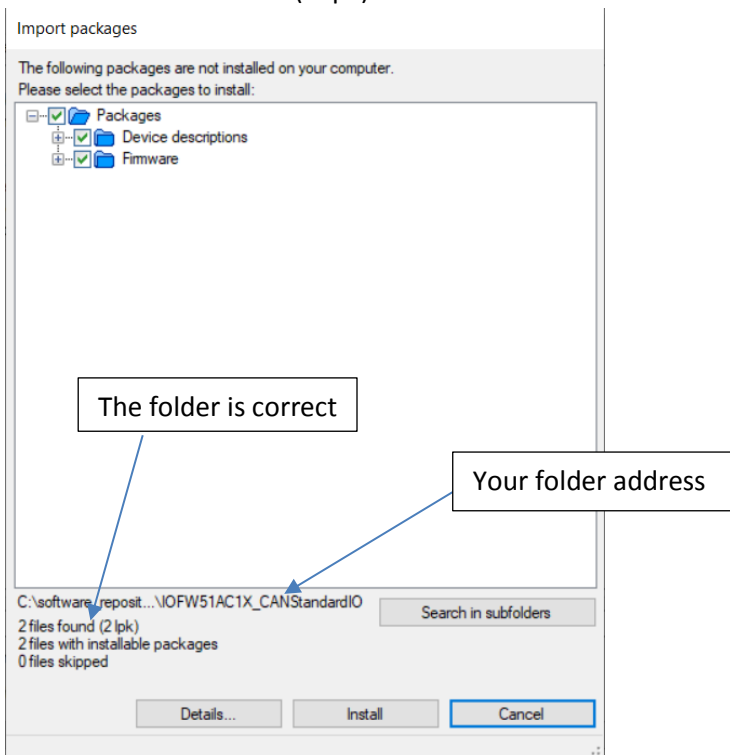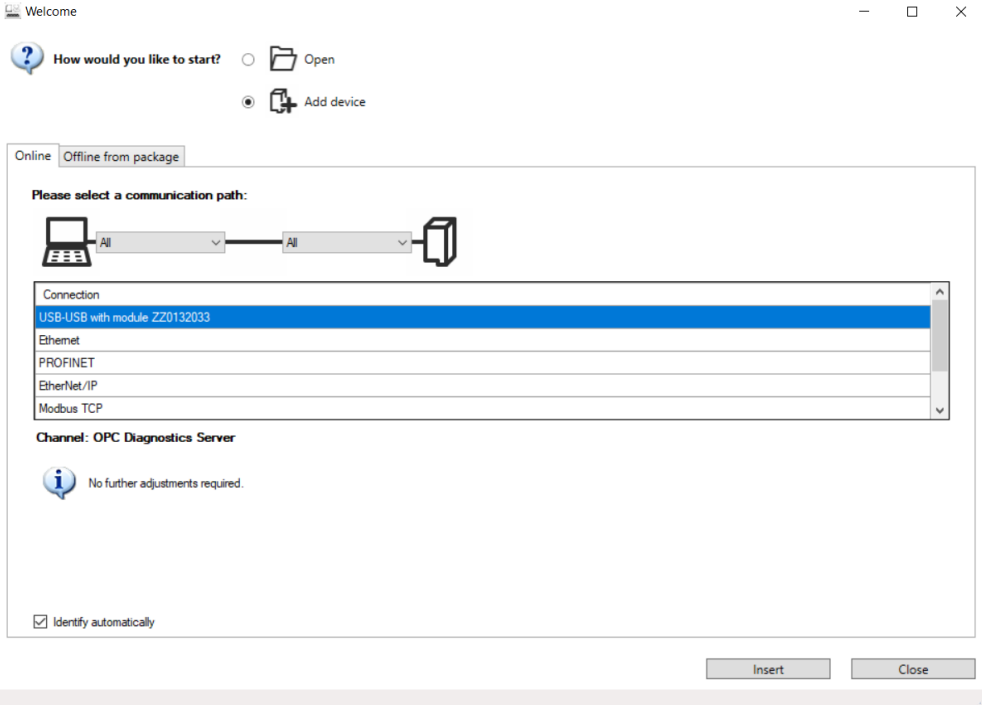

Now click on *Install*.
After this step the *.lpk files have been loaded on your PC (two files each CPU).

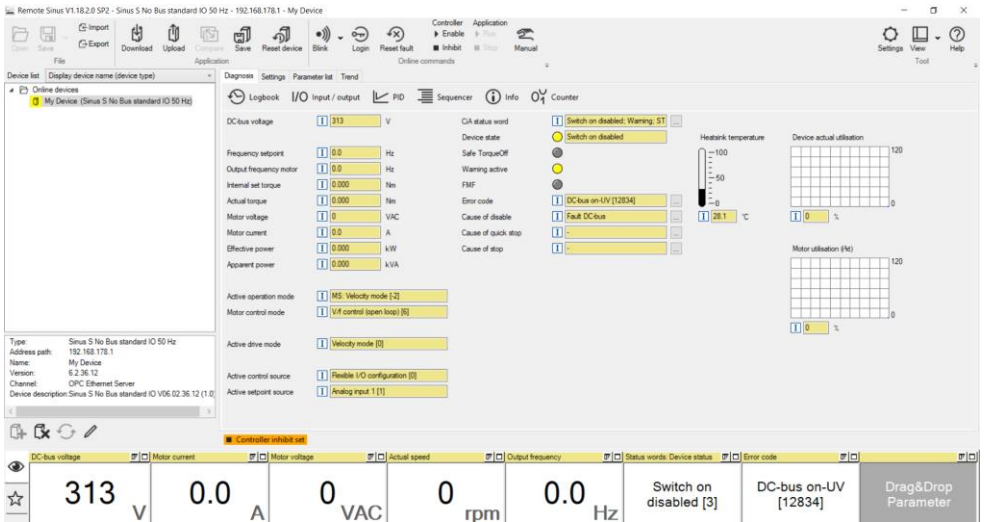In this way Remote Sinus can interface with the proper CPU mounted on Sinus S.

Connection to Sinus S with USB module

Open Remote Sinus.

Check that the drive is connected to the PC with USB cable, then select *USB-USB with module ZZ0132033*.

Click on *Insert* and you will be able to read/write all the parameters.

Connection to Sinus S with WLAN module

Open Remote Sinus.

If you have WLAN module, plug it on the drive and power the SINUS S, you will see a new wi-fi network in the wi-fi settings of the PC.
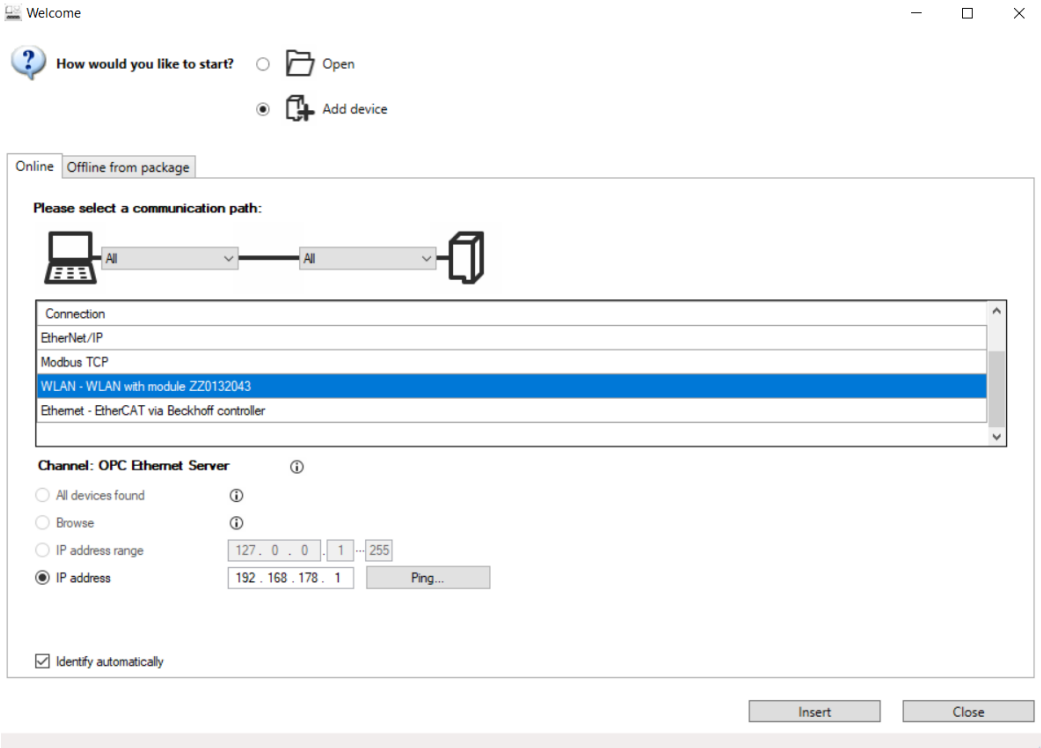Now, connect the PC to the SINUS S as shown in the picture.
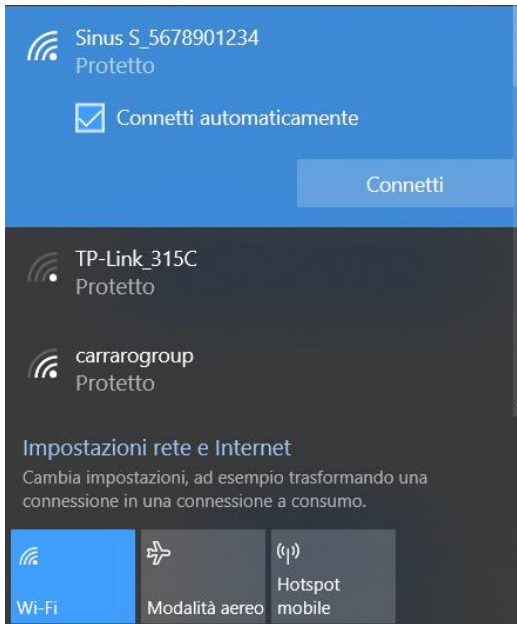
The default password is "**password**".

In REMOTE SINUS select *WLAN-WLAN with module ZZ0132043.*

Write the IP address of the drive (default IP is 192.168.178.1).

Click on *Insert* and you will be able to read/write all the parameters as shown in the USB connection.