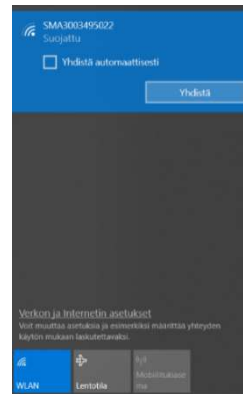
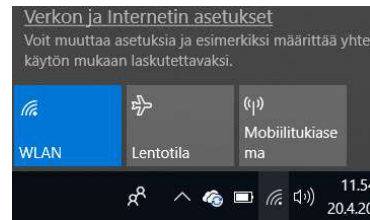


SMA-INVERTTERIN YHDISTÄMINEN INTERNETIIN wifi-yhteyden avulla

Muodostetaan invertteriin wifi-yhteys tabletista, puhelimesta tai tietokoneesta:

SMA-invertteriin yhdistäminen:

1. SMA-invertterissä on jatkuva wifi-yhteys. Etsi tietokoneesi / mobiililaitteesi yhteysasetuksista SMA-invertteri: Avaa tietokoneella tai mobiililaitteella wlan / wifi luettelo
2. Valitse SMA... -yhteys
3. Ota ylös SMA-invertterin kyljessä olevassa tyyppikilvessä oleva verkon salasana kohdasta WPA3 PSK, esim.: 374QWP452YPOWFKLS19Y
4. Syötä salasana yhteyden muodostamiseksi.
5. Älä valitse Yhdistä automaattisesti, jos laitteesi ei tue yhtäaikaaisesti useampia wifi-yhteyksiä.
6. Klikkaa Yhdistä



Kirjautuminen invertterin sivustoon:

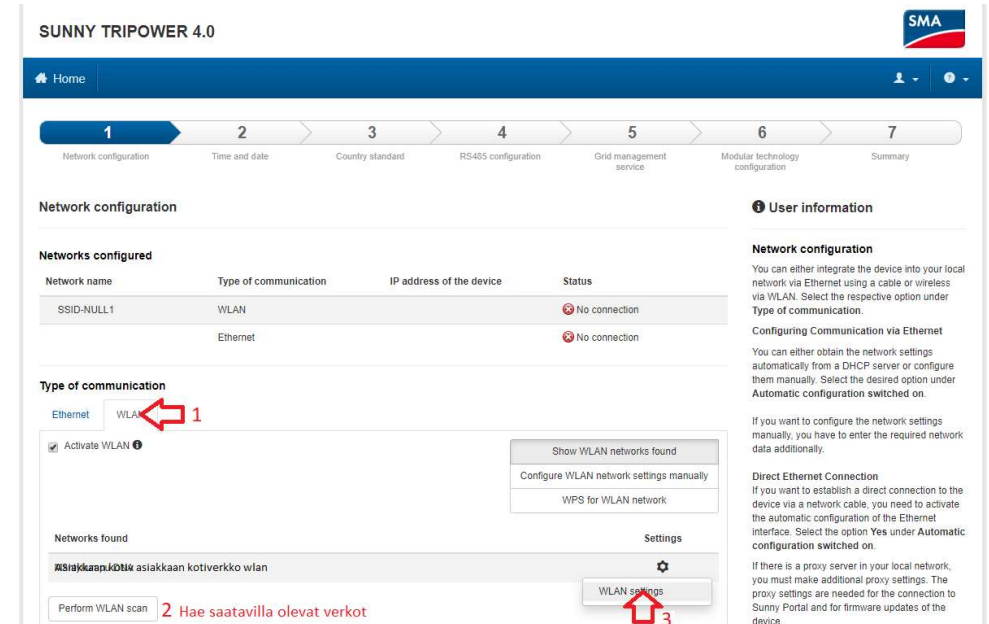
7. Avaa internet-selain, esim. Chrome, Firefox,...
8. Kirjoita selaimen osoite-kenttään 192.168.12.3 (invertterin IP-osoite) ja paina Enter. (Jos selain ilmoittaa, että yhteys ei ole salattu eikä päästä sivulle, avaa lisäasetukset ja salli sivusto.)

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9. (Jos ei aiemmin tehty: Muodosta käyttäjäprofiili ja salasana kohdasta Uusi käyttäjä / New user / Register as a new user.)
10. Kirjautu sisään laitteelle Installer-roolissa. Salasanan olette saaneet käyttöönotossa.
11. Avaa oikeasta yläreunasta valikko ja sieltä Start the installation assistant

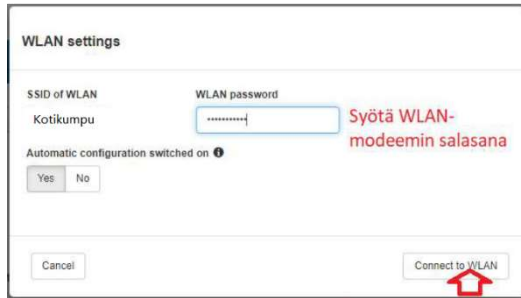


12. Valitse yhteyden tyyppi WLAN, hae saatavilla olevat verkot Perform WLAN scan ja sitten WLAN Settings:

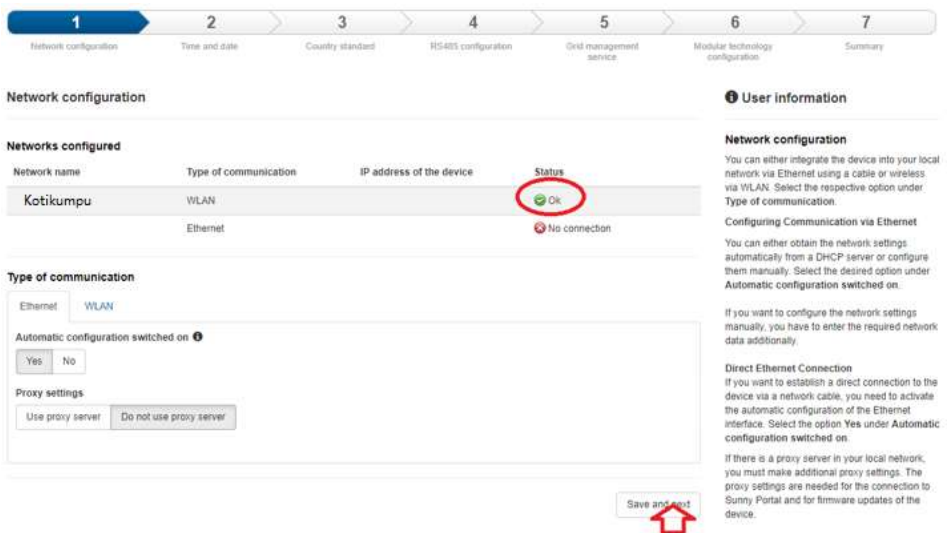


13. Syötä kotisi WLAN-modeemin salasana kohtaan WLAN password:

14. Valitse Connect to WLAN

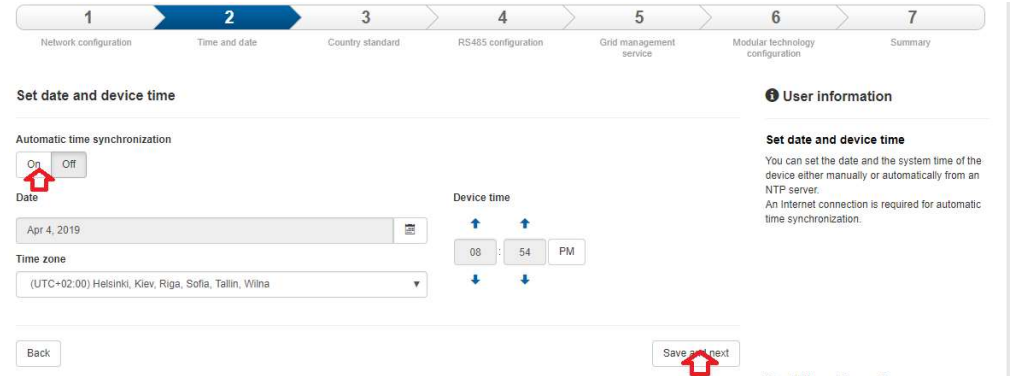


15. Varmista, että yhteyden tilaksi tulee OK, jonka jälkeen Save and next:

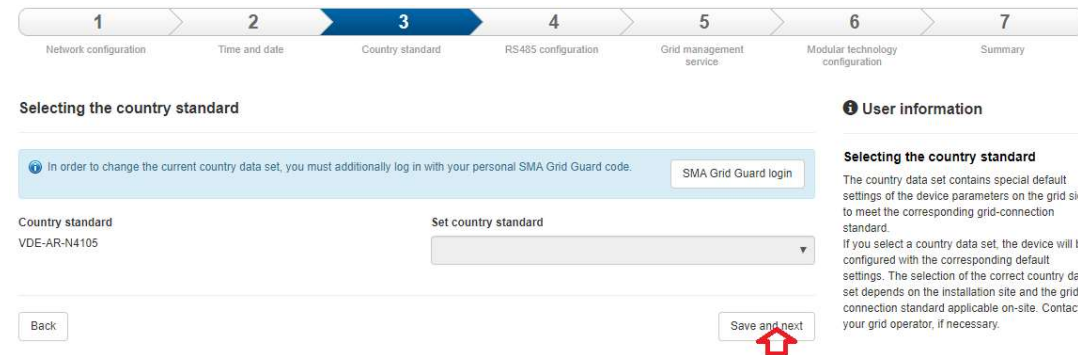


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16. Valitse Automatic time synchronization ja laita oikea päivämäärä ja kellonaika, Save and next:



17. Save and next:



18. Save and next:

Progress bar: 1 Network configuration, 2 Time and date, 3 Country standard, 4 RS485 configuration, 5 Grid management service, 6 Modular technology configuration, 7 Summary

RS485 configuration

RS485 interface **RS485 interface application**

RS485: -----

RS485 interface terminal resistance

On

Back Save and next

User information

RS485 configuration

On this page, you select for which purpose the RS485 interface is used. Select the entry **SMA Data** if a RS485 communication bus is connected to the RS485 interface. The inverter is connected to SMA communication products via the RS485 communication bus. Select the entry **Energy Meter** if an energy meter is connected to the RS485 interface. Select the entry **Module Technology** if the gateway of the TS4 module technology is connected to the RS485 interface.

Activate Terminator

If your inverter is located at the beginning or at the end of the RS485 communication bus, the terminator must be activated. If your inverter is located in the middle of the RS485 communication bus, the terminator must not be activated.

19. Save and next:

Progress bar: 1 Network configuration, 2 Time and date, 3 Country standard, 4 RS485 configuration, 5 Grid management service, 6 Modular technology configuration, 7 Summary

Grid management service configuration

You must enter your personal SMA Grid Guard code before proceeding. SMA Grid Guard login

Feed-in management Static voltage stability

System control and power limitation

On Off

Operating mode Active power

Act. power lim. via PV system ctrl

Operating mode for absent system control

Values maintained

Grid disconnection for 0% feeding

No

Back Save and next

User information

Feed-in management

Connected line conductors

The selection of line conductor ensures that the displayed values on the user interface are displayed correctly and the unbalanced load limitation can be implemented correctly.

System control and power limitation

The inverter can limit its active power by the use of a higher unit or fixed default values. If the inverter shall receive the default values via a higher unit (e.g. communication product, I/O module or Modbus), select the operating mode "Active power limitation P via system control". When using this operating mode, you can additionally configure how the active power is limited in the event of a communication failure. You can select whether the inverter shall retain the last values received or limit the nominal power of the inverter to the set fallback value once the time-out interval has elapsed. Select whether the inverter shall disconnect from the utility grid when limited to 0% or 0 W. This setting is required if the grid operator does not allow the inverter to still feed in a low amount of active power when limited to 0% or 0 W.

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20. Tarkista asetukset ja Continue:

Progress bar: 1 Network configuration, 2 Time and date, 3 Country standard, 4 RS485 configuration, 5 Grid management service, 6 Modular technology configuration, 7 Summary

Summary

Settings not yet saved completely.
The DC voltage of the inverter is currently too low. As a result, the settings could not yet be saved completely. As soon as there is sufficient DC voltage at the inverter, the settings will be saved completely.

User information

Summary

The summary lists the settings made while running the installation assistant.

Network configuration	
Automatic speedwire configuration switched on	Yes
WLAN is turned on	Yes
SSID of WLAN	Mantykumpu DNA
Encryption for WLAN	WPA2
Automatic configuration of WLAN is turned on	Yes
Ethernet proxy activated	No

Time and date	
Automatic time synchronization	No
Time zone	(UTC+02:00) Helsinki, Kiev, Riga, Sofia, Tallin, Vilna

Country standard	
Country standard set	VDE-AR-N14105
Set country standard	-----

RS485 configuration	
RS485 interface protocol	-----

Grid management service	
Operating mode of stat V stab., stat V stab. config	cosPhi, direct specific.
cosPhi setpoint, cosPhi config., direct specif.	1.00
cosPhi excit.type, cosPhi config., direct spec.	Underexcited
Operating mode of feed-in management	Act. power lim. via PV system ctrl
Operating mode for absent active power limitation	Values maintained
Grid disconn. at 0% specif. by feeding management	No

Export all parameters Export the summary

Nyt laitteen asetukset ovat oikein ja laite on yhdistetty internetiin.