

# SMA-INVERTTERIN YHDISTÄMINEN INTERNETIIN wifiyhteyden avulla

Muodostetaan invertteriin wifi-yhteys tabletista, puhelimesta tai tietokoneesta:

## SMA-invertteriin yhdistäminen:

- SMA-invertterissä on jatkuva wifiyhteys. Etsi tietokoneesi / mobiililaitteesi yhteysasetuksista SMAinvertteri: Avaa tietokoneella tai mobiililaitteella wlan / wifi luettelo
- Verkon ja Internetin asetukset

  Voit muutaa asetuksia ja esimerkiksi määrittää yhtey käytön mukaan laskutettavaksi.

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- 2. Valitse SMA... -yhteys
- 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 yhtäaikaisesti useampia wifi-yhteyksiä.
- 6. Klikkaa Yhdistä

### Kirjautuminen invertterin sivustoon:

- 7. Avaa internet-selain, esim. Crome, 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. Kirjaudu sisään laitteelle Installer-roolissa. Salasanan olette saaneet käyttöönotossa.
- 11. Avaa oikeasta yläreunasta valikko ja sieltä Start the installation assistant



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Home										1 -	0
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Network configuration	Time and date	Country standard	RS485	configuration		Grid management service		Modular technology configuration		Summary	
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letworks configured								Network c	onfigura	tion	
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	Ethernet					connection		Configuring	Commun	ication via Ether	met
ype of communication	1							You can eith automaticall them manua Automatic o If you want t	er obtain th y from a DH illy. Select t configurati o configure	e network setting ICP server or cor he desired option on switched on. the network setti	gs nfigur n und ings L netu
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- 13. Syötä kotisi WLAN-modeemin salasana kohtaan WLAN password:
- 14. Valitse Connect to WLAN

Kotikumpu	C	
		Syötä WLAN-
utomatic configuration switche	ed on <b>O</b>	modeemin salasana
Yes No		

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

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Network configuration	Time and date		Country standard		HS485 configuration		Geld management service		Modular technology configuration		Sumiliary
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	Ethernet					an	n connection		Configuring	Commun	ication via Ethernet
Type of communication       Ethernet     WLAN       Automatic configuration swite       Yes     No       Proxy settings       Use proxy server     Do not	ched on <b>O</b>								Direct Ethern fryou want to manually, you data addbioni Direct Ethern if you want to device via a m the automatic interface. Sel	rom a DF y. Select 1 enfigurati configure have to e ally. net Comme establish etwork ca configura ect the op a switche	The official second sec
							Save	205	If there is a pr you must mail proxy settings Sunny Portal device.	oxy serve e addition are need and for fir	r in your local network, nal proxy settings. The led for the connection to mware updates of the

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

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17. Save	e and next: 2 Time and date y standard current country data set, you	3 Country sta	in with Se	RS485 cc your personal SMA (	4 Infiguration	d code.	5 management service	Mo	6 odular technoloo configuration <b>① Use</b> Selectin The cour settings to to meet it standard	ar informatic in the countr try data set con the device para	7 Summary on y standard ains special default ameters on the grid s g grid-connection
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17. Save	e and next: 2 Time and date y standard current country data set, you	3 Country str	in with	RS485 cc your personal SMA (	4 Grid Guar	d code.	5 management service	Mc	6 dular technolo configuration <b>① Use</b> <b>Selectii</b> The course settings to to meet the standard if you self configures settings, set dependent configures settings, set dependent settings, settings, settings, set dependent settings, settings, s	or informatic r informatic try data set con t the device para he correspondin ect a country da d with the corre- the setection of nds on the instal	7 Summary on y standard tains special default ameters on the grid s g grid-connection g grid-connection ta set, the device will lation site and the grit lation site and the grit lation site. Contai



18. Save and next:

2

Time and date

3

RS485 configuration

Country standard

R \$485 interface application

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1

Network configuration

RS485 configuration

R \$485 interface terminal resistance

R\$485 interface

RS485

On

Back

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# 20. Tarkista asetukset ja Continue:

1	2	> 3		4		5		6	> 7
Network configuration	Time and date	Country standar	RS485	i configuration	Grid	management service	M	odular technology configuration	Summary
ummary								0 User info	mation
								Summary	
Settings not yet saved of The DC voltage of the inv As soon as there is suffici	completely, renter is currently too low. ient DC voltage at the inv	As a result, the settings cou erter, the settings will be sa	ld not yet be saved red completely.	completely.				The summary list	s the settings made whi ation assistant.
Network configuration									
Automatic speedwire configure	eation switched on	Yes							
VLAN is turned on		Yes							
SSID of WLAN		Ма	ntykumpu DNA						
Encryption for WLAN		WF	A2						
Automatic configuration of WL	AN is turned on	Yes							
Ethernet proxy activated		No							
Time and date									
Automatic time synchronization	ņ	No							
lime zone		(U <sup>1</sup>	C+02:00) Helsinki,	Kiev, Riga, Sofia,	Tallin, Wilna				
Country standard									
Country standard set		VD	E-AR-N4105						
Set country standard									
R\$485 configuration									
RS485 interface protocol									
Grid management service									
Operating mode of stat.V stab	, stat.V stab. config.	COS	Phi, direct specific.						
cosPhi setpoint, cosPhi config.	, direct specif.	1.0	0						
cosPhi excit.type, cosPhi confi	ig., direct spec.	Un	derexcited						
Operating mode of feed-in mai	nagement	Act	power lim. via PV	system ctri					
Operating mode for absent act	tive power limitation	Val	ues maintained						
Grid disconn at 0% specif, by	feeding management	No							

## 19. Save and next:

1	>	2	$\geq$	3	$\geq$	4		5		6	>	7
Network configuration		Time and date	Country	r standard	R	S485 configuration	Gri	d management service	Mo	dular technology configuration		Summary
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rou must enter your p	rersonar c	SWA GITU Guard Coue	s before proceedin	y.				SMA Grid Guar	d login	Connected I	ine condu	ctors
Feed-in management	Static	voltage stability								displayed va displayed co limitation car	ues on the rrectly and be implem	user interface are the unbalanced load tented correctly.
										System con	trol and po	ower limitation
system control and	power l	imitation								of a higher u	nit or fixed	active power by the default values. If the default values via a
On Off										higher unit (e	.g. commu	nication product, I/O
Operating mode Active	power			Operat	ing mode	for absent system	control			"Active powe	r limitation	P via system control
Act. power lim. via PV	system c	trl	٣	Valu	ies mainta	ained				additionally o	onfigure ho	w the active power i
				Grid di	sconnect	tion for 0% feeding				You can sele	ct whether	the inverter shall retain
				No					۳	power of the	inverter to	the set fallback value
										whether the	e-out interv nverter sha	al has elapsed. Selec III disconnect from the
										utility grid wh is required if	en limited t the grid op	to 0% or 0 W. This se erator does not allow
Back								Save	and next	inverter to st power when	Il feed in a limited to 0	low amount of active % or 0 W.
									C			

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User information
RS485 configuration

communication bus.

Activate Terminator

not be activated.

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

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.

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

Summary

Modular technology configuration

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Save and next

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Grid management service

Nyt laitteen asetukset ovat oikein ja laite on yhdistetty internetiin.