Change of country code in Avrii SOL and BB ECO Guard inverters – INSTRUCTION

Avrii SOL inverters feature the 'OSD START' function, which means that the network code PL is set as default and should not be changed if the inverter is installed in Poland. If you wish to change the country code, which determines the electrical operating parameters of the inverter, follow the steps below:

Before proceeding with changing the country code, contact Avrii's Technical Department to receive detailed guidelines manual/local configuration.

CONTACT E-MAIL: support@avrii.eu

SUBJECT: *Change of country code in Avrii SOL/BB ECO Guard inverters*

MESSAGE: Please write the following information in your message:

- Inverter location (country, postal code, city);
- Serial number of the configured inverter;
- Serial number of the communication module;
- Information whether the inverter is connected to the monitoring platform;
- Selected method of code configuration – remote or manual.

MANUAL/LOCAL CONFIGURATION by the Installer

The country code can only be changed when the inverter is not connected to the grid. The configuration should be done by the installer.

The procedure for changing the country code using USB, when Avrii/BB ECO Guard inverters are installed outside the borders of Poland, is as follows:

Step 1: Contact Avrii's Technical Department according to the above guidelines (CONTACT) to obtain the configuration file.

Step 2: Prepare the USB memory by formatting it using the FAT32 settings.

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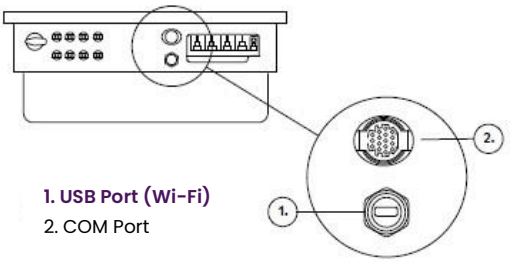
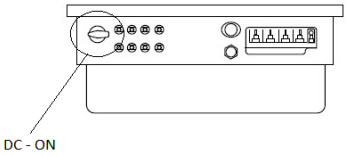
Step 3: Create a folder named 'safety' on the prepared USB drive. The country code file should be placed in the created 'safety' folder.

Step 4: Turn off the AC/DC switch. Once the inverter is turned off, open the USB cover and connect the external USB memory with the previously placed file.

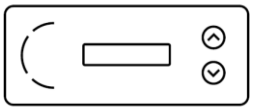


1. USB Port (Wi-Fi)
2. COM Port

Step 5: Turn on the DC switch located under the inverter. The 'USB' icon will appear on the display.



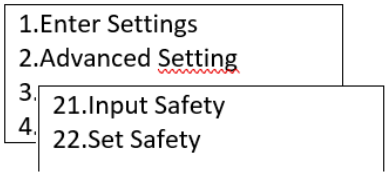
Step 6: Press and hold ▼ on the inverter display to access the MAIN MENU, then use the arrows ▲▼ to select 'Enter setting'/'Imput Safety' and enter the password: **0001**, then confirm (confirm the selection by long-pressing the down button ▼).



Step 7: Select 'Safety param' and enter the password: **0001**, then confirm by holding down the down button ▼.

'Error! Retry' means you entered the password incorrectly. To enter the correct password, press ▼

If you haven't inserted the USB memory with the appropriately configured file, you will receive a failure message.



If the "safety parameters" and "set safety" options are unavailable, you should update the system to the latest software version. To receive the update file, please contact our technical support.

Step 8: Select the desired country code and press 'Enter' by long-pressing the down arrow ▼. You will find a list of codes for each country below.

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List of country codes [Country | Code | Norm]:

Europe	**018-000**	PL50438
	018-001	EN50549
	018-002	EN50549-HV
Australia	**002-000**	Overall
	002-001	AU-WA
	002-002	AU-SA
	002-003	AU-VIC
	002-004	AU-QLD
	002-005	AU-VAR
	002-006	AUSGRID
	002-007	Horyzontal
	002-008	Australia -B
	002-009	Australia -C
Austria	**013-000**	Ocerall
Belgium	**008-000**	Overall
	008-001	HV
Brazil	**028-000**	220V
	028-001	LV
	028-002	230V
	028-003	254V
	028-004	288V
China	**010-000**	China-B
	010-001	Tajwan
	010-003	Hongkong
	010-007	China-MV
	010-008	China-HV
	010-009	Overall
Columbia	**111-000**	Overall
	111-001	LV
Croatia	**107-000**	Overall
Cyprus	**024-000**	Overall
Czech	**030-000**	Overall
Danemark	**005-000**	Overall
	005-001	TR322
Dubai	**046-000**	DEWG
	046-001	DEWG MV
Estonia	**109-000**	Overall
France	**011-000**	VDE0126
	011-001	FAR Arrete23
	011-002	VDE0126-HV
	011-003	VFR 2019 R.
Danemark	**000-000**	VDE4105
	000-001	BDEW / VDE AR-N 4110
	000-002	VDE0126
	000-003	VDE4105-HV
	000-004	BDEW-HV / VDE AR-N 4110-HV
Greece	**006-000**	Continent
	006-001	Island
India	**025-000**	Overall
	025-001	MV
	025-002	HV
Ireland	**039-000**	PL50438
Italy	**001-000**	CEI-021
	001-001	CEI-016 Italia
	001-002	CEI-021
	001-003	CEI-021 In Areti
	001-004	CEI-021 - HV
Japan	**014-000**	50 Hz
	014-001	60 Hz
Korea	**020-000**	Overall
Latvia	**122-000**	Overall
Lithuania	**108-000**	Overall
Mexico	**035-000**	LV
Netherland	**007-000**	Overall
	007-001	MV
	007-002	HV
New Zeland	**027-000**	Overall
	027-001	MV
	027-002	HV
Norway	**034-000**	Overall
	034-001	LV
Philippines	**026-000**	Overall
	026-001	HV
Poland	**012-000**	LV
	012-001	MV
	012-002	HV
	012-003	ABCD
Saudi Arabia	**121-000**	Overall
Slovakia	**029-000**	VSD
	029-001	SSE
	029-002	ZSD
Spain	**003-000**	RD1699
	003-001	RD1699-HV
Sweden	**021-000**	Overall
South Africa	**044-000**	Overall
	044-001	HV
Switzerland	**015-000**	Overall
Thailand	**040-000**	PEA
	040-001	MEA
Ukrainian	**033-000**	Overall
United Kindom	**009-000**	G99
	009-001	G98
	009-002	G99-HV
IEC EN61727	**019-000**	Overall
High Range 60Hz	**038-000**	Off-grid
LV-Range-50Hz	**042-000**	Off-grid

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