



Shenzhen SOFARSOLAR Co., Ltd.

Dear Retailers and Installers,

According to the recent requests of specific grid connection settings when approving solar system connections of different Australian DNSPs, Sofarsolar has made specific changes to satisfy different requests which are primarily relevant to inverters sustainable voltage limit, volt-watt and volt-var with various action points etc. These settings are decided by DNSPs according to their practical grid conditions.

The example below is a part of requirements from Western Power, who requests that all grid connected inverters must be set to the parameters below after 1st of Nov.2019.

Sustained operation for voltage variation	Required Default setting Vnom-max=258V
Volt-var response mode settings	Required and Enabled Set points V1=205V,30%(vars source) V2=220V,0% V3=235V,0% V4=250V,30%(vars sink) <i>Applicable from 9th August 2019</i>

Other changes also have made to enable the installers to adjust the parameters of the inverter on site easily according to local specific requests. Please refer to Appendix " Explanation of setting the country code".

Explanation of setting the country code

Part1 Check software version

Press "ESC" button to enter main menu of the LCD screen, then switch to "3. System Info" by pressing "Down" button, and press "Enter" button to confirm. Then press "Down" button to switch to "SoftVersion" window, check if the software is the latest one with pre-loaded DNSP s requests.

3.SystemInfo	
	1.Inverter Type
	2.Serial Number
	3.SoftVersion

Grid Standard	Inverter Model	Software Version
AU-WA	SOFAR 1100-3300TL	V5.80 or above
	SOFAR 1100-3300TL-G3	V2.10 or above
AU-VIC	SOFAR 3-6KTLM-G2	V2.40 or above
AU-SA	SOFAR 7.5KTLM	V2.20 or above
AU-QLD	SOFAR 3.3-12KTL-X	V2.10 or above
AU-VAR	SOFAR 10000-20000TL	V4.70 or above
AUSGRID	SOFAR 10000-15000TL-G2	V1.20 or above
Horizon	SOFAR 20000-33000TL-G2	V2.20 or above
	SOFAR 50000-60000TL,70000TL-HV	V1.80 or above



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If yes, please refer to Part 2 to set the country code.

If not, please use computer or SD card to upgrade to the latest software, then refer to Part 2 to set the country code.

Part 2 Set the country code

- 1 Disconnect the AC side of the inverter to let it work without grid connection.
- 2 Press the “ESC” button to enter main menu, and press “Enter” button to confirm “Enter Setting”.
- 3 Press the “Down” button to switch to “4. Set Country Code”, and press “Enter” to confirm.
- 4 Confirm “Set Country Code” by pressing “Enter” button.
- 5 Select “45” as an example to set AU-WA by pressing “Up” and “Down” button, and confirm by pressing “Enter”.
- 6 Disconnect the PV input to turn off the inverter and wait until the LED on the panel is off.
- 7 All are done now.

1.Enter Setting	
	1. Set time
	2. Clear Produce
	3. Clear Events
	4. Set Country Code

Grid Standard	Code
Australia	2
AU-WA	45
AU-VIC	49
AU-SA	100
AU-QLD	101
AU-VAR	102
AUSGRID	103
Horizon	104