



APPLICATION FOR SMA GRID GUARD-CODE

The SMA Grid Guard-Code is your personal access code for changing parameters of the automatic disconnection unit typer SMA Grid Guard®.

Additional information concerning this application

Sunny Boy, Sunny Mini Central, Sunny Tripower and Windy Boy inverters from SMA Solar Technology AG are equipped with the automatic disconnection device SMA Grid Guard®. This disconnection device continuously monitors the low voltage grid into which electricity is fed and automatically stops feeding if an interruption or separation from the grid is detected. The monitoring criteria can be modified according to the applicable regulations of different countries and can therefore be used all over the globe.

SMA Grid Guard® ensures that the low voltage grid can be disconnected by the utility operator any time and thus allows e.g. maintenance and repair work. Any manipulation of this facility can cause malfunctions and therefore directly endanger the life of people, in the case electricity is fed to grid that was disconnected by the utility operator. Therefore changes of the monitoring criteria are exclusively reserved for trained qualified staff.

Parameter changes to SMA Grid Guard®

In certain cases it can be necessary to modify the monitoring criteria preset ex-works in order to comply with the local grid conditions. Trained qualified staff can do this with a personal access code.

The modification of a threshold value is logged in the device by recording the access code that was entered. In case the marking VDE0126 (4.99), VDE0126-1-1 or DK 5940 is included on the type label, this marking must be removed permanently. Furthermore, the changes should be documented and passed on to the system operator so the system documentation can be supplemented.

Declaration of the applicant

I hereby apply for a personal access code for the permanent modification of the threshold values of the grid monitoring. I am aware of the importance of this as described here and am aware of the function of the automatic disconnection device SMA Grid Guard® and assure that

- I will use the access code confidentially,
- will only modify threshold values after consulting the utility operator and
- that any modification of the threshold values will be clearly documented on the type label as well as on any other documentation related to the system.

