

READ ME

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| Inverter | SBS2.5–1VL-10 |
| FW-Version | PACK 3.11.06.R |
| Update feature/reason | <ul style="list-style-type: none"> • Please follow the “Update Manual” below • Compatibility with BYD HVS • Only approved for use with the BYD HVS • Several enhancements of firmware quality • The update file contains all features of former firmware versions |
| Update medium | SBS2.5-1VL-10-V3.11.06.R.up2 file update via integrated webserver |
| File Name | FW3-11-06-R_SBS2-5-1VL-10.zip |
| Update manual BYD HVS | <ol style="list-style-type: none"> 1. Make sure that all system components used in the system are installed before commissioning. (Sunny Boy Storage, Battery and SMA Home Manager or SMA Energy Meter) 2. Please download the following “Be Connect Plus v.1.4 SMA only” version: https://www.bydbatterybox.com/uploads/downloads/Be%20Connect%20Plus-V1.4.0-SMA%20only-5fcf50f952586.zip 3. Perform the necessary updates: <ol style="list-style-type: none"> a. BMU – Version: 3.15 b. BMS – Version: 3.21 c. Parameter Table – Version: 6.2 4. Check whether the BYD battery update was successful by closing the BCP program and reopening it or using the "Refresh" option under "System Info". The version numbers should now be updated. 5. In the "System Info" section, select the correct inverter type: SMA SBS2.5 and the battery type HVS and confirm the settings with Setup! Danger! Make sure to select the type SBS2.5, if this is not possible, check the BCP version. 6. In addition, as usual, the number of modules, the phase and the grid type must be specified. <p>* Updates are currently not possible via the smartphone app.</p> |
| Update manual SBS2.5 | <ol style="list-style-type: none"> 1. Make sure that all system components used in the system are installed before commissioning. (Sunny Boy Storage, Battery and SMA Home Manager or SMA Energy Meter) 2. Switch on the circuit breaker of the Sunny Boy Storage. 3. Activate the user interface of the inverter and log in as Installer. 4. Switch on battery. 5. Select the menu Device Configuration. 6. In the line Inverter click on the gear icon and select Update firmware. 7. Select the update package and confirm by Update firmware. 8. Follow the instructions in the dialog. |

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| | <p>9. The update should normally take max. 25 minutes. Only in case of a further update of the battery firmware longer update times will occur. During the update, the battery inverter may restart several times. Do not manually restart the battery inverter or manually disconnect the battery. Do not close your browser. After restart of the inverter, the Web-Interface will be restarted automatically. The update is finished when the event '27312 - Update finished' is displayed.</p> <p>10. After a successful update, run through the installation wizard again and do the battery configuration so that the new battery including the current firmware version can be adopted. Select under Battery configuration the HVS.</p> <p>11. Finally, it is strongly recommended to check the inverter settings, especially the grid code settings.</p> | | | | | | | | | |
| <p>Note</p> | <ul style="list-style-type: none"> • If you have set the areas of application of the battery before the update, the parameter listed below may have been reset to the factory settings. In this case, please check the parameters. <ul style="list-style-type: none"> ○ "Device parameters" → "Battery" → "Areas of application" <table border="1" data-bbox="544 1070 1270 1263"> <tbody> <tr> <td>Lower limit deep disch. Protect area prior shutdown</td> <td>0 %</td> <td>(0 % ... 5 %)</td> </tr> <tr> <td>Minimum width of deep discharge protection area</td> <td>1 %</td> <td>(1 % ... 5 %)</td> </tr> <tr> <td>Area width for conserving battery state of charge</td> <td>3 %</td> <td>(1 % ... 10 %)</td> </tr> </tbody> </table> • The package includes an update file (*.up2). The file can be downloaded directly to the inverter via Webserver interface using a smartphone, notebook or PC. • The update file contains all features of former firmware versions. • The update via LAN is usually more reliable and faster. | Lower limit deep disch. Protect area prior shutdown | 0 % | (0 % ... 5 %) | Minimum width of deep discharge protection area | 1 % | (1 % ... 5 %) | Area width for conserving battery state of charge | 3 % | (1 % ... 10 %) |
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