

READ ME

Inverter	STP5.0-3SE-40 / STP6.0-3SE-40 / STP8.0-3SE-40 / STP10.0-3SE-40
FW-Version	PACK 4.08.29.R
Warnung (Deutsch)	<p>Vorgehensweise bei der Installation:</p> <ol style="list-style-type: none"> 1. Die Firmware darf auf dem STPSE ausschließlich dann installiert werden, wenn entsprechend dem Dokument „Zugelassene Batterien und Informationen zum Batteriekommunikationsanschluss“ eine freigegebene Batterie angeschlossen ist. Ist keine freigegebene Batterie angeschlossen, kann es unter bestimmten Bedingungen zu Funktionsbeeinträchtigungen oder Einschränkungen im Betrieb kommen. Um einen sicheren und zuverlässigen Anlagenbetrieb zu gewährleisten, darf das Firmware-Update in diesem Fall nicht durchgeführt werden. 2. Wichtig: Sofern auf dem STPSE noch keine Firmware-Version 3.06.18.R oder höher installiert ist, muss zuerst das Update auf die Version 3.06.18.R durchgeführt werden. 3. In der WebUI des STPSE unter den Ereignissen prüfen, ob „Update Kommunikation“ und „Update Hauptrechner“ jeweils mit der Meldung „Update beendet“ abgeschlossen wurden. 4. Erst dann das Update der Version 4.08.29.R starten. Sofern der STPSE mit einer SMA Home Storage Batterie betrieben wird, dauert das Update auf die Version 4.08.29.R, inklusive des Batterie-Updates auf Version 1.1.54.R, ca. 30 Minuten.
Warning (English)	<p>Installation Procedure:</p> <ol style="list-style-type: none"> 1. Firmware may be installed on the STPSE only if an approved battery is connected, in accordance with the document "Approved Batteries and Information on the Battery Communication Port." If no approved battery is connected, functional impairments or operational restrictions may occur under certain conditions. To ensure safe and reliable system operation, the firmware update must not be performed in this case. 2. Important: If the installed firmware version is lower than 3.06.18.R, the update to version 3.06.18.R must be performed first. 3. In the STPSE WebUI, under Events, check whether "Update Communication" and "Update Main Processor" have each completed with the message "Update finished." 4. Only then start the update to version 4.08.29.R. If the STPSE is operating with an SMA Home Storage battery, the update to version 4.08.29.R — including the battery update to version 1.1.54.R — takes approximately 30 minutes.
Update	<p>The update file contains all features of former firmware versions:</p> <ul style="list-style-type: none"> – RED compliance:

feature/reason	<p>Fulfilment of all RED (Radio Equipment Directive 2014/53/EU) and ETSI EN 303 645 cybersecurity requirements, further enhancing the system's IT security.</p> <ul style="list-style-type: none"> - New PUK 2.0: Reset passwords directly via the web UI – secure, fast, and no support contact needed. - Compatible with BYD Battery-Box HVS+, HVM+ and HVB. For operation with these batteries, a remote update to version 1.36.0 must be performed by BYD. - The Firmware Update version 1.01.54.R for SMA Home Storage is included in the package. - Bugfixes / Improvements: Includes various stability improvements and fixes for known issues to ensure reliable system performance. <ul style="list-style-type: none"> o Implementation of Unicast communication between inverter and E-Meter or HM-20 to avoid event 7619 o Avoid battery undervoltage event after starting module balancing o Limiting of emergency charging power to 1kW. o Prevents the generation of 9000xxxxx serial numbers. o New event 9223 when starting "Backup-Mode". o Operation with System Manager (STP X) and EDMM is released - Latest grid codes integrated: faster commissioning, compliant, and no manual configuration needed. <ul style="list-style-type: none"> o [NL] Netcode elektriciteit Typ A
Update medium	STP5.0_10.0-3SE-40-V4.08.29.R.up2 file update via integrated webserver
File Name	FW4-08-29-R_STP5_10-3SE-40.zip
Update manual	<ol style="list-style-type: none"> 1. Activate the user interface of the inverter. 2. Log in as Installer. 3. Select menu Device Configuration. 4. In line Inverter click on the gear icon and select Update firmware. 5. Select the update package made available for the inverter and select Update firmware. 6. Follow the instructions in the dialog. 7. After completion of the update, it is strongly recommended to check the inverter settings, especially the grid code settings
Note	<ul style="list-style-type: none"> • The package includes an update files (*.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.