

READ ME

Inverter	STP 15000TL-30 STP 20000TL-30 STP 25000TL-30
FW-Version	PACK 3.10.05.R
Update feature/reason	<p>New grid parameter settings to comply to Regulation (EU) 2016/631 called "RfG, Requirements for Generators".</p> <p>Following standards are supported:</p> <p><u>Germany</u> Low voltage: VDE-AR-N 4105:2018-11 Erzeuger > 4,6 kVA Medium voltage: VDE-AR-N 4110:2018-11 Erzeuger int EKS Medium voltage: VDE-AR-N 4110:2018-11 Erzeuger ext EKS</p> <p><u>Europe (general)</u> Low voltage: EN50549-1:2018 LV Medium voltage: EN50549-2:2018 MV</p> <p><u>UK</u> ENA-EREC-G99/1:2018</p> <p><u>Austria</u> TOR Erzeuger Typ A V1.0:2019 TOR Erzeuger Typ B V1.0:2019 Anlage >250 kW</p> <p><u>Belgium</u> Synergrid C10/11:2019 LV Erzeuger int. EKS Synergrid C10/11:2019 LV Erzeuger ext. EKS Synergrid C10/11:2019 MV Erzeuger int. EKS Synergrid C10/11:2019 MV Erzeuger ext. EKS</p> <p><u>Italy</u> CEI0-21:2019 Anlage >11,08 kW ext. EKS CEI0-16:2019 Anlage ≤6 MW</p> <p><u>Denmark (Type A, Low Voltage)</u> Dansk Energi DK1:2019 LV Dansk Energi DK2:2019 LV</p>
Important note	This firmware package supports ONLY the above-listed EU standards for

	<p>Germany, and EU (general). There are no further grid codes or standards included or supported.</p> <p>It is mandatory that you read the attached STPTL-30-FWRFG-TI-XX-10.pdf (multilingual) beforehand.</p> <p>If necessary, adjustments of inverter and grid parameter can be done after update as usual. Detailed descriptions are provided via enclosed NSM-GG10-TI-XX-11.pdf</p>
Update medium	<ul style="list-style-type: none"> • Sunny Explorer (as from version 1.07.29) • SD card (directly on the inverter) • SMA Data Manager M
File-Name	FW3.10.05.R_STP15_20_25000TL-30.zip

Release notes of former FW-Releases

FW-Version	PACK 3.00.05.R
Update feature/reason	<p>-New grid parameter settings to comply to Regulation (EU) 2016/631 called "RfG, Requirements for Generators".</p> <p>Following standards are supported:</p> <p>Germany:</p> <p>Low voltage: VDE-AR-N 4105:2018-11</p> <p>Medium voltage: VDE-AR-N 4110:2018-11</p> <p>EU (general)</p> <p>Low voltage: EN50549-1:2018</p> <p>Medium voltage: EN50549-2:2018</p> <p>Following standards are- integrated but not yet certified</p> <p>UK: Preliminary (See Important note)</p> <p>Low voltage: EREC G99:2018</p> <p>Medium voltage: EREC G99:2018</p> <p>Belgium: Preliminary (See Important note)</p> <p>Low voltage: C10/11 LV2:2018</p>

	Medium voltage: C10/11 MV1:2018
Important note	<p>This firmware package supports ONLY the above-listed EU standards for Germany, and EU (general). Please note the new grid codes for UK and Belgium are preliminary and not yet certified (certification is still under process). It is recommended to use this update for UK and Belgium only when the manufacturer declaration for the new grid code will be available (manufacture declarations can be found on www.sma.de). By then please do not update and use the former firmware version.</p> <p>There are no further grid codes or standards included or supported.</p> <p>It is mandatory that you read the attached STPTL-30-FWRFG-TI-XX-10.pdf (multilingual) beforehand.</p> <p>If necessary, adjustments of inverter and grid parameter can be done after update as usual. Detailed descriptions are provided via enclosed NSM-GG10-TI-XX-10.pdf (EN/DE/ESP/IT/NL).</p>

FW-Version	PACK 2.83 (HP 2.63)
Release date	03/2018
Update content	<p>New features / changes:</p> <ul style="list-style-type: none"> -New power class 15kVA (STP 15000TL-30) -New grid parameter setting Australia: AS4777.2 2015 -New grid parameter setting Chile: NT_Lay2057 -Availability of 3rd AC voltage threshold supervision

Version	PACK 2.82 (HP 2.62)
Release date	04/2015
Update content	<p>New features / changes:</p> <ul style="list-style-type: none"> -New grid parameter setting Thailand: PEA 2013 -New grid parameter setting Spain: RD1699/413 -New grid parameter setting Korea: KEMCO 2013 -Compliance to the European regulation of EN 50438:2013

	-Compliance to the Romanian regulation also for PV plants >400kVA -Integrated Plant Control -Q on Demand 24/7
--	---

Version	PACK 2.81 (HP 2.62)
Release date	01/2015
Update content	New features / changes: -New grid parameter setting "Offgrid 50Hz" -Modbus Support (SMA-Profile and SunSpec-Profile) -Fallback functionality (for defined inverter behavior in case of communication interrupt)