

TESVOLT Energy Manager 3.2 – Release Notes

Version and Compatibility

- Software-Version: TESVOLT Energy Manager 3.2
- Compatible Systems:

TESVOLT FORTON
 TS-I HV 80
 TS HV 30-80 E
 TS-I HV 80 E
 TS-I HV 100 E
 TPS-E
 TPS HV 80 E
 TS HV 70 E
 TS HV 70

Increase your energy efficiency and the control over your battery systems with the new features and improvements of the TESVOLT Energy Manager 3.2.

The most relevant innovations include a new user interface for creating strategies of self-consumption optimization and peak shaving, several improvements to the user interface, e.g. for heat pumps and Modbus RTU, and plenty new drivers for meters, PV inverters and charging stations.

1. Integration of TESVOLT FORTON

Complete integration of our new outdoor economic miracle into the TESVOLT Energy Manager with the entire feature set. While optimized for energy trading with TESVOLT Energy (a pro feature), FORTON shines bright in its performance of traditional energy services.

Functions:

- Profit from energy trading with TESVOLT Energy (Pro feature; requires a separate contract)
- Leverage the full potential of the TESVOLT Energy Manager with traditional energy services
- Easily extend your current TESVOLT storage by adding a TESVOLT FORTON thanks to the TESVOLT Energy Manager

Requirement:

- Basic or Pro version of the TESVOLT Energy Manager

A documentation on setting up TESVOLT FORTON can be found in its manual or the manual for the TESVOLT Energy Manager on page 38 (please see downloads).

2. New License Model

Starting from the 1st August 2025 new customers will be offered the new licensing model for the TESVOLT Energy Manager. Henceforth all customers will only have the option of one license version (basic will be abolished). The costs for pro will be part of the initial price and the recurring annual fee is dropped.

Benefits:

- Maximum transparency for all customers and partners
- License costs will be part of initial costs and can be aided by the government
- All new customers profit from pro features such as forecast based charging, dynamic energy tariffs, TESVOLT Energy (in Germany), Multi-Use and several others

Changes for Existing Customers:

- no changes for existing customers for now

3. New & Easy User Setup

Starting from the 1st August 2025, the TESVOLT Energy Manager hardware will be listed with the new article number 106248. The new devices will be delivered with a preinstalled license key, due to which the previous process of transmitting the key separately is no longer required.

As a result at least one initial user has to be setup in the user interface.
More details are available as a [PDF file here](#).

Benefits:

- Avoiding unnecessary need for communication
- It will no longer be an issue that anyone could fail to bring the license key to a commissioning site

Changes for Existing Customers:

- none in this regard

A documentation on initially setting up a new user can be found in the manual for the TESVOLT Energy Manager on page 23 (please see downloads).

4. New Interface for Creating Strategies

When creating a new strategy in the TESVOLT Energy Manager users can now choose between self-consumption optimization (SCO), peak shaving, or “expert strategy”. For SCO and peak shaving the new user interface can be leveraged to setup a new strategy more easily and much faster based on priorities. Entries and their order will be created automatically sensibly based on the entries in the topology, which can be individually modified to the users wishes. The “expert strategy” offers the known and more complex interface to create individual strategies for any use case. All strategy types can be combined via the decision tree under “Activation”. Previously setup strategies will now be listed as “expert strategies” and can be used as before without limitations.

Functions:

- New user interface for creating strategies for SCO or peak shaving
- Fast and easy setup of new strategies based on individual priorities

Requirement:

- Basic or Pro version of the TESVOLT Energy Manager

A documentation on setting up a simple SCO or peak shaving can be found in the manual for the TESVOLT Energy Manager on page 72 (please see downloads).

5. Commissioning Assistant

The new user-friendly commissioning assistant especially helps new users of the TESVOLT Energy Manager with a step by step guide through all necessary steps for commissioning a new system. Although it also offers features for veterans such as the possibility to set quick reminders to complete certain steps later or also the feature to easily continue where one left off, if the commissioning was not completed in one go.

Functions:

- New commissioning assistant for user guidance for the initial commissioning
- Mark completed and uncompleted steps for later

Requirement:

- Basic or Pro version of the TESVOLT Energy Manager

A documentation for the commissioning assistant can be found in the manual of the TESVOLT Energy Manager on page 25 (please see downloads).

6. Extension of Dynamic Energy Tariffs

User of the pro version may now also leverage the advantages of a dynamic energy tariff in Switzerland with a provider using Epex Spot.

General Availability:

- For businesses & end customers via **Epex Spot**: Germany & Switzerland
- For end customers also via **aWATTar** in Germany & Austria, or via **tibber** in Germany, the Netherlands, Sweden & Norway










Requirement:

- Pro version of the TESVOLT Energy Manager

7. Improvements to the User Interface

- **Heat Pumps:**
 - New user interface for the setup and configuration with its own device class
 - Own actuator group "Simple SG Ready" for configuring the topology and use as switch or set point in energy services
- **Setting up a device via Modbus RTU (RS485 bus)** can be done directly in the user interface now under "interfaces"
- **myTESWORLD portal:**
 - New display of a historical graph for electricity prices and the state of charge (soc), for electricity prices only if a dynamic energy tariff was set up in the TESVOLT Energy Manager
 - Extension of the live dashboard with information for the savings of CO₂ and costs
- **myTESWORLD app:**
 - Optimized navigation with quick access via a footer

8. New Drivers

Device	Manufacturer	Model	Protocol/s	Communication Interface
Meter		UMG 509	Modbus TCP	Ethernet RJ45
Solar inverter		Piko CI 100	Modbus RTU	Ethernet RS485
Solar inverter		Data Manager Sunny Boy: SB 2.0, SB 3.0, SB 3.6, SB 5.0, SB 6.0, SB 6000TL-21	Modbus TCP Modbus TCP	Ethernet RJ45 Ethernet RJ45
Solar inverter		SH3.0RS, SH3.6RS, SH4.0RS, SH5.0RS, SH6.0RS SH5.0RT, SH6.0RT, SH8.0RT, SH10RT SH8.0RS, SH10RS, SH5T-V11, SH6T-V11, SH8T-V11, SH10T-V11, SH12T-V11, SH15T-V11, SH20T-V11, SH25T-V11	Modbus TCP / Modbus RTU Modbus TCP / Modbus RTU Modbus TCP / Modbus RTU	Ethernet RJ45 / RS485 Ethernet RJ45 / RS485 Ethernet RJ45 / RS485
Charging station		connect.solar	Modbus TCP	Ethernet RJ45
Charging station		Belatron Modular T2	Modbus TCP	Ethernet RJ45
Charging station		Amedio Professional Amtron 4You 500, Amtron 4Business 700, Amtron Charge Control	Modbus TCP Modbus TCP	Ethernet RJ45 Ethernet RJ45
Charging station		EVC, HAC	Modbus RTU	Ethernet RS485
Charging station		Technivolt 1100, Technivolt 1100 SMART, Technivolt 2200 SMART, Technivolt 2200 SMART PRO	Modbus TCP	Ethernet RJ45
Charging station		smartEvo duo, smartEvo duo+, smartEvo duo connect, smartEvo duo connect+	Modbus TCP	Ethernet RJ45

9. Manual of Installation and Instruction, Compatibility List

The complete documentation is available here:

- For customers on our website:
<https://www.tesvolt.com/en/products/tesvolt-energy-manager-updates.html>

For partners in the partner portal:

<https://tesvoltcustomer.powerappsportals.com/en-US/Account/Login>

How to update your system?

If your system is already running version 3.0, you can install the update easily yourself under **"System Settings" → "Firmware Upgrade"**. If you want to know which software version is installed, you can see this in this menu item.

For the duration of the update (usually less than 1 minute, at most 5 minutes) your TESVOLT storage system will not be able to execute any energy services. The system will restart up to 2 times during the installation of the new update. Please follow the instructions on the screen.

If your system is not already running version 3.0, the TESVOLT service team can update your system. Please contact our service: service@tesvolt.com