

Information on software revision of SOLARWATT website services to version 3.2.0 (2020/03/31)

The following service areas are subject to the current software update:

1. EasyIn configurator
2. MyReserve string configurator

1. Information on EasyIn configurator updates

The following was done in the categories bugfixes and usability:

Fix of errors that could lead to incorrect calculations

Sorting of the list view in the configurator and in the PDF harmonized

Extra purchase articles will also be listed in PDF

Improving the layout of specific control elements and lists

2. Information on MyReserve string configurator updates

Storage model MyReserve 25 added

model	size	lower bound [V]	Umpp STC [V]	inv: MaxUoc [V]	CurrentMax [A]
MyReserve 25	12 kWh	433 (290)	523 (1.000)	727 (1.000)	10,63 (25,00)
Please choose		system operation in all situations.			
	2,4 kWh				
	4,8 kWh				
	7,2 kWh				
	9,6 kWh				
	12 kWh				
Module	Strings	Power of String [W]	CurrentMax [A]	With Storage	
M01	0	---	---	<input type="checkbox"/>	

Design limits for MyReserve Command 20.2 adjusted

Voltage limits have been updated.

(Note: Fitting has no effect on previously saved Configurator Sizing).

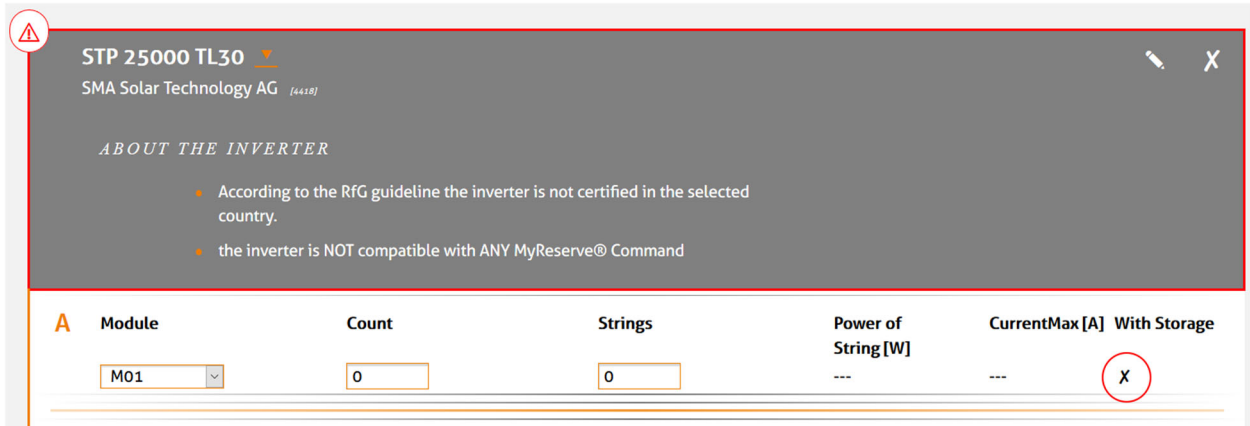
Display details of inverters adapted

not RfG (Requirements for Generators) compliant

- Inverters not conforming to RfG are shown with an exclamation mark and a red frame.
- is not displayed for existing installations with an installation date before 27.04.2019
- Display only activated for Germany and Italy

Inverter incompatibility with MyReserve

If an inverter is not compatible with MyReserve, or is assigned a number of modules or strings ≤ 0 , no check mark is available or grayed out for the memory



STP 25000 TL30
SMA Solar Technology AG [4418]

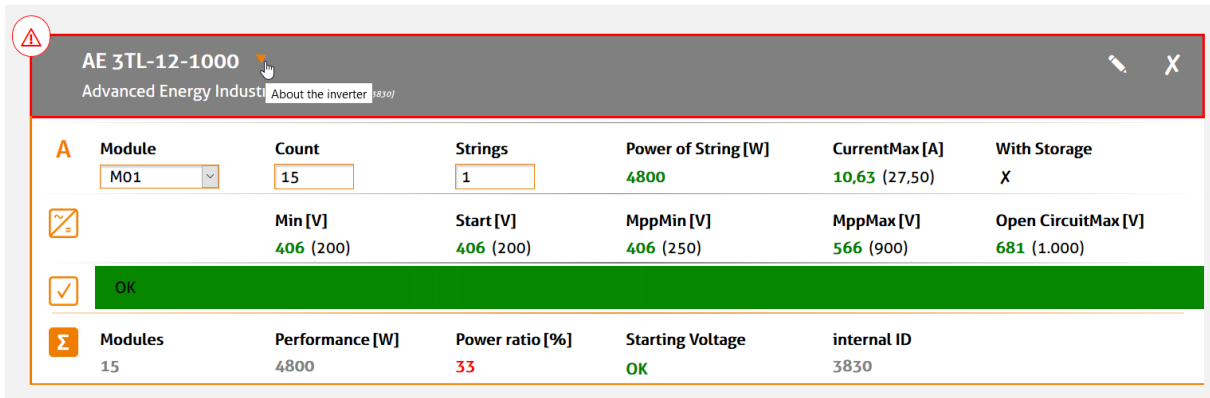
ABOUT THE INVERTER

- According to the RFG guideline the inverter is not certified in the selected country.
- the inverter is NOT compatible with ANY MyReserve® Command

A	Module	Count	Strings	Power of String [W]	CurrentMax [A]	With Storage
	M01	0	0	---	---	X

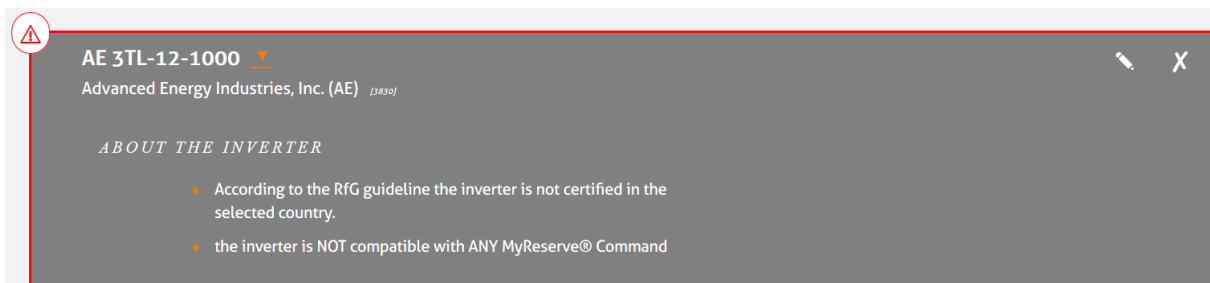
Layout adjustment

The layout has also been adjusted, which is reflected in the color display and structuring of lists, effects for "MouseOver" and "OnFocus" for input fields and buttons.



AE 3TL-12-1000
Advanced Energy Industri [3830]

A	Module	Count	Strings	Power of String [W]	CurrentMax [A]	With Storage
	M01	15	1	4800	10,63 (27,50)	X
		Min [V]	Start [V]	MppMin [V]	MppMax [V]	Open CircuitMax [V]
		406 (200)	406 (200)	406 (250)	566 (900)	681 (1.000)
	OK					
Σ	Modules	Performance [W]	Power ratio [%]	Starting Voltage	internal ID	
	15	4800	33	OK	3830	



AE 3TL-12-1000
Advanced Energy Industries, Inc. (AE) [3830]

ABOUT THE INVERTER

- According to the RFG guideline the inverter is not certified in the selected country.
- the inverter is NOT compatible with ANY MyReserve® Command

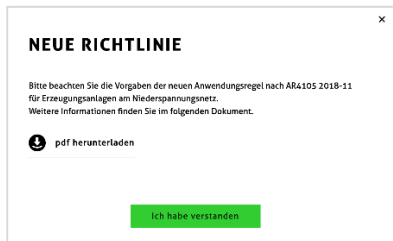
Update history

Change 30.01.2020 Version 3.1.0

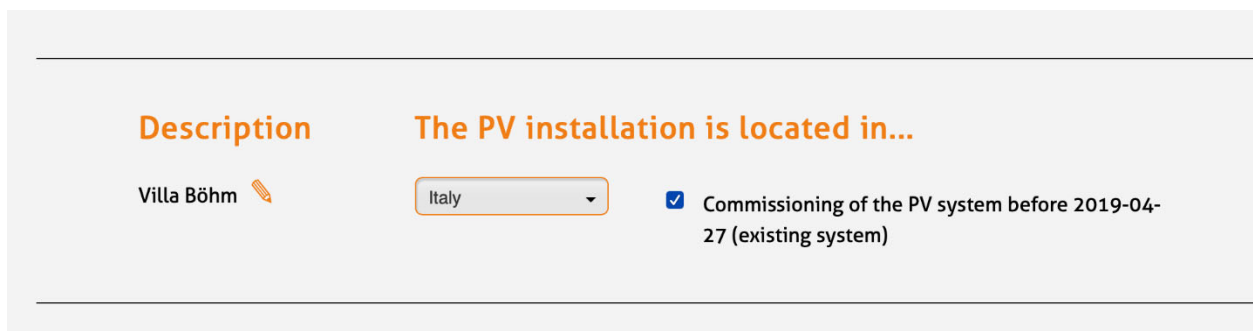
Dear MyReserve installers,

the MyReserve string configurator version 3.1.0 provides the following updates:

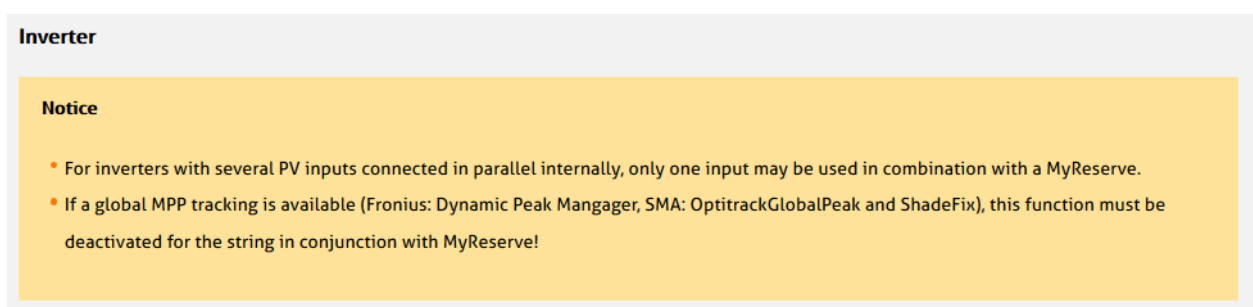
- Information window for RfG (Requirements for Generators) according to VDE-AR-N 4105-2018:11 with links to further information with case studies.



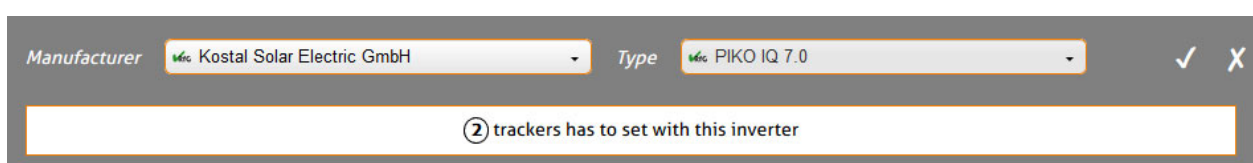
- New query field for the commissioning date of the PV system. When activated, filtering by inverters with regard to RfG conformity is no longer necessary.



- Note text added. SMA: deactivate global MPP tracking ShadeFix



- Kostal PIKO IQ: For the Kostal PIKO IQ 7.0 and 8.5 inverter models, both trackers must be occupied (manufacturer's specification).



- Information text updated when strings are connected in parallel.

Inverter #1
✎ ✕

Fronius International GmbH -- Fronius Symo 8.2-3-M

	Module	Count	Strings	Power of String [W]	CurrentMax [A]	With Storage
A	M01	10	2	6000	20,39 (24,00)	<input checked="" type="checkbox"/>
⊗		Min [V]	Start [V]	MppMin [V]	MppMax [V]	Open CircuitMax [V]
		263 (150)	263 (200)	263 (150)	368 (800)	447 (1.000)
!	If PV strings are connected in parallel mode, they must be connected before the MyReserve Command using via Y-socket and Y-plug "WM PV-Stick". Plug and socket optionally available in our shop.					
+-	model	size	lower bound [V]	Ump STC [V]	inv: MaxUoc [V]	CurrentMax [A]
	MyReserve 20.2	Please choose				
✓	OK					

- Note before deleting an inverter

Die Seite mit der Adresse <https://kundenportal.solarwatt.de> meldet:

Remove inverter?

- Discontinuation of the function Complete planning

Projects are no longer separated between completed and in progress

Notice All information is provided without guarantee.


[◀ Back to overview](#)

- Adaptation of the overview of existing plants

The Status column is omitted. Instead, it shows when the planning was first created and when it was last changed.

List sorting is based on the last changed planning.

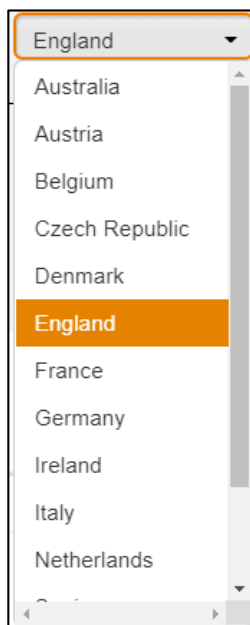
Overview of existing configurations

Page	<< < 1 > >>	Search	Search Request	Debitor	Exp: 11057	Load
Description	Owner	Modified	Created	PDF		
Test 2	Sandra Thiele	27.01.2020	27.01.2020	 27.01.2020		
Test	Sandra Thiele	27.01.2020	27.01.2020			

Change 15th October 2019 version 3.0.0

Dear MyReserve installers,

We have revised the MyReserve configurator and introduced a further technical constraint. Since April 27, 2019 the updated RfG (Requirements for Generators) apply in the European Union. All newly installed PV inverters and storage units after this date must comply with the technical specifications contained therein. To support you in planning the system, and depending on the country, the configurator might show you whether the selected PV inverter fulfils the application rule. PV inverters that comply with the application rule are marked with a green check mark in the configurator. Since this application rule can have country-specific variations, the configurator now also contains a country selection, which is queried as the first step.



Note: Inverters installed before 27th April 2019 and retrofitted with a storage unit enjoy inventory protection.

Overview of configurator adjustments - October 2019:

- Introduction visualization of approved inverters according to RfG
- Possibility of planning multi-cluster systems with up to 6 MyReserve
- Different number of BatteryPacks (up to three max.!) per command possible in cluster planning
- Adaptation of the PDF printout

It is our aim to develop the configurator into a tool which supports you in order processing and also in sales matters.

Do you have suggestions for new functions or further adaptations? Please feel free to send us your suggestions and hints:

mrkonfigurator@solarwatt.com

Change 18th September 2018

Information on the revision of the MyReserve String Configurator

Dear MyReserve installers,

If you have planned storage systems with the MyReserve Configurator in the past 4 weeks, you have noticed that a further technical constraint has been introduced and checked. This may have led to very limited permissible configurations. We would like to take the numerous queries as an opportunity to explain this topic in more detail, and at the same time point out that we have revised the configurator again.

Reason for the adjustment of the configurator about 4 weeks ago (calendar week 32)

We understand the MyReserve configurator as a planning support for you. It is first and foremost a question of checking whether the selected configuration lies within the design limits given, for example, by the maximum input voltage or the maximum input current. In addition, we would also like to help you configure systems with optimum operating characteristics so that our mutual customers are satisfied with the overall performance of their energy system. In the newly added criterion, an influencing factor is tested in this way. It is about the ratio between battery voltage and PV string voltage, with this criterion you can influence the system efficiency. However, when this criterion was introduced in the configurator, it was treated in the same way as a hard design limit, which must not be exceeded. This was not correct. For this reason, in the current configurator version this check has been converted into notes to support your system planning in terms of optimum system performance.

Here is an example of a possible hint for improving the overall performance:

Wechselrichter #1 Fronius International GmbH -- Fronius Symo 5.0-3-M						
A	Modul	Anzahl	Strings	Leistung [W]	StromMax [A]	mit Speicher
	M02	20	1	5400	9,44 (24,00)	<input checked="" type="checkbox"/>
		Min [V]	Start [V]	MppMin [V]	MppMax [V]	LeerlaufMax [V]
		517 (150)	517 (200)	517 (150)	719 (800)	859 (1.000)
	Modell	Größe	untere Grenze [V]	Umpp STC [V]	Grenze Uoc [V]	StromMax [A]
	MyReserve 20.2	7.2 kWh	517 (240)	624 (705)	859 (900)	9,44 (20,95)
	Diese Konfiguration ist zulässig, kann jedoch zu leicht verminderter Lade-/ Entladeleistung des Speichers führen, die in Ausnahmefällen auch unterhalb der Datenblattangaben liegen. Sie können die Systemkonfiguration durch Hinzunahme eines weiteren Batteriemoduls optimieren.					
B	Modul	Anzahl	Strings	Leistung [W]	StromMax [A]	mit Speicher
	M01	0	1	---	---	<input type="checkbox"/>
Σ	Module	Leistung [W]	Leistungsverhältnis [%]	Startspannung		
	20	5400	108	OK		

It is important for you that you get these notes in the configuration interface in order to be able to optimize in the planning phase, but not on the PDF printout for the customer. In addition, there are further improvements and functional enhancements in the configurator that are intended to simplify your daily work.

Overview of Configurator Adjustments - August/September 2018

- Improve the management of your configurations by introducing a search function, clear page layout and automatic save (already introduced in calendar week 32)
- Possibility of renaming configuration files, improved clarity through new logos and colors
- Possibility of designing multi-cluster systems with up to 5 MyReserve (already introduced in calendar week 32)
- Introduction of testing of the further design criterion -> ration between battery voltage and PV string voltage, addition of display value "Umpp STC" (already introduced in calendar week 32)
- Revision of this design criterion, conversion of hard limits (permissible/not permissible) to instructions for you as the user on how the system will behave in terms of charging/discharging performance and how you can optimize the system.
- Adjustment of the limit of the permissible power ratio "PV power to inverter power" from 110% to 120%.
- Adaptation of the pdf printout