

## The new Bill of Materials in Eturnity Expert

### PV SYSTEM

Component	Article number	Quantity	Unit	Unit price	Discount	Price
<b>PV panel</b>						<b>29,440.00 CHF</b>
3S Solar Plus - MegaSlate II Black L 195	PV1	92.00	pc	320.00 CHF	0.00 %	29,440.00 CHF
<b>Inverter</b>						<b>2,509.00 CHF</b>
Fronius - Symo 10.0-3-M	-	1.00	pc	2,509.00 CHF	0.00 %	2,509.00 CHF
<b>Mounting system</b>						<b>3,532.80 CHF</b>
3S Solar Plus - MegaSlate II Alpin Indach	-	92.00	pc	38.40 CHF	0.00 %	3,532.80 CHF
<b>Other components</b>						<b>45,160.00 CHF</b>
Installation modules & mounting systems	-	92.00	pc	130.00 CHF	0.00 %	11,960.00 CHF
Administration & Documentation	-	1.00	Piece	1,000.00 CHF	0.00 %	1,000.00 CHF
3S Solar Plus - SkySlate Bifacial 345	-	92.00	pc	350.00 CHF	0.00 %	32,200.00 CHF
<b>Total PV system costs</b>						<b>80,641.80 CHF</b>

We are pleased to inform you that an improved user interface has been implemented on your BOM. On the following pages you will find some important notes and information about the adaptations in Eturnity Expert projects.

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## Information on the new Bill of Materials

The Eturnity Expert is designed to generate a correct and consistent offer including PDF with little effort. In order to meet the increasing customer demands and to increase the transparency of the system, some adjustments were made to the design, the behaviour and the interaction with the users. With this function, we are responding to the current situation of rapidly changing prices: **See anytime prices have changed in the library!**

### Colour marking of components

**Markers:** With the improvement, new colour markings of the components on the BOM were added and existing markers were adapted. The colour markers are used for easy identification and improved management of the components used in the BOM. For example, they indicate whether a component price has been manually adjusted or whether adjustments have been made to the unit price in the library. In principle, a component can have one or more colour markers. The following is an overview of all colour markers on the BOM.

- **NEW:** Green marker - price change in the library  
The green marker indicates that the unit price on the parts list no longer corresponds to the sales price in the library. The sales price has been adjusted in the library.
- **ADAPTED:** Orange marker - price change in the BOM  
The orange marker also indicates that the unit price of the BOM no longer matches the sales price of the library. In contrast to the green marker, the adjustment of the unit price on the BOM took place here.
- **NEW:** Red marker - disconnection from the library  
The red marker is used to indicate components disconnected from the library.
- Blue marker - Main component template.  
Components marked in blue have been added to the BOM by means of a main component template.
- Purple marker - Optional components  
Optional components are marked with the purple marker.

Further detailed information on the individual colour markers can be found in the section *Detailed information and notes on markers*.

### No automatic price updates

**Price updates:** In principle, automatic price updates are no longer carried out on the BOM. In the previous version, the prices were reloaded from the library each time the quantity of the components was adjusted. This behaviour was criticised by a large number of customers, as no price-consistent offers could be created or offers had to be checked for consistency.

Nevertheless, price updates can be made on the BOM. This is possible on the one hand per component and on the other hand for all components. Price updates can only be carried out for components marked green and/or orange.

## Detailed explanations of the new BOM

### Detailed information and notes on markers

**Details and notes:** The following table shows the different characteristics of the different colour markers.

Marker	Detailed information
Green marker	<p><b>Display:</b></p> <p>Components are highlighted in green when the sales price in the library has changed and it no longer matches the unit price in the BOM. Changes to the sales price are caused by adjustments to the cost price, the calculation surcharge, and the installation costs. Please note that the cost price, calculation surcharge or installation costs is only visible to users with the appropriate authorisation in the library.</p> <p><b>Notes:</b></p> <p>The green marker is currently only used for adjustments to the sales price in the library. However, with a future improvement, this function will be extended. Afterwards, it should also be possible to track adjustments to the price dependency, the price type, the repetitions, and the price definition by means of the green marker.</p> <p>If a green-marked component is added to the BOM again, the existing unit price from the BOM is used and the component is also marked in colour. Exceptions are cases where the added component falls into a different price break (see exception below).</p> <p><b>Price updates:</b></p> <p>There are no automatic price updates on the BOM. These must be triggered manually. <b>Exception:</b> If a quantity change on the BOM results in the quantity being in a different price break, the unit price of the corresponding price break is reloaded from the library.</p>
Orange marker	<p><b>Display:</b></p> <p>Components are highlighted in orange when the unit price on the BOM has changed, and it no longer matches the library sales price. Changes to the unit price are caused by adjusting the corresponding field on the BOM or by increasing the total price. If the newly set total price is higher than the quantity x unit price, an automatic adjustment of the unit price follows. However, if a lower unit price than quantity x unit price is set, no adjustment to the unit price takes place and accordingly the component is not marked orange! In this case, a discount is calculated on the corresponding component to reflect the lower total price.</p> <p><b>Notes:</b></p> <p>The orange marker indicates that the corresponding component is linked to the corresponding component in the library.</p> <p>If a component marked in orange is added to the BOM again, the existing unit price from the BOM is used and the component is also marked in colour.</p> <p><b>Price updates:</b></p> <p>There are no automatic price updates on the BOM. These must be triggered manually.</p>

Red marker	<p><b>Display:</b></p> <p>Components are highlighted in red if the link to the original library component has been completely broken or the component has been manually created on the BOM.</p> <p><b>Notes:</b></p> <p>The following adjustments cause a complete dissolution of the connection with the library component:</p> <ul style="list-style-type: none"> <li>- Adjustment of the name on the BOM</li> <li>- Adjustment of the price dependency in the library (Attention: red marker is only displayed after re-saving the component on the BOM).</li> </ul> <p>In addition, manually created components are always displayed with red marker on the BOM.</p> <p><b>Price updates:</b></p> <p>Price updates are not possible because the component is completely detached from the library or was created manually.</p>
Blue marker	<p><b>Display:</b></p> <p>Components are highlighted in blue if they have been added to the BOM using a Main Component Template. This applies to Main Components, Other Components and Recurring Costs.</p> <p><b>Notes:</b></p> <p>This function has not been customised. The colour marking is not exclusive, price can be overwritten manually for example (orange marker).</p> <p><b>Price update:</b></p> <p>Not affected by price updates unless there is additional colour marking. In case of additional markers, the corresponding documentation in this table applies.</p>
Purple marker	<p><b>Display:</b></p> <p>Components are highlighted in purple when they are optionally added to the BOM.</p> <p><b>Notes:</b></p> <p>This function has not been customised. The colour marking is not exclusive, price can be overwritten manually for example (orange marker).</p> <p><b>Price update:</b></p> <p>Not affected by price updates unless there is additional colour marking. In case of additional markers, the corresponding documentation in this table applies.</p>

General information    What happens if there are several identical components with different colour markers on the BOM?

- Principle: When adding again, the BOM price is copied. Currently, the parameters of the first available component are copied.
- If one of the already existing components is marked in orange, the newly added component is created identically, without taking into account any price breaks. This also happens if one of the already existing components is marked green.
- If one of the already existing components is marked green, the newly added component is created identically, taking into account any price breaks. This does not happen if one of the already existing components is marked orange.
- Components marked red cannot be added to the BOM again because no library component is linked.
- Blue and purple markings are ignored when adding again.

Are the colour markings exclusive?

The colour markings are usually not exclusive. A component can have different colour markings. Only red markings cannot be combined with orange and green markings.

## Do you have any further questions?

Do not hesitate to contact us. We will be happy to help you:

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