

eCAP invoice with order price per 100 pieces

Issue description:

There are purchase orders which state the price for a unit of 100 pieces. If this price is calculated at a unit price of 1 unit, this results in a price with 4 digits on the right side of the decimal dot/comma separator*. However, both the eCAP tool and BMW payments only support a price amount of up to 2 decimal digits.

The aim is that the total value of the eCAP invoice corresponds 100% to the price stated in the purchase order.

BMW-Suggestion:

1. Calculate the target net price:

Multiply the “total quantity” by the unit price with **4 decimal digits** (price per 100 pieces divided by 100) and round this net amount to **2 decimal digits**.

2. Enter your eCAP invoice:

Please note that in this tutorial we will only analyze the fields that are directly affected by order price for 100 units. You find detailed manuals on our [homepage](#) and on the eDocument Portal. We also recommend you having a look at the examples on this tutorial.

Line item 1:

Field “**Quantity**”: please enter the total quantity.

Field “**Unit Price**”: please enter the unit price rounded to two decimal digits.

If you need to send an eCAP invoice with VAT, please also enter the **tax rate** for the line item 1!

Line item 2:

Field “**Item Description**”: please include the reason for adding this line item.

Field “**Quantity**”: please enter 1

Field “**Unit Price**”: please enter the price difference of the target net price with 2 decimal digits minus the net price of line item 1.

If you need to submit an eCAP invoice with VAT, please also enter the **tax rate** for line item 2!

The purpose of adding line item 2 is to balance the price difference between the target net price and the net amount from line item 1.

Example without tax:

1. Calculate the target net price:

Multiply the order price for a unit with 4 decimal digits (€ 41.7269) by the total quantity (128). Round the amount down to 2 decimal digits (€ 5,341.04).

* In these both examples the decimal separator is a dot. On the eDocument Portal under your Login-Name, My Display Preferences, Numeric separator, you can change to comma if you want.

2. Enter your eCAP invoice:

Data from purchase order: price per 100 pieces € 4,172.69

Line item1:

Field **“Quantity”**: 128 pieces

Field **“Unit price”**: € 41.72 (rounded down to 2 decimal digits)

Field **“Net amount”**: € 5,340.16

Line item 2:

Field **“Item Description”**: order price per 100 pieces, unit price with 4 decimal places. The eCAP tool supports up to 2 decimal places. The addition of position 2 compensates for this rounding.

Field **“Quantity”**: 1

Field **“Unit Price”**: €0.88 (“Target net price” € 5,341.04 - “Net amount from line item 1” € 5,340.16)

The screenshot shows the 'Line Items' section with two rows of data. The first row has a quantity of 128.000, a unit price of 41.72, a net amount of 5,340.16, a tax rate of 0.00, a tax amount of 0.00, and a gross amount of 5,340.16. The second row has a quantity of 1.000, a unit price of 0.88, a net amount of 0.88, a tax rate of 0.00, a tax amount of 0.00, and a gross amount of 0.88. Below this is the 'Document Totals' section, which is highlighted with a red box. It shows an invoice currency of 'Select in...', a net amount of 5,341.04, a taxable amount of 5,341.04, a tax amount of 0.00, and a gross amount of 5,341.04.

*Quantity	*Unit Price	Net Amount	*Tax Rate	Tax Amount	Gross Amount	Tax Law Reference
128.000	41.72	5,340.16	0.00	0.00	5,340.16	Select
1.000	0.88	0.88	0.00	0.00	0.88	Select

Invoice Currency	Net Amount	Taxable Amount	Tax Amount	Gross Amount
Select in...	5,341.04	5,341.04	0.00	5,341.04

Example with tax:

Proceed according to the example without tax and add the tax rate for both line items.

Tax rate: 21 %

The screenshot shows the 'Line Items' section with two rows of data. The first row has a quantity of 128.000, a unit price of 41.72, a net amount of 5,340.16, a tax rate of 21.00, a tax amount of 1,121.43, and a gross amount of 6,461.59. The second row has a quantity of 1.000, a unit price of 0.88, a net amount of 0.88, a tax rate of 21.00, a tax amount of 0.18, and a gross amount of 1.06. Below this is the 'Document Totals' section, which is highlighted with a red box. It shows an invoice currency of 'Select in...', a net amount of 5,341.04, a taxable amount of 5,341.04, a tax amount of 1,121.61, and a gross amount of 6,462.65.

*Quantity	*Unit Price	Net Amount	*Tax Rate	Tax Amount	Gross Amount	Tax Law Reference
128.000	41.72	5,340.16	21.00	1,121.43	6,461.59	Standard Rate
1.000	0.88	0.88	21.00	0.18	1.06	Standard Rate

Invoice Currency	Net Amount	Taxable Amount	Tax Amount	Gross Amount
Select in...	5,341.04	5,341.04	1,121.61	6,462.65