Fix Price-by-Quantity Decimal and Separator Issues

Troubleshooting · https://wpfactory.com/docs/fix-price-by-quantity-separators/

To fix wrong decimals or separators in quantity pricing from Price by Quantity & Bulk Quantity Discounts for WooCommerce, set your separators at **WooCommerce > Settings > General**, check **Rounding** at **WPFactory > Product Price by Quantity > General**, and always type discount values with a dot, even in comma-decimal locales.

Symptoms

- Calculated prices show the wrong number of decimals.
- Discount amounts appear off because of comma versus dot formatting.
- A discount such as 2,5 behaves like 2, or percentages in the pricing table show a dot (for example `-12.5%`) while your prices use a comma.

How numbers work in the plugin

- Level **Min quantity** fields use a number input with a step of 1, so they take whole numbers.
- Level **Discount** fields use a step of 0.0001, entered with a dot as the decimal separator in the admin.
- Every level value is converted to a number when prices are calculated. Anything after a comma is dropped, so `2,5` is read as `2`.
- Prices (old price, new price, discount amount, totals) are formatted by WooCommerce using your currency settings, so the separators you see on the storefront follow WooCommerce, not a plugin option.
- Percent values and raw numbers are printed as plain numbers with a dot, because they are not prices. This applies to `%discount_percent%`, `%level_discount_percent%`, `%level_discount_amount%` and the percent discount row of the general pricing table.

Fix step by step

1. **Set WooCommerce currency formatting.** Go to **WooCommerce > Settings > General** and set the decimal separator, thousand separator, and **Number of decimals** to match your locale. These control how prices display.
2. **Check the Rounding option.** On **WPFactory > Product Price by Quantity > General** (also reachable at **WooCommerce > Settings > Product Price by Quantity**), the **Rounding** setting (`alg_wc_wholesale_pricing_round`, default Yes) rounds the calculated wholesale price to the WooCommerce "Number of decimals" value. Turn it off if you need the raw calculated figure.
3. **Enter admin values with a dot.** When typing discount values in the settings, use a dot for decimals (for example `1.5`), regardless of your site locale. Re-open any level you entered with a comma and correct it.
4. **Show whole-number percentages.** If decimals in percentages look out of place, use the rounded placeholder `%level_discount_percent_rounded%`, or add `add_percent_row_rounded="yes"` to the product pricing table shortcode.
5. **Use price placeholders for money.** In a table row format, use `%level_discount_amount_price%` instead of `%level_discount_amount%` so the amount follows your WooCommerce separators and currency symbol.
6. **Group large quantities.** To add a thousands separator to quantities shown in a table, use the `qty_thousand_sep` attribute on the table shortcode, for example `[alg_wc_product_ppq_table qty_thousand_sep=","]`.

Options that affect number formatting

Label	Where	Default	Free/Pro
Rounding (`alg_wc_wholesale_pricing_round`)	General	Yes	Free
Formula and shortcodes (`alg_wc_wholesale_pricing_process_formula`)	General	No	Free
Discount type (`alg_wc_wholesale_pricing_discount_type`)	All Products	Percent	Free

Label	Where	Default	Free/Pro
`qty_thousand_sep` shortcode attribute	Pricing table shortcodes	Empty (no separator)	Free

If it still looks wrong

- **Formula and shortcodes is on.** With this option enabled, the All Products level fields become plain text fields, so a comma is saved as typed and then cut off at the comma. Type values with a dot.
- **Rounding is off.** The cart item price is then set to the unrounded calculated value, which can carry more decimals than WooCommerce shows. Turn Rounding back on if cart figures look slightly off.
- **The table shows a percent with many decimals.** With a **Fixed** discount type, the percent is calculated from the price and shown with up to 2 decimals. Use the rounded placeholder.

FAQ

Does the plugin have its own decimal or thousand separator setting?

No. Prices use the separators from **WooCommerce > Settings > General**. The only separator the plugin adds is `qty_thousand_sep` for quantities in the pricing table shortcodes.

Why does my table show "-12.5%" when my prices use commas?

Percentages are not prices, so WooCommerce does not format them. They are printed as plain numbers with a dot. Use `%level_discount_percent_rounded%` to show a whole number instead.

Which placeholders follow my WooCommerce price format?

The price placeholders, such as `%old_price_single%`, `%new_price_single%`, `%new_price_total%` and `%level_discount_amount_price%`, are formatted by WooCommerce. See the Price by Quantity placeholders reference and the shortcodes guide. For other table problems, see fix Price-by-Quantity table display issues.



PRICE BY QUANTITY

These settings are free. Price by Quantity & Bulk Quantity Discounts for WooCommerce Pro adds quantity pricing per product category and tag, and grouping by product parent, category or tag in the quantity calculation.

See what Pro unlocks →

Still incorrect? Share your WooCommerce currency settings and an example with our team on the Price by Quantity support forum.

Related articles

- Fix Per-Tag and Per-Product Discount Display Issues
- How to Translate Price by Quantity Table and Plugin Strings
- Speed Up Price Updates When Changing Quantity
- Fix Discount Plugin Conflicts With Quantity Pricing
- Show Real-Time Price by Quantity on the Product Page