Bulk Price Editor: Developer Hooks and Filters Reference

Developers · https://wpfactory.com/docs/bulk-price-editor-hooks-filters/

Bulk Price Editor developer reference: filters and options

This reference lists the code hooks and stored options in the Price Update: Bulk Pricing Editor for WooCommerce. It is aimed at developers extending the plugin or reading its stored data. All names are taken directly from the source of Pro v2.0.4.

Filters

The plugin exposes four filters. Three shape the price math and product query; one is the internal Pro gate.

Filter	Arguments	Purpose
`alg_wc_bpc_round_price`	`$price`, `$round_function`, `$round_coef`	Rounds the modified price. Pro registers the default handler; without it, the Rounding function has no effect.
`alg_wc_bpc_pretty_price`	`$price`, `$threshold`	Applies the charm-price ("pretty prices") shaping. Runs only when the threshold is above 0.
`alg_wc_bpc_product_query`	`$args`, `$taxonomy`, `$terms`	Adds a tax query to the product `WP_Query` for tag and attribute filtering. Pro registers the default handler.

Filter	Arguments	Purpose
`alg_wc_bpc_settings`	`$value`, `$type`, `$args`	Internal Pro gate. Pro returns an empty string to enable the Pro fields; without Pro it returns the passed default (the `disabled` attribute or an upsell note).

How the price filters fire

Inside `Alg_WC_Bulk_Price_Converter_Core::change_price()`, after the arithmetic and before the final store rounding:

```
// Rounding (only when a rounding function is chosen)
if ( 'none' != $this->atts['round_function'] ) {
    $modified_price = apply_filters(
        'alg_wc_bpc_round_price',
        $modified_price,
        $this->atts['round_function'],
        $this->atts['round_coef']
    );
}
// ... round to woocommerce_price_num_decimals ...
// Pretty price (only when threshold > 0)
if ( $this->atts['pretty_prices_threshold'] > 0 ) {
    $modified_price = apply_filters(
        'alg_wc_bpc_pretty_price',
        $modified_price,
        $this->atts['pretty_prices_threshold']
    );
}
```

The Pro handler for `alg_wc_bpc_round_price` is simply:

```
function round_price( $price, $round_function, $round_coef ) {
    return $round_function( $price / $round_coef ) * $round_coef;
}
```

So `$round_function` is one of the PHP callables `round`, `floor`, or `ceil`, and the price is snapped to the nearest multiple of `$round_coef`.

Example: custom rounding to the nearest 0.95

To force all corrected prices to end in .95 regardless of the coefficient set in the UI:

```
add_filter( 'alg_wc_bpc_round_price', function( $price, $fn, $coef ) {
    return floor( $price ) + 0.95;
}, 20, 3 );
```

Example: extend the product query

The plugin passes tag and attribute filters through `alg_wc_bpc_product_query`. You can add your own conditions to the same `WP_Query` args:

```
add_filter( 'alg_wc_bpc_product_query', function( $args, $taxonomy, $terms ) {
    // Only touch published products, for example.
    $args['post_status'] = 'publish';
    return $args;
}, 20, 3 );
```

Stored options

Settings are plain options, read with `get_option()`. There are no custom tables.

Option	Default	Meaning
`alg_wc_bulk_price_converter_step`	`6`	Number of decimals; sets the step of the tool's number inputs (`1 / pow(10, value)`).
`alg_wc_bulk_price_converter_block_size`	`1024`	Products loaded per `WP_Query` page during a run.
`alg_wc_bulk_price_converter_time_limit`	`-1`	Seconds per query via `set_time_limit()`. `0` = no limit, `-1` = server default.
`alg_wc_bulk_price_converter_version`	current version	Tracks the installed version for the update routine.

How prices are written



BULK PRICE EDITOR

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The tool writes prices directly to post meta (`_price` , `_regular_price` , `_sale_price`) with `update_post_meta()` and then calls `wc_delete_product_transients()` . It does not go through the WooCommerce CRUD (`$product->set_price()`), so if you rely on the WooCommerce data store or the product meta lookup table, plan to resync after a large run. This is the mechanism to be aware of when reading prices your own integration depends on.

Need a hand?

For extension questions, our team answers on the Bulk Price Editor support forum.

Related articles

- Bulk Price Editor Will Not Activate or Appear
- Bulk Price Editor: Free vs Pro Comparison
- Bulk Price Editor for WooCommerce: Every Field Explained
- Getting Started: Install and Open the Bulk Price Editor
- How Bulk Price Changes Are Calculated (Order of Operations)