

# User Guide

*Prices Changer for Magento 2.x — Extmag\_Pricer*

2026-05-20

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# 1 About the module

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How often do you need to change the regular or special price for a group of products? With this module you can do it in a few clicks. You can filter the items by any product attribute, apply rule-based price formulas, schedule the change for any future date, and keep an append-only audit log of every price write.

Price-change safety is built on three layers:

1. All price-change operations run inside a transaction (atomic mode). On error the database itself rolls back the changes.
2. Before changing the price the module makes a backup of previous prices, so any apply can be rolled back later by an operator.
3. Every price write (manual, mass action, import, REST API, Pricer apply, Pricer rollback) is recorded in the Price Change Log with old / new value, admin user snapshot and source attribution.

## 1.1 Supported price types

1. Price
2. Special price
3. Cost
4. Minimum Advertised Price (MSRP)
5. Tier Price
6. Customizable Options
7. Attributes with type *Price*

## 1.2 Price-change formulas

- `null` — remove the price from the product.
- `20` — the entered number replaces the current price.
- `-20` — the price decreases by the specified number.
- `+20` — the price increases by the specified amount.
- `-10%` — the price decreases by the specified percentage.
- `+20%` — the price increases by the specified percentage.
- `max20` — number with a `max` prefix; the final price will be less than or equal to that number.
- `min20` — number with a `min` prefix; the final price will be greater than or equal to that number.

A formula can reference other price types via tokens: `{{price}}`, `{{special_price}}`, `{{cost}}`, `{{msrp}}`. A single Set can use several formulas (one per price type). All prices must be in the base currency.

### 1.2.1 Examples

#	Inputs	Formula	Result
1	price 80, cost 50	<code>{{cost}}</code> +150%	125
2	price 80, cost 50	<code>{{cost}}</code> +150% max110	110
3	price 80	-15%	65

## 1.3 What ships in this release

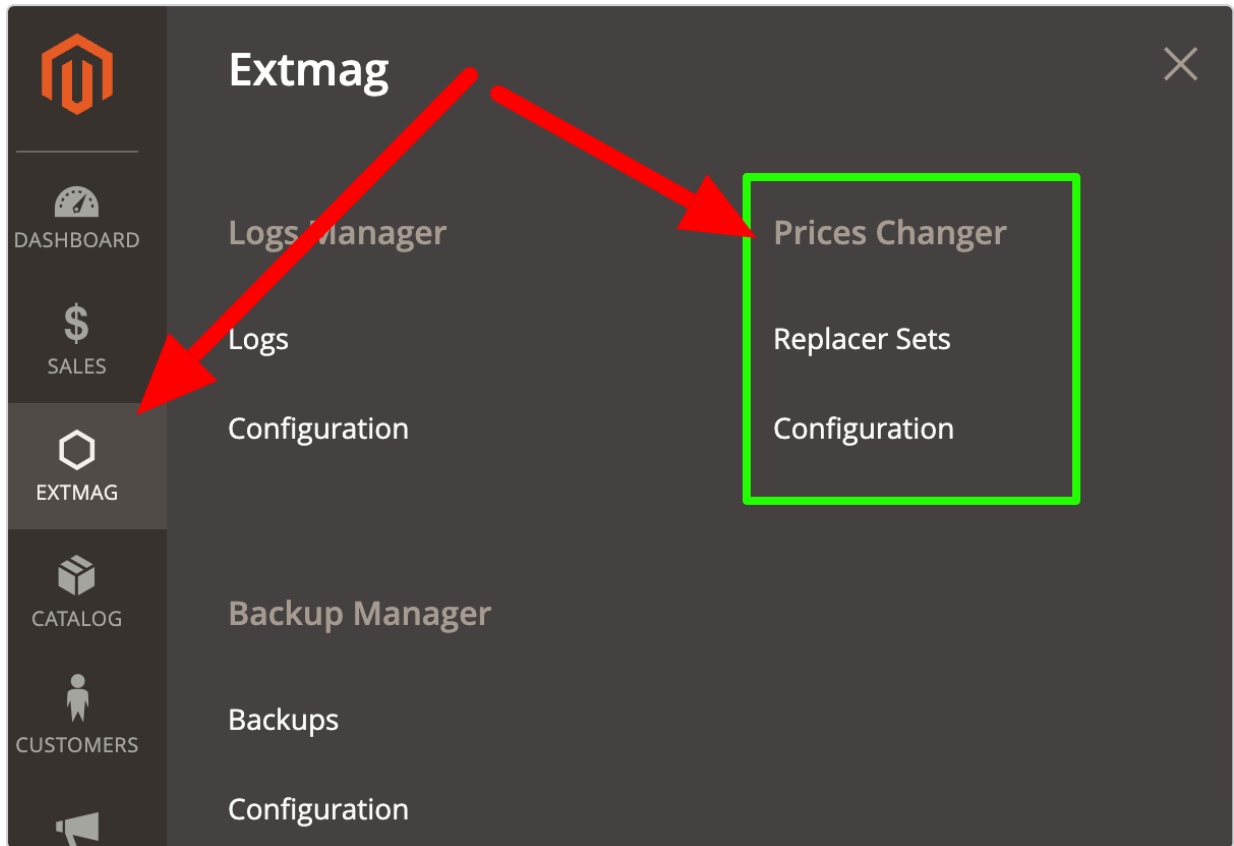
- **Pricer Sets** — rule-based price replacement with atomic apply and dump-based rollback.
- **Schedules** — reusable time-based apply / rollback definitions attached to N Sets via an M:N junction. Five firing types: `one_time`, `yearly`, `monthly`, `weekly`, `custom_cron`.
- **Price Change Log** — append-only audit row per (product, store, schedule, set) price write. Global grid, per-product fieldset, statistics page, retention cron.
- **Manual safety guards** — manual Apply / Rollback / Delete on a Set is blocked while an attached Schedule has a pending or active link.
- **Failure notifications** — email + admin inbox entry on cron failure.
- **Approximate count** on the Price Log grid for unfiltered queries — paging stays usable past millions of rows.

## 2 Admin navigation

Extmag → Prices Changer menu:

Item	Purpose
Replacer Sets	Sets grid + create / edit form.
Price Change Log	Global audit grid.
Price Log Statistics	Totals, sources, top admins / SKUs, storage footprint.
Schedules	Schedules grid + edit form (Run History, Set Status fieldsets).
Configuration	Stores → Configuration → Extmag → Prices Changer.

Each menu item has its own ACL resource ( `Extmag_Pricer::sets_index` , `Extmag_Pricer::price_log` , `Extmag_Pricer::schedules_view` , `Extmag_Pricer::config` ), so role assignment is granular.



*Admin menu — Prices Changer entry under Extmag*

## 3 Replacer Sets

---

A Set is a rule-based price definition. You choose which products it matches (via Rule conditions on any product attribute) and what new prices to write (formulas per price type). The Set has a status ( `pending` , `complete` , `failed` , `cancelled` ) and a backing dump table that the rollback action uses to restore prior prices.

Replacer Sets

Search 🔍 81 notifications 📢 admin 👤

[Add New Set](#)

Filters 📏 Default View 👁 Columns ⚙

Actions ▾ 2 records found 20 ▾ per page < 1 of 1 >

<input type="checkbox"/>	ID ↓	Title	Status	Created	Updated	Action
<input type="checkbox"/>	7	Change Price For Category Women Tops	Complete	Jun 28, 2022 5:59:06 PM	Jul 3, 2022 9:44:20 PM	<a href="#">Edit</a>
<input type="checkbox"/>	9	Change Price For Category Women Tops (duplicate)	Complete	Jun 28, 2022 5:59:06 PM	Jul 3, 2022 9:47:25 PM	<a href="#">Edit</a>

Replacer Sets listing grid

### 3.1 Creating a Set

Extmag → Prices Changer → Replacer Sets → Add New Set .

1. **General** — title, optional description.
2. **Conditions** — Magento Rule conditions tree. Filter products by any attribute or category, compose with AND / OR.
3. **Actions** — per price type, choose what to change and the formula. Empty means *do not touch this price type*.
4. **Websites / Store views** — under per-website Catalog Price Scope, choose which stores the new prices apply to. Under global scope this is implicit.

Save in `pending` status. The Set is now available to attach to one or more Schedules, or to apply manually via the per-row Apply button.

← Back

Delete

Duplicate

Pre-Apply

Title \*

Stores

Change price  Yes

Price value \*

For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special\_price}}, {{cost}}, {{msrp}}. Indicate in base currency

Change special price  Yes

Special Price value \*

For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special\_price}}, {{cost}}, {{msrp}}. Indicate in base currency

Change cost  Yes

Cost value \*

For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special\_price}}, {{cost}}, {{msrp}}. Indicate in base currency

Change msrp  Yes


Msrp value \*

For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special\_price}}, {{cost}}, {{msrp}}. Indicate in base currency.

## Conditions

Apply the rule only if the following conditions are met (leave blank for all items).

If **ALL** of these conditions are **TRUE** :

Category is 21, 23, 24, 25, 26 



Set edit form — formulas and conditions

Change custom options fixed price  Yes

Custom options fixed value \*

For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special\_price}}, {{cost}}, {{msrp}}. Indicate in base currency.

Change custom options percent price  Yes

Custom options percent value \*

For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special\_price}}, {{cost}}, {{msrp}}. Indicate in base currency.

*Custom options price section*

Attributes with the price type  Yes

Values for attributes with the price type

Attribute Code *	Price value
giftcard_arr	<input type="text"/>
	For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special_price}}, {{cost}}, {{msrp}}. Indicate in base currency.
open_amou	<input type="text"/>
	For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special_price}}, {{cost}}, {{msrp}}. Indicate in base currency.
open_amou	<input type="text"/>
	For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special_price}}, {{cost}}, {{msrp}}. Indicate in base currency.
gift_wrappi	<input type="text"/>
	For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special_price}}, {{cost}}, {{msrp}}. Indicate in base currency.
new_price_1	<input type="text" value="-5%"/>
	For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special_price}}, {{cost}}, {{msrp}}. Indicate in base currency.

*Per-attribute price values section*

### 3.2 Apply, Rollback, Delete

Action	What it does
Apply	Replaces every targeted product's price according to the Set's formula in one transaction.

Action	What it does
Rollback	Reverses every dump row written by a previous apply, returning prices to their prior values.
Delete	Removes the Set definition. Refused while any attached link is <code>pending</code> or <code>active</code> .
Mass delete	Same guard as above; failing rows are skipped with a summary message.

The pre-apply preview lists every targeted product together with the calculated new price for each price type:

## Prepared products

🔍 81 👤 admin

← Back Apply New Prices

✓ You saved the replacer set.

Filters
👁️ Default View
⚙️ Columns

784 records found
20 per page
1 of 40

ID ↓	Thumbnail	Name	SKU	Price	New Price	Special price	New Special price	Cost	New Cost	Msrp	New Msrp	Type
1035		Mona Pullover Hoodlie-XS-Green	WH01-XS-Green	37.000000	148.5	110.000000		99.000000	99	101.000000	101	Simple Product
1036		Mona Pullover Hoodlie-XS-Orange	WH01-XS-Orange	37.000000	148.5	110.000000		99.000000	99	101.000000	101	Simple Product
1037		Mona Pullover Hoodlie-XS-Purple	WH01-XS-Purple	37.000000	148.5	110.000000		99.000000	99	101.000000	101	Simple Product
1038		Mona Pullover Hoodlie-S-Green	WH01-S-Green	37.000000	148.5	110.000000		99.000000	99	101.000000	101	Simple Product

*Prepared products preview — old and new values per SKU*

### 3.3 Catalog Price Scope awareness

`is_price_global` is auto-stamped on Set save from the `Stores → Configuration → Catalog → Catalog → Price Scope` value at that moment. Changing Catalog Price Scope after Sets have been saved makes those Sets refuse to apply. You will see:

This set was created for another Catalog Price Scope.

Fix: either change the scope back, or recreate the affected Set under the new scope. The Schedule save form warns proactively when an attached Set disagrees with the current scope.

### 3.4 Manual block when a Schedule is attached

Manual Apply / Rollback / Delete is **rejected** while any attached link on the Set is in `pending` or `active` status. The error message lists the blocking schedule IDs.

To unblock: either cancel the Schedule (set `Enabled = No` and let the link drain), or detach the Set from the Schedule (Schedule edit → Attached Sets multiselect). The cron path bypasses the guard because it talks to the internal applier directly.

### 3.5 Active Schedules column

`Stores → Pricer → Replacer Sets` shows an `Active Schedules` count column linking back to the schedule grid. The count is computed via subquery on every render (sortable, no per-row N+1). It may lag by one cron tick — hard refresh the grid if the number looks stale.

## 4 Schedules

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A **Schedule** is a reusable timing definition that can be attached to any number of Pricer Sets through an M:N junction. Execution state lives on the (Set, Schedule) pair, never on the schedule itself, so a single *Black Friday* schedule can drive ten different Sets and each pair tracks its own status independently.

### 4.1 Where to find things in admin

Path	What it does
<code>Stores → Pricer → Schedules</code>	Top-level grid + create / edit form.
<code>Stores → Pricer → Replacer Sets</code>	<code>Active Schedules</code> count column linking back to the schedule grid.
<code>Stores → Configuration → Extmag → Prices Changer → Schedules</code>	Master enable, batch size, default timezone, failure notifications.

### 4.2 Schedule edit form

Fieldset	Fields	Notes
Schedule Type	<code>schedule_type</code>	Drives which extra fields below are required.
General	<code>title</code> , <code>is_enabled</code> , <code>timezone</code> , <code>server time display</code>	<code>is_enabled = 0</code> pauses the schedule without detaching attached Sets.
Apply	<code>apply_date</code> , <code>apply_time</code> , <code>day_of_week</code> , <code>day_of_month</code> , <code>cron_expression</code>	Visibility per <code>schedule_type</code> . Times are local in the timezone.
Rollback	<code>rollback_date</code> , <code>rollback_time</code> , <code>rollback_cron_expression</code>	All optional — leave empty to keep prices indefinitely.
Attached Sets	<code>attached_set_ids</code> multiselect	Currently active pairs cannot be detached — rollback on the Set first.
Set Status	<code>schedule_links</code> insertListing	Per-pair state, Reset action, last apply / rollback timestamps.
Run History	<code>schedule_runs</code> insertListing	Append-only audit of every firing scoped to this schedule.

### 4.3 Schedule types

Type	Triggers on
<code>one_time</code>	Single firing at <code>apply_date</code> <code>apply_time</code> in the schedule timezone.
<code>yearly</code>	Same <code>MM-DD HH:MM:SS</code> every year.
<code>monthly</code>	<code>day_of_month</code> every month — clamped to the last day of months that don't reach the requested day.
<code>weekly</code>	<code>day_of_week</code> (0 = Sunday, 6 = Saturday) every week.
<code>custom_cron</code>	5-field cron expression evaluated against the schedule timezone.

`apply_date` / `apply_time` are always required for non-cron types.

### 4.4 State machine (per (Set, Schedule) link)

```

pending  --apply success-->      active
pending  --apply exception-->    failed
active   --rollback success-->   completed
active   --rollback exception--> failed
active   --admin cancel + rollback--> cancelled (rollback executed)
active   --admin cancel only-->  cancelled (prices kept)
completed --recurring next firing--> pending (auto reset)
failed   --admin Reset action--> pending

```

Only `pending` and `active` states block manual operations. `completed` / `failed` / `cancelled` rows are history.

#### 4.4.1 Smart Reset

`Reset` on the Set Status grid picks the safe target status from the underlying Set. The per-row confirm dialog spells out the exact transition before the operator confirms.

Set status	Schedule has rollback?	Reset target
<code>pending</code>	n/a	Link → <code>pending</code> . Next apply firing runs.
<code>complete</code>	yes	Link → <code>active</code> . Next rollback firing undoes.
<code>complete</code>	no	Link → <code>completed</code> . No further action.

This prevents the historical foot-gun where `Reset` on a `complete` Set re-applied prices that had already been written.

## 4.5 Failure handling

- The link transitions to `failed` and records the trimmed error.
- A row goes into the `Run History` audit with status `failed` .
- The notifier sends an email and posts an admin inbox notice when *Notify on failure* is enabled and at least one recipient is configured.
- No automatic retry. The operator inspects the error in the `Run History` grid and uses the per-row **Reset** action.

## 4.6 Timezone and DST

`timezone` is an IANA identifier per schedule. `apply_date` and `apply_time` are interpreted as local times in that timezone, then converted to UTC for the cron index.

DST transitions are handled by PHP `DateTimeZone` . At spring forward / fall back boundaries the firing time may shift by  $\pm 1$  hour. Avoid scheduling between 02:00 and 03:00 in DST-

observing timezones when exact timing is critical. A 02:30 daily schedule on America/New\_York skips the day DST springs forward (no 02:30 exists) and fires once the day DST falls back (the second 02:30 wins).

## 5 Price Change Log

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Append-only audit trail of every product price change. Records SKU, store, price type, old / new value, currency, source, admin user snapshot, timestamp. Browsable as a paginated grid in the Magento admin and as an embedded fieldset on each product edit page.

### 5.1 Configuration

Stores → Configuration → Extmag → Prices Changer → Price Change Log .

Field	Default	Notes
Enable Price Change Log	No	Master switch. Off = no writes and cleanup cron does not run.
Tracked Price Types	scalar , tier , custom_option , custom_price	Multiselect. Anything not selected is skipped at write time.
Tracked Scalar Fields	price , special_price , cost , msrp	Empty multiselect = all fields. Only matters when scalar is among tracked types.
Cron Cleanup	Do not clean	Daily 03:00 cron deletes rows older than the chosen window (1 / 2 / 3 / 4 / 5 years).

### 5.2 Where to view

Page	URL
Global grid	Extmag → Prices Changer → Price Change Log
Per-product fieldset	Product edit page → Price Change Log collapsible
Statistics page	Extmag → Prices Changer → Price Log Statistics

The grid supports filter row, sorting on indexed columns, pagination, bookmarks and a Columns control to toggle hidden columns ( entity\_id , Source Reference , price\_meta ).

### 5.3 What gets captured

- Admin product edit (single product) — tagged `manual`.
- Admin *Update Attributes* mass action — `manual` ( `source_ref = 'mass_update_attributes'` ).
- Pricer Set apply — `pricer` ( `source_ref = <set_id>` ).
- Pricer Set rollback — `pricer_rollback`.
- CSV product import (native Magento ImportExport) — `import`.
- REST bulk tier price storage — `api` ( `source_ref = 'tier_price_storage'` ).
- REST `/V1/products/{sku}/tier-prices/...` — `api`.
- Async REST — `api` ( `cli` when run from CLI consumer).
- CLI / cron via service contracts — `cli`.
- Unidentified context — `system`.

GraphQL mutations are not captured — catalog GraphQL is read-only for prices in CE / EE. Direct SQL writes by third-party modules / migrations bypass the log entirely.

## 5.4 Disabling without losing data

Setting *Enable Price Change Log* = No stops writes immediately and disables the cleanup cron. Existing rows stay until the operator re-enables the feature or truncates the table manually.

# 6 Price-changing results on the front end

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After Apply, the new prices replace the configured price types on the storefront for all matching products, scoped per the Catalog Price Scope at the time the Set was saved. After Rollback (manual or scheduled), the prices return to the values captured in the Set's dump table.

When the Price Change Log is enabled, every storefront-visible change is traceable in the global grid and in the per-product fieldset on the product edit page.

## 6.1 Worked example — *Sale -50%*

A single Set named *Sale -50%* with `-50%` in every price-type formula:

**Title \***

**Stores**  ▼

**Change price**  Yes

**Price value \***   
 For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special\_price}}, {{cost}}, {{msrp}}. Indicate in base currency

**Change special price**  Yes

**Special Price value \***   
 For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special\_price}}, {{cost}}, {{msrp}}. Indicate in base currency

**Change cost**  Yes

**Cost value \***   
 For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special\_price}}, {{cost}}, {{msrp}}. Indicate in base currency

**Change msrp**  Yes













**Msrp value \***   
 For example: 0, 20, -20, -10%, +20, +20%, min20, max20. If you specify "null" that value will be nulled (removed). It can use other price types in the formula. Accessed prices types: {{price}}, {{special\_price}}, {{cost}}, {{msrp}}. Indicate in base currency.

*Sale -50% Set configuration*



Prices on the category page before the Set is applied:

# Jackets

Shopping Options

- STYLE 
- SIZE 
- CLIMATE 
- COLOR 
- ECO COLLECTION 
- ERIN RECOMMENDS 
- MATERIAL 
- NEW 
- PATTERN 
- PERFORMANCE FABRIC 
- PRICE 
- SALE 

  12 Items

Sort By Position  



Olivia 1/4 Zip Light Jacket  
As low as **\$77.00**

XS S M L  
XL  




Juno Jacket  
★★★★★ 3 Reviews  
As low as **\$77.00**

XS S M L  
XL  




Neve Studio Dance Jacket  
★★★★★ 3 Reviews  
As low as **\$69.00**

XS S M L  
XL  




Nadia Elements Shell  
★★★★★ 3 Reviews  
As low as **\$69.00**

XS S M L  
XL  


Compare Products

You have no items to compare.

My Wish List

You have no items in your wish list.



Jade Yoga Jacket  
★★★★★ 3 Reviews  
As low as **\$32.00**

XS S M L  
XL  




Adrienne Trek Jacket  
★★★★★ 2 Reviews  
As low as **\$57.00**

XS S M L  
XL  




Inez Full Zip Jacket  
★★★★★ 3 Reviews  
As low as **\$59.00**

XS S M L  
XL  




Riona Full Zip Jacket  
★★★★★ 3 Reviews  
As low as **\$60.00**

XS S M L  
XL  




Ingrid Running Jacket  
★★★★★ 2 Reviews  
As low as **\$84.00**

XS S M L  
XL  




Augusta Pullover Jacket  
★★★★★ 3 Reviews  
As low as **\$57.00**

XS S M L  
XL  




Josie Yoga Jacket  
★★★★★ 4 Reviews  
As low as **\$56.25**

XS S M L  
XL  




Stellar Solar Jacket  
★★★★★ 3 Reviews  
As low as **\$75.00**

S M L  


Show 12 per page

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*Storefront category page — before the Sale -50% apply*

After the Set is applied — the same products at half price:

# Jackets

### Shopping Options

- STYLE
- SIZE
- CLIMATE
- COLOR
- ECO COLLECTION
- ERIN RECOMMENDS
- MATERIAL
- NEW
- PATTERN
- PERFORMANCE FABRIC
- PRICE
- SALE



12 Items

Sort By Position



Olivia 1/4 Zip Light Jacket  
As low as **\$38.50**



Juno Jacket  
★★★★★ 3 Reviews  
As low as **\$38.50**



Neve Studio Dance Jacket  
★★★★★ 3 Reviews  
As low as **\$34.50**



Nadia Elements Shell  
★★★★★ 3 Reviews  
As low as **\$34.50**



### Compare Products

You have no items to compare.

### My Wish List

You have no items in your wish list.



Jade Yoga Jacket  
★★★★★ 3 Reviews  
As low as **\$16.00**



Adrienne Trek Jacket  
★★★★★ 2 Reviews  
As low as **\$28.50**



Inez Full Zip Jacket  
★★★★★ 3 Reviews  
As low as **\$29.50**



Riona Full Zip Jacket  
★★★★★ 3 Reviews  
As low as **\$30.00**



Ingrid Running Jacket  
★★★★★ 2 Reviews  
As low as **\$42.00**



Augusta Pullover Jacket  
★★★★★ 3 Reviews  
As low as **\$28.50**



Josie Yoga Jacket  
★★★★★ 4 Reviews  
As low as **\$28.13**



Stellar Solar Jacket  
★★★★★ 3 Reviews  
As low as **\$37.50**



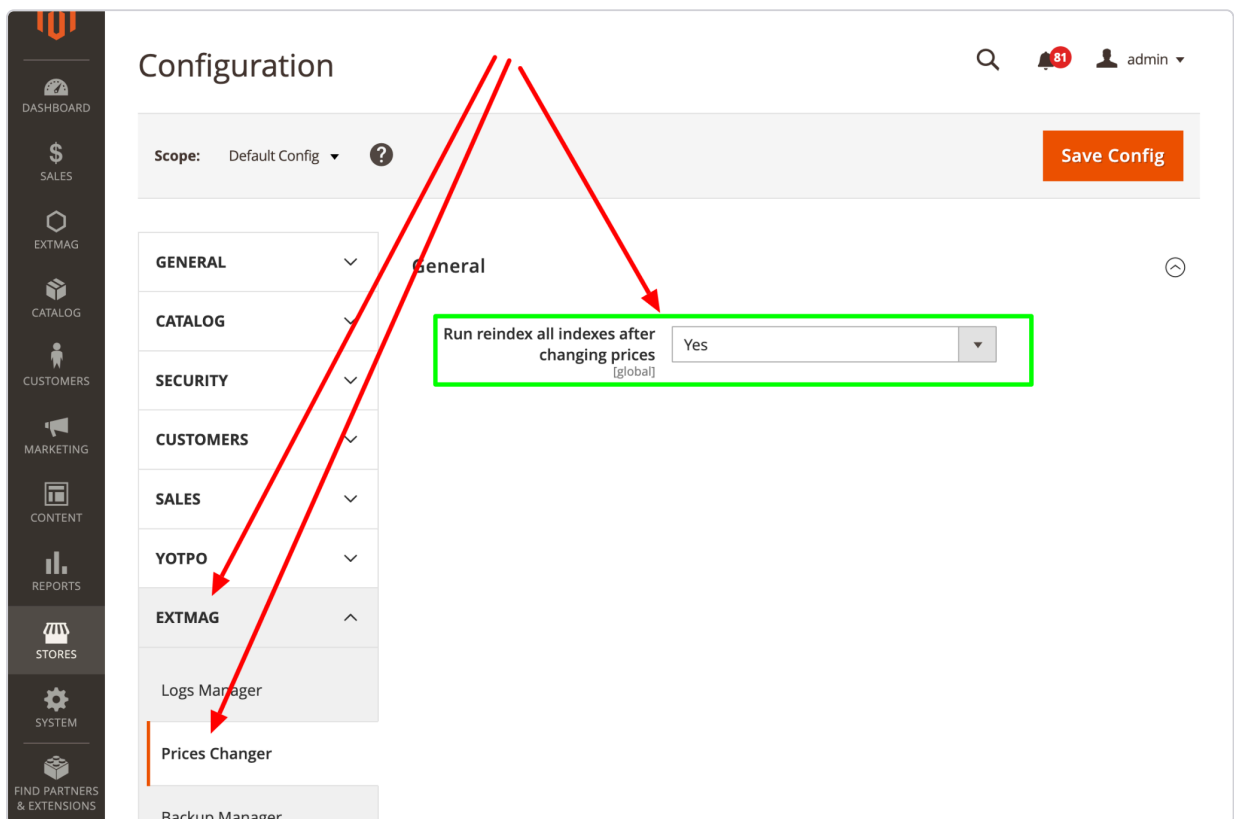
Show 12 per page

Storefront category page — after the Sale -50% apply

A Rollback on the Set restores the *before* state from the dump table.

## 7 Module configuration

Stores → Configuration → Extmag → Prices Changer hosts every module setting, grouped into *General*, *Developer Settings*, *Price Change Log* and *Schedules*. The most-used switch is the General → *Reset indexes after changing prices* toggle:



System configuration — General group

See the *Installation Guide* and *Reference Manual* for the full configuration matrix.

## 8 Troubleshooting

### 8.1 This set was created for another Catalog Price Scope.

**Trigger.** A Schedule fires apply on a Set whose `is_price_global` flag does not match the current Catalog Price Scope.

**Fix.** Either change Catalog Price Scope back, or recreate the affected Set under the new scope. Sets in `complete` status are not editable — clone the Set, attach the schedule to the clone.

## 8.2 Failed (Set, Schedule) link

A link can land in `failed` or `cancelled` status after a per-pair exception.

- **Find it.** Stores → Pricer → Schedules → <edit> → Set Status grid.
- **Reset.** Per-row Reset. The confirm dialog spells out the exact transition.

If the underlying error needs a code fix, fix that first — Reset alone will requeue and fail again.

## 8.3 Cron fires but nothing happens

- Confirm *Enable Schedule Cron* = Yes under Stores → Configuration → Extmag → Prices Changer → Schedules .
- Confirm cron is running: `bin/magento cron:status` .
- Check `var/log/cron.log` for `extmag_pricer_schedule_runner` entries.
- Failure rows are also visible in the Run History grid on the schedule edit page.

## 8.4 Manual Apply / Rollback blocked

Blocked when an attached schedule has a `pending` or `active` link on the same Set. The error message lists the blocking schedule IDs.

**Fix.** Either cancel the schedule (set *Enabled* = No and let the link drain), or detach the Set from the schedule. The block exists so cron and operator do not race.

## 8.5 Schedule edit refuses to save with “is required”

- `Apply date` / `Apply time` — required for all types except `custom_cron` .
- `Cron expression` — required for `custom_cron` .
- `Day of week` — required for `weekly` (0 = Sunday, 6 = Saturday).
- `Day of month` — required for `monthly` (1–31). Months shorter than the chosen day clamp to last day.

## 8.6 Failure notification email never arrives

- *Notify on Failure* must be Yes.

- *Notification Recipients* must be a comma-separated valid address list.
- Magento mail transport must be configured.

## 8.7 DST and missed firings

02:30 daily on America/New\_York skips the day DST springs forward and fires once the day DST falls back (the second 02:30 wins). If cron tick missed the moment (e.g. cron was down for an hour), the runner re-queues on the next tick. For one\_time schedules, the missed window is still fired on the next tick — the link does not silently drop.

## 8.8 Memory exhausted on apply

Lower *Batch Size* under Stores → Configuration → Extmag → Prices Changer → Schedules from the default. The runner streams products in chunks of this size.

## 8.9 Multi-website / multi-store

Pricer Sets respect Catalog Price Scope. Global scope writes to `store_id = 0`; per-website scope writes per attached store. The Schedule cron driver does not iterate stores — it triggers the applier once per (set, schedule) pair and the applier itself fans out across the Set's selected stores / websites.