

Gift Card

[Custom gift-card product](#) • [Personalised designs](#) • [Cart & checkout redemption](#) • [Wallet](#) • [Luma + Hyvä](#)

A complete gift-card solution for Magento 2 / Adobe Commerce. Shoppers buy a personalised gift card — preset or open amount, virtual or printed, with a design, message and scheduled delivery — and recipients redeem the balance in the cart or on the checkout page. Store owners manage cards, codes and designs from the admin, and customers track their balance in a wallet.

ETechFlow_GiftCard • Module Documentation & User Guide

Compatible with Magento / Adobe Commerce 2.4.6 – 2.4.9 • PHP 8.1 – 8.4 • Part of the Etechflow Suite

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1 • Overview

1.1 What the module does

ETechFlow Gift Card adds a full **gift-card programme** to your store. It introduces a dedicated **Gift Card** product type that shoppers personalise on the product page — choosing an amount (a preset or their own), a card type (virtual e-mail, printed, or combined), a design, a personal message and even a scheduled delivery date. When the order is placed the module issues a unique gift-card code, emails it to the recipient, and lets them spend the balance on your store. Recipients redeem their code in the cart or on the checkout page, the balance is drawn down against the order total, and every card, code, design and transaction is managed from the admin.

1.2 Highlights

- **Gift Card product type** — a native product type with per-product amount, card-type and expiry overrides.
- **Open or preset amounts** — offer fixed denominations, a customer-defined amount within a min/max, or both.
- **Personalisation** — design picker, custom image upload, From / Recipient / message, and a scheduled delivery date with timezone.
- **Multi-recipient / bulk gifting** — send one card line to many recipients, optionally via CSV upload.
- **Cart & checkout redemption** — recipients apply their code in the cart or directly in Hyvä Checkout; the balance reduces the order total.
- **Customer wallet** — a “My Gift Cards” account page with balances and a transaction history; optional store-credit conversion.
- **Admin management** — Gift Card Accounts grid, a pre-generated Code Pool, and reusable Card Designs.
- **Transactional emails** — delivery-to-recipient, buyer confirmation and expiration-reminder templates.
- **Theme-agnostic** — renders on both Luma and Hyvä; **licensed** via the eTechFlow portal.

1.3 Compatibility matrix

Area	Supported
Magento / Adobe Commerce	2.4.6 – 2.4.9 (verified on 2.4.8)
PHP	8.1 – 8.4
Themes	Luma & Hyvä (incl. Hyvä Checkout)
Store-credit conversion	Adobe Commerce only (needs Magento_CustomerBalance)
Licensing	eTechFlow license-service (SP / HMAC / Bundle keys)

2 • Architecture

2.1 The modules

The solution ships as three modules: **ETechFlow_GiftCard** (the core — product type, admin, redemption, emails, licence), **ETechFlow_GiftCardHyva** (Hyvä storefront + Hyvä Checkout redemption component) and **ETechFlow_GiftCardGraphQL** (headless support). The core package is `etechflow/module-gift-card`.

2.2 How it works

- **Gift Card product** — a custom product type (`etechflow_giftcard`) whose price is the chosen amount; it carries no physical stock.
- **Issuance** — on order placement a gift-card **account** is created for each recipient, given a unique code, and (for virtual/combined cards) emailed immediately or on its scheduled delivery date via a cron job.
- **Redemption** — a recipient applies the code to their quote; a totals collector draws the balance down against the grand total, and the card is debited once, atomically, when that order is placed.

- **Storage** — dedicated tables hold accounts, the code pool, designs, recipient rows and a transaction ledger (etechflow_giftcard_account, ..._pool_code, ..._design, ..._recipient, ..._transaction, ..._quote).

2.3 The single licence chokepoint

Everything pivots on `LicenseValidator::isValid()`, folded into `Config::isEnabled()`. When the store is unlicensed (or the admin toggle is off) the gift-card form simply does not render on the product page, the redemption fields disappear, and issuance stops — a clean, silent disable. With a valid licence the module behaves exactly as documented here.

3 • Installation & Setup

3.1 Install & enable

Distributed via the private eTechFlow Composer repository; your licence key doubles as the download token. From your Magento project root:

```
composer config repositories.etechflow composer
https://license-service.etechflow.com/composer

composer config http-basic.license-service.etechflow.com you@example.com SP-XXXX-XXXX-XXXX-XXXX

composer require etechflow/module-gift-card

bin/magento module:enable ETechFlow_GiftCard ETechFlow_GiftCardHyva
ETechFlow_GiftCardGraphQL

bin/magento setup:upgrade

bin/magento setup:di:compile # production mode only

bin/magento cache:flush
```

3.2 Where it lives

Action	Path
Gift-card accounts	Sales → Gift Cards → Gift Card Accounts
Pre-generated codes	Sales → Gift Cards → Code Pool
Card designs	Sales → Gift Cards → Card Designs
Configuration	Stores → Configuration → ETECHFLOW → Gift Card
Storefront product	Any product of type "Gift Card"
Customer wallet	My Account → My Gift Cards

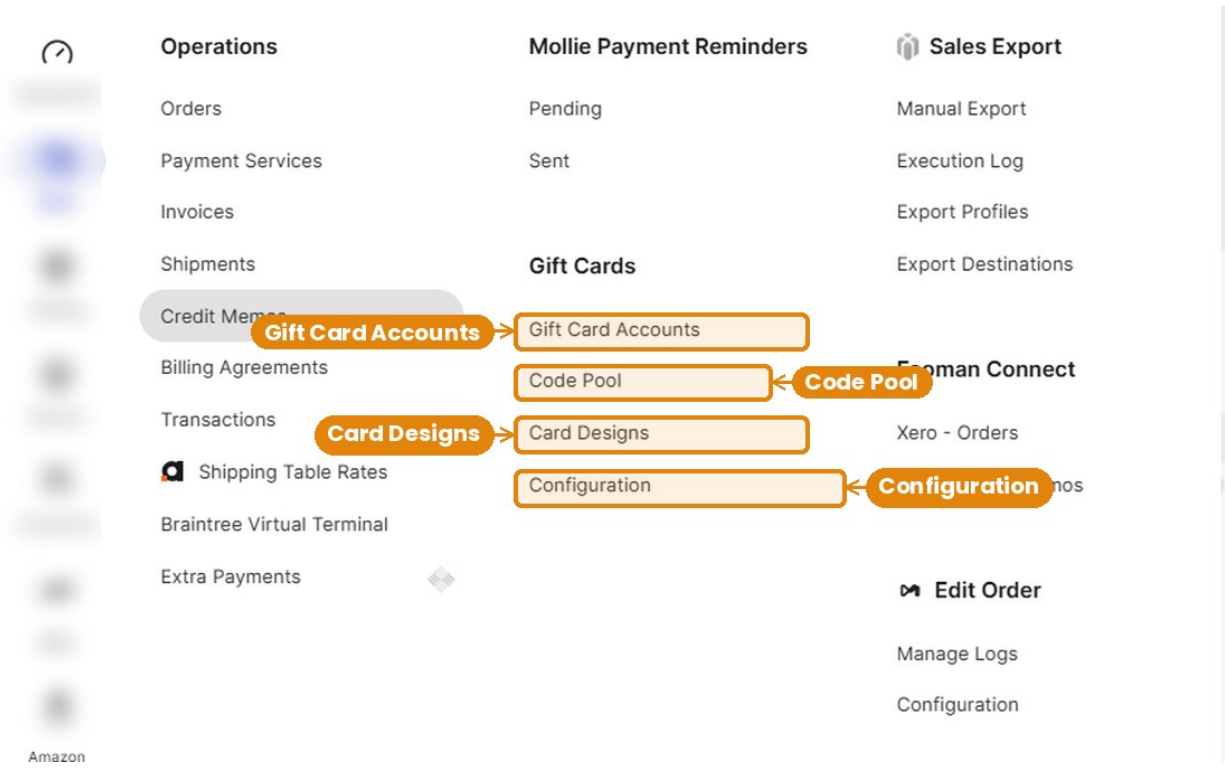


Figure 1 — Sales → Gift Cards: the module adds Gift Card Accounts, Code Pool, Card Designs and Configuration to the Sales menu.

4 • Creating a Gift Card Product

A gift card is sold like any other product — it is simply a new product **type**. In **Catalog → Products**, use **Add Product → Gift Card**. The example below shows a saved “Test Gift Card” (ID 5412) of type Gift Card.

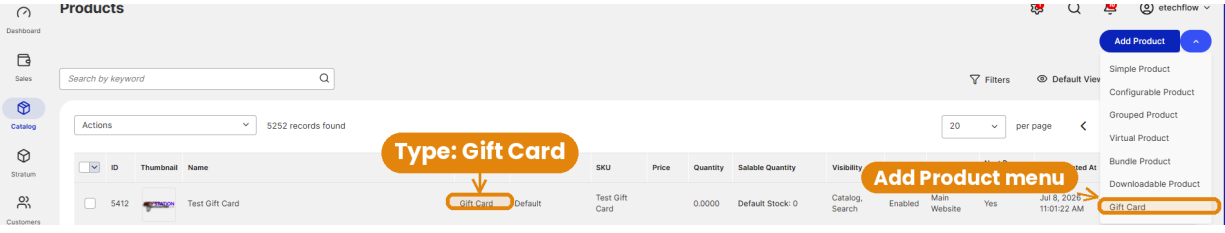


Figure 2 — Catalog → Products: choose “Gift Card” from the Add Product menu; saved gift cards appear in the grid with Type = Gift Card.

4.1 General fields

The top of the form is standard Magento: give the card a **Product Name** and **SKU**, set **Enable Product = Yes**, pick an **Attribute Set**, and assign a **Category / Visibility** so shoppers can find it. A gift card needs no quantity — it is not stock-managed.

The screenshot shows the 'New Product' form with several fields. Three orange callout boxes highlight specific fields: 'Enable Product = Yes' points to the 'Enable Product' radio button, 'Product Name' points to the 'Product Name' text input, and 'SKU' points to the 'SKU' text input. Other visible fields include 'Next Day Eligibility', 'Page complete', 'Attribute Set', 'Google Product Category', 'Sync to Meta', 'Quantity', 'Stock Status', 'Categories', and 'Visibility'.

Figure 3 — the New Product form: Product Name, SKU and Enable Product, exactly as any other product.

4.2 Gift Card Information (per-product settings)

The **Gift Card Information** panel is where the product-specific options live. These **override** the store defaults for this one product (leave a field blank to inherit the global Configuration):

- **Preset Amounts** — comma-separated denominations, e.g. 25 , 50 , 100 , 250. Leave empty to offer only an open amount.
- **Allow Customer-Defined (Open) Amount** — lets the shopper type their own value.
- **Open Amount Minimum / Maximum** — the bounds for a customer-defined amount (here £5 - £500).
- **Allowed Card Types** — restrict this product to Virtual (email), Printed (post) and/or Combined; empty inherits the store setting.
- **Lifetime Override (days)** — override the global expiry lifetime for cards sold from this product (0 = inherit).

The screenshot shows the 'Gift Card Information' panel expanded. It contains several fields with orange callout boxes: 'Preset Amounts' points to the text input, 'Open amount + min/max' points to the 'Allow Customer-Defined (Open) Amount' toggle and the 'Open Amount Minimum' and 'Open Amount Maximum' inputs, 'Allowed Card Types' points to the list of options (Virtual (email), Printed (post), Combined (email + post)), and 'Lifetime Override' points to the 'Lifetime Override (days)' input. The 'Allow Customer-Defined (Open) Amount' toggle is set to 'Yes'.

Figure 4 — the Gift Card Information panel: preset amounts, open-amount toggle with min/max, allowed card types and a lifetime override.

Figure 6 — Gift Card Code Pool: 100 codes generated into the “default” set, ready to be assigned to future cards.

5.3 Card Designs

Card Designs are the artwork shoppers pick on the product page. Each design has a **Name**, an **Occasion** (e.g. birthday, christmas, generic), a **Design Image**, a **Status** and a **Position** that controls its order in the storefront picker.

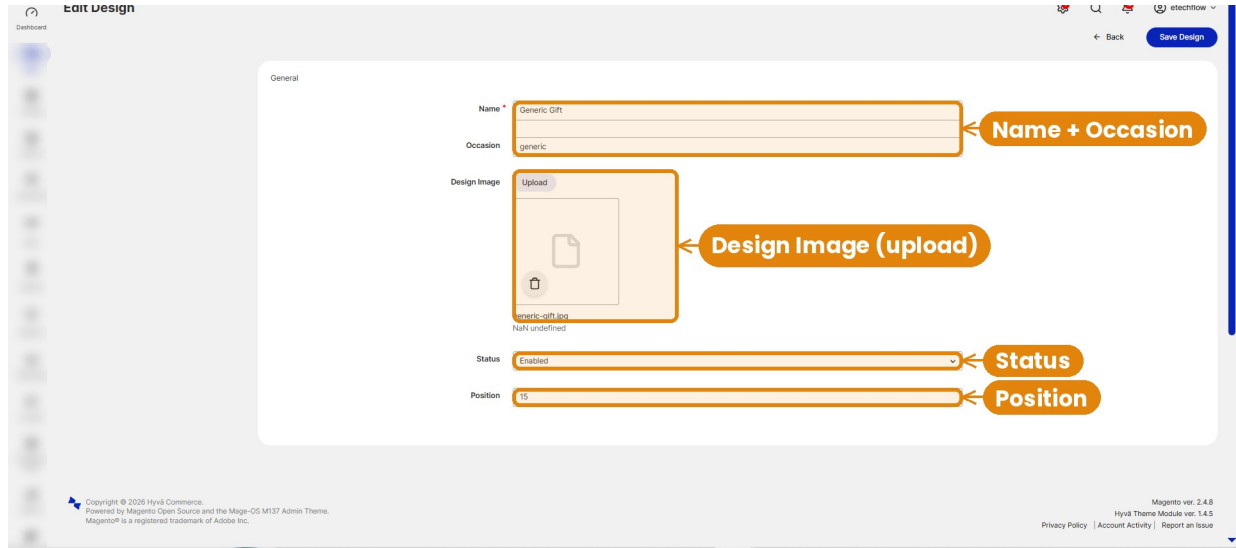


Figure 7 — editing a Card Design: name, occasion, uploaded image, enabled status and sort position.

6 • Storefront: Buying a Gift Card

On the storefront the gift-card product shows a personalisation form beside the price. The shopper sets an amount, optionally picks a design or uploads their own image, fills in who it is for, writes a message, and chooses when it should arrive.



£6.00
Excl. VAT: £5.00

Earn 10 Reward Points
In Stock

Product Code: Test Gift Card

Amount → Amount
0

Upload Your Own Image
Choose File No file chosen

From → From
Recipient Name → Recipient Name

Recipient Email → Recipient Email

Personal Message → Personal Message

Delivery Date + Timezone → Delivery Date
mm/dd/yyyy
Timezone
Asia/Karachi

Bulk gifting → Send to multiple recipients (bulk gifting)

1 ADD TO BASKET

Select Make
Select Model
Select Year
Select Parts Required

FIN

Registration search results are...

WHAT CUSTOMERS SAY
★★★★★ 4.8 out of 5
"I visited Keystation today and resolved the problem within minutes. Brilliant service and again."

Brian O.
Verified Buyer

SAME DAY
CLICK & COLLECT
Order online & collect

FIND ST

Figure 8 — the storefront gift-card form: Amount, image upload, From / Recipient Name / Recipient Email, Personal Message, Delivery Date + Timezone and the bulk-gifting option.

6.1 Choosing a design

When the store has active Card Designs (Section 5.3), a **Choose a Design** gallery appears. The selected design is shown to the recipient in the delivery email; shoppers can also **Upload Your Own Image** instead.

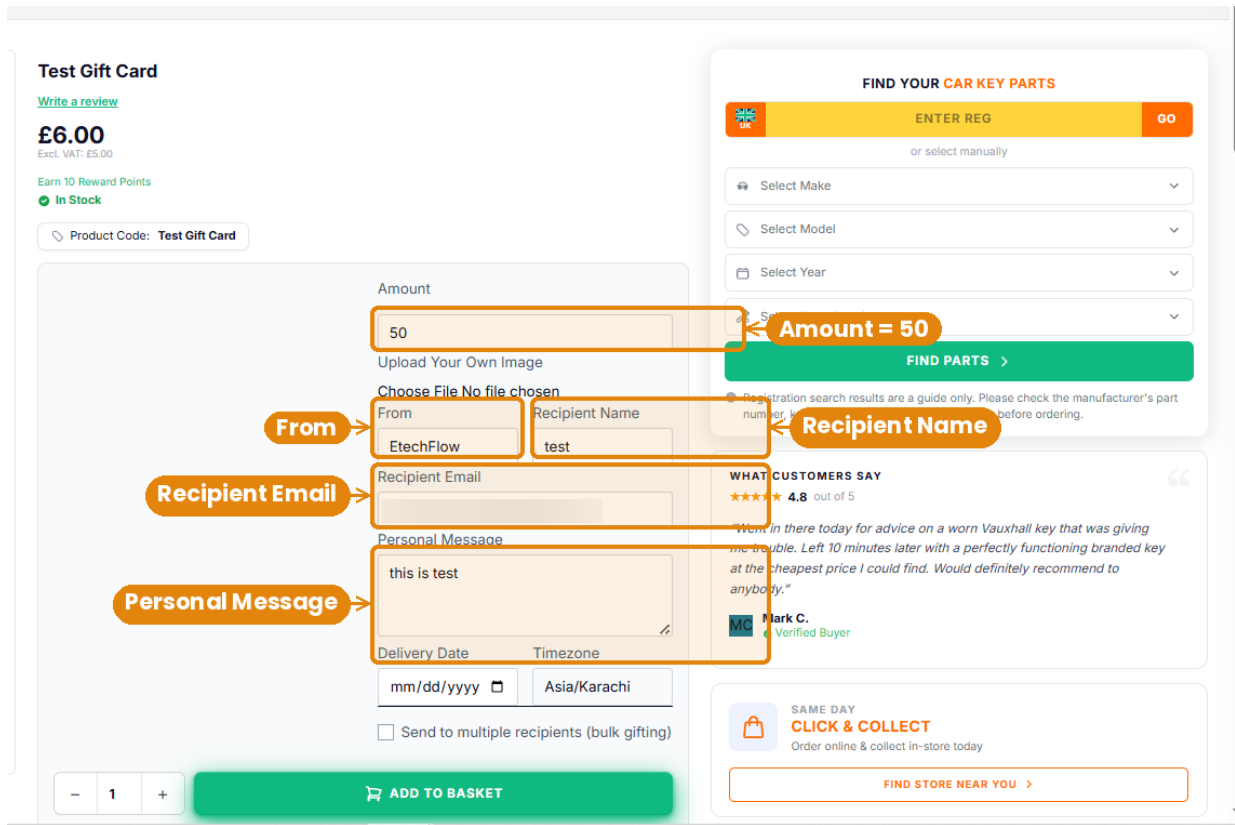


Figure 10 — the completed form: £50 amount, sender “EtechFlow”, recipient name and email, and a personal message.

6.3 Order confirmation

After payment the shopper sees the usual order-success page. The gift-card code is generated at this point; the recipient receives their delivery email (immediately, or on the scheduled delivery date), and — with the Buyer Confirmation email enabled — the buyer receives a purchase confirmation.

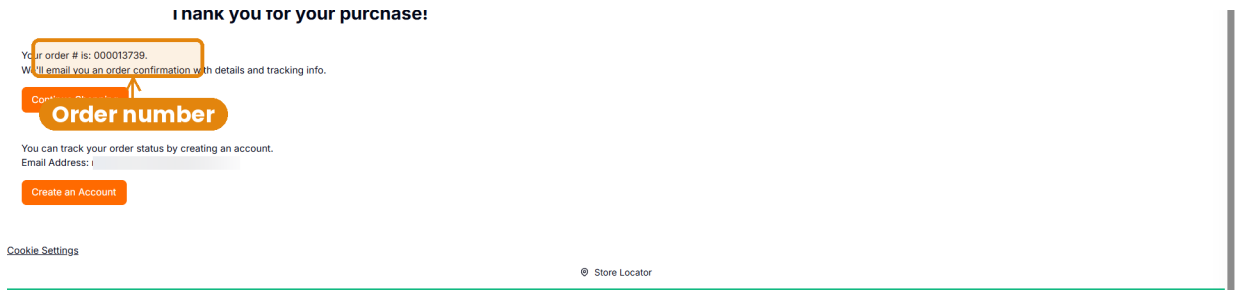




Figure 11 — the order-success page after a gift-card purchase (order 000013739).

7 • Redeeming & Tracking a Balance

7.1 Redeeming in the cart or checkout

Recipients spend their balance by entering the code in the **Apply Gift Card** field — available both in the cart and, on Hyvä Checkout, in the Order Summary. It sits just below the discount-code box and is clearly labelled so a gift-card code is never mistaken for a coupon. Applying the card **reduces the grand total**; if the card covers the whole order the total drops to £0.00 and no payment is required.

 Cart (1 Item) 

 Apply Discount Code 

 Apply Gift Card 

Have a gift card? Enter the code here — not in the discount code box above.

Gift card FQV9-29WN-SZYY-
Y7JK

Remove

£50 card applied

Enter gift card code

APPLY

You Earn

10 Reward Points

Subtotal

£30.24

Figure 12 — Hyvä Checkout: the Apply Gift Card field with a £50 card applied, taking the £30.24 order to a £0.00 grand total.

Important

A gift card is not a coupon. Enter the code in the **Apply Gift Card** box, not the “Apply Discount Code” box above it — the discount box only accepts sales-rule coupons and will reject a gift-card code. The balance applies to the whole order, including shipping and tax.

7.2 The customer wallet

Signed-in customers track their cards under **My Account** → **My Gift Cards**. They can **add a code to their wallet**, see each card’s **Balance**, **Status** and **Expiry**, and review a **Transaction History**. Where store credit is available (Adobe Commerce), a remaining balance can be converted to store credit.

My Gift Cards

Code	Balance	Status	Expires
FQV9-29WN-SZYY-Y7JK	£50.00	Active	Never

Figure 13 — the customer “My Gift Cards” wallet: add-a-code box, the card’s live balance (£50.00, Active, never expires) and transaction history.

8 • Configuration Reference

Global defaults live at **Stores** → **Configuration** → **ETECHFLOW** → **Gift Card** (etechflow_giftcard). Every setting is store-view scoped, and each is wired to the storefront — changing it changes the product page or behaviour immediately (per-product settings, Section 4.2, take precedence).

8.1 General & Code Generation

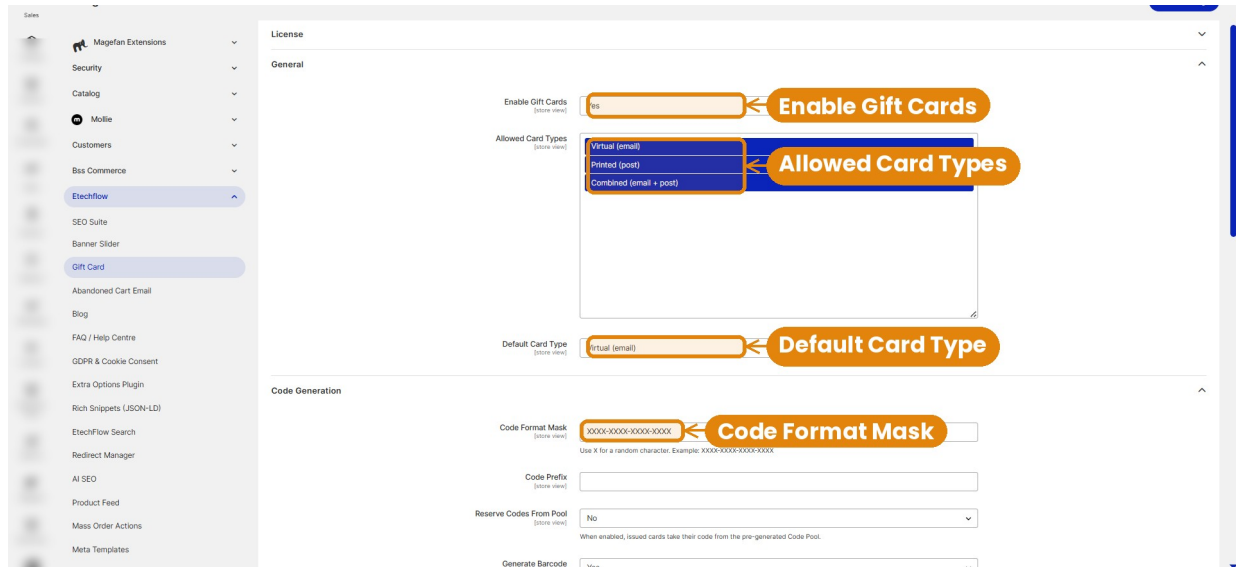


Figure 14 — General (Enable, Allowed Card Types, Default Card Type) and Code Generation (format mask, prefix, pool, barcode).

Setting	Default	Purpose
Enable Gift Cards	Yes	Master switch. No → the gift-card form and redemption fields disappear store-wide.
Allowed Card Types	Virtual, Printed, Combined	Which delivery types shoppers may choose.
Default Card Type	Virtual (email)	The type pre-selected on the product page.
Code Format Mask	XXXX-XXXX-XXXX-XXXX	Generated-code shape; X = a random character.
Code Prefix	(empty)	Optional fixed prefix on every generated code.
Reserve Codes From Pool	No	Yes → issued cards take their code from the pre-generated Code Pool.
Generate Barcode	Yes	Render a scannable barcode for each card.

8.2 Expiration

Expiration



Figure 15 — Expiration: turn card expiry on or off (with lifetime and reminder-days when enabled).

With **Enable Expiration = Yes**, cards expire after a **Lifetime (days)** and a reminder email is sent **Send Reminder Before (days)** ahead of expiry (via cron). Default is Off — cards never expire.

8.3 Email

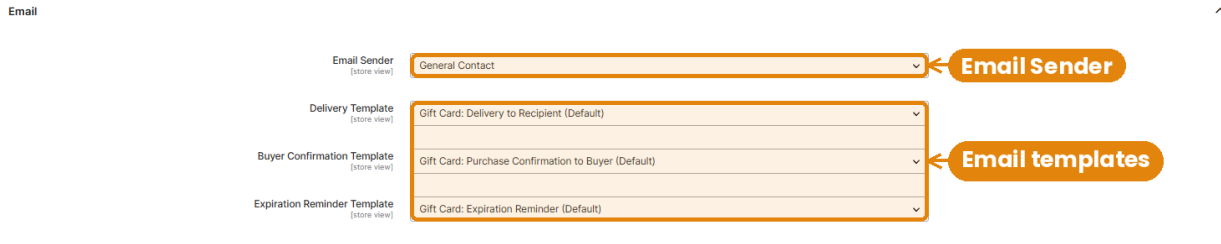


Figure 16 — Email: sender identity plus the Delivery, Buyer Confirmation and Expiration Reminder templates.

Setting	Default	Purpose
Email Sender	General Contact	The store identity gift-card emails are sent from.
Delivery Template	Gift Card: Delivery to Recipient	The email that carries the code to the recipient.
Buyer Confirmation Template	Gift Card: Purchase Confirmation to Buyer	Confirmation emailed to the buyer once cards are issued.
Expiration Reminder Template	Gift Card: Expiration Reminder	Reminder sent before a card expires (if expiry is on).

8.4 Open Amount Pricing



Figure 17 — Open Amount Pricing: allow a customer-defined amount and set the min / max.

Setting	Default	Purpose
Allow Customer-Defined Amount	Yes	No → hides the open-amount input; only preset amounts are sold.
Minimum Amount	5	Lowest customer-defined amount.
Maximum Amount	1000	Highest customer-defined amount.

8.5 Multi-Recipient / Bulk Gifting



Figure 18 — Multi-Recipient / Bulk Gifting: enable bulk gifting, cap recipients per line, and allow CSV upload.

Setting	Default	Purpose
Enable Multi-Recipient	Yes	Show the “send to multiple recipients” option on the product page.
Max Recipients Per Order Line	50	Upper limit of recipients on one gift-

		card line.
Allow CSV Upload	Yes	No → hides the CSV file input; recipients are added by hand only.

8.6 Customer Wallet

Customer Wallet

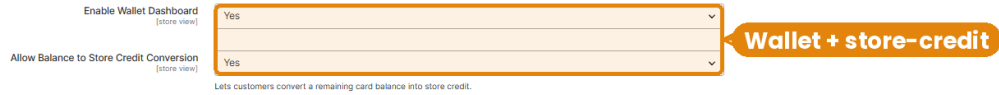


Figure 19 — Customer Wallet: enable the account dashboard and the store-credit conversion option.

Setting	Default	Purpose
Enable Wallet Dashboard	Yes	Show the “My Gift Cards” page in the customer account.
Allow Balance to Store Credit Conversion	Yes	Let customers convert a remaining balance to store credit (Adobe Commerce).

9 • Troubleshooting / FAQ

The gift-card form doesn’t appear on the product page.

Check three things: the product is of type **Gift Card**, **Enable Gift Cards = Yes** in Configuration, and the licence is valid. Any one of these being off hides the form (the module disables silently when unlicensed).

“The coupon code isn’t valid” when I enter my gift-card code.

You’re using the **Apply Discount Code** box. A gift-card code goes in the **Apply Gift Card** box just below it — the discount box only accepts sales-rule coupons.

The gift card applied but the price didn’t go down.

Make sure you applied it in the Apply Gift Card field (not the coupon box). The balance reduces the grand total, including shipping and tax; a card that covers the whole order takes it to £0.00.

How is my remaining balance tracked?

The balance lives on the card and is drawn down on each use. Signed-in customers see it under **My Account → My Gift Cards**, with a full transaction history; anyone can look it up by code with the Balance Check widget.

The recipient didn’t get the delivery email.

Virtual and Combined cards are emailed; Printed-only cards are fulfilled by post. Check the recipient email on the order, the store’s email settings, and whether the card was scheduled for a future delivery date.

Can I pre-print codes?

Yes — generate a batch in **Code Pool**, then set **Reserve Codes From Pool = Yes** so issued cards draw their codes from the pool.

Can customers set their own amount?

Yes, if **Allow Customer-Defined Amount** is on (globally or per product) — within the configured min/max. Turn it off to sell only fixed preset amounts.

Can I convert a balance to store credit?

On Adobe Commerce, yes (Customer Wallet setting). Magento Open Source has no store-credit system, so the conversion option is hidden there.