Jetpack
ALGORITHM

JETPACK ALGORITHM COIN

EXECUTIVE SUMMARY

Jetpack Algorithm Coin (JPAC) is a pioneering utility token designed to integrate seamlessly into the decentralized finance (DeFi) ecosystem on the Polygon network. JPAC introduces a novel tokenomics model through an experimental utility token, which aims to automate and decentralize the buying and selling process with an automated price point that moves according to an algorithmic process & available liquidity. This white paper details the mechanisms of JPAC, including its minting and burning processes, fees, smart contract functions, and its integration within the broader DeFi landscape.

INTRODUCTION

In the rapidly evolving world of DeFi, the need for innovative solutions that can provide stability, transparency, and efficiency is paramount. JPAC addresses these needs by offering a unique tokenomic model, powered by a simple smart contract & algorithm combo, that aims to maintain decentralized control and automated operations. The JPAC token is designed to be adaptable across various ecosystems within the Polygon network, providing a versatile tool for both users and developers.

TOKENOMICS AND UTILITY

TOKEN DETAILS

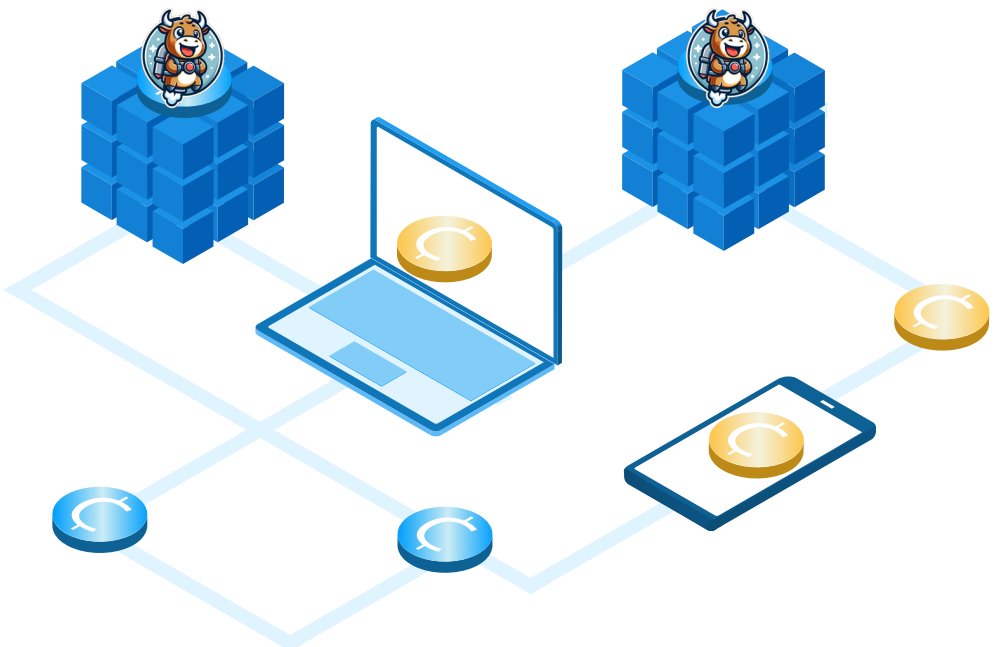
Name:	Jetpack Algorithm Coin
Ticker:	JPAC
Total Supply:	Unlimited
Decimals:	18

FEE STRUCTURE

- **Minting Fee:** 1.5%, added to all mints in USDC.
- **Transfer/Burn Fee:** 1.5%, deducted from all transfers in JPAC

DISTRIBUTION OF FEES

- **Creator Wallet:** Receives 0.50% of all collected fees.
- **Smart Contract's Liquidity Pool (LP):** Holds USDC collected from mints and fees to facilitate sales.
- **Token Burn:** Portions of JPAC collected from sales and fees are automatically burned, reducing the total supply.



SMART CONTRACT FUNCTIONS

PRICING MECHANISM

The smart contract's algorithmically supported price point is determined by dividing the total value of USDC in the LP by the total minted tokens (including 100,000,000 "ghost tokens" added to both), which increases and decreases as tokens are minted, burned, & transferred.

MINT

Users can mint new JPAC tokens by sending USDC to the smart contract, with a 1.5% fee added to the transaction. This process increases the total minted tokens balance & the total value of USDC in the LP.

BURN

Portions of JPAC collected from sales & fees are immediately burned, decreasing the total minted tokens balance and reducing overall supply.

SALE

Users can sell JPAC tokens back to the contract in exchange for USDC, based on the current main price, with all received JPAC tokens received by the smart contract being burned.

FEE/TRANSFER

A 1.5% fee is deducted from every transaction, with the collected JPAC portion being burned, further reducing the supply.

DONATE

Users can donate USDC to the LP without receiving anything in return, enhancing liquidity and stability.

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INITIAL CONDITIONS

- **Minted Tokens and LP Amount:** Starts with a base of 100,000,000 “ghost tokens” each. “Ghost tokens” represent a value of 100,000,000 non-existent tokens that are added to the Total Minted Tokens Balance & Total LP Balance during the main price point calculations to act as liquidity protectors & prevent from extreme liquidity manipulation.

FRONT END INTERFACE

JPAC will provide a user-friendly, single-page interface, enabling users to perform mint, burn, sale, and donate functions easily. This approach ensures accessibility and simplicity for all users, facilitating interaction with the JPAC token.

FUTURE DEVELOPMENTS

The creators of JPAC, while remaining anonymous, maintain the front-end interface. Moreover, plans are underway to expand JPAC’s presence to other blockchains, including Solana and Ethereum, broadening its utility and adoption.

CONCLUSION

JPAC represents a significant step forward in the DeFi space. Through its unique tokenomics model, JPAC aims to provide a stable, transparent, and efficient mechanism for token minting, selling, and burning, supported by a simple, yet powerful smart contract & algorithm combo.