



Bitcoin Legacy Gift Coin

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Summary

Custom designed two-piece coin engineered to securely and safely gift a Bitcoin cold wallet in a tangible form.



3.41 hrs



2 pcs



0.15 mm



0.40 mm



PET



33 g



Prusa
MK3/S/S+

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The Bitcoin Legacy Gift Coin is a custom designed two-piece coin engineered to securely and safely gift a Bitcoin cold wallet in a tangible form, reminiscent of gifting gold.

This repo contains the 3d models which consists of two coins that embed a bitcoin seed phrase.

The first coin is a generic "Bitcoin" coin, containing a bitcoin logo on the front and the embedded word "bitcoin" on the reverse.

The second coin contains a unique 12-word (128 bit) wallet seed phrase, and the reverse displays the denomination that the wallet contains (such as "1 Bitcoin" or "1,000,000 Satoshis").

The coins are designed to be joined together, keeping the seed phrase secure from casual viewing.

An actual production run should be done from a dedicated offline system that is securely erased after the run.

Usage

The top coin may be printed as-is from the included STL file. The bottom coin needs to be securely generated using Python and OpenSCAD. Instructions are provided for generating the bottom coins on a Linux system. Full instructions and source code are available at <https://github.com/danrue/bitcoin-legacy-gift-coin>.

Model files

top_coin.stl

 Generic top coin file. May be used as-is.

bottom_coin_sample.stl


 Sample bottom coin file. Actual bottom coins need to follow the instructions at github.

Print files

top_coin.gcode

 PET  0.40 mm  0.15 mm  1.51 hrs  16 g  Prusa MK3/S/S+

bottom_coin_sample.gcode

 PET  0.40 mm  0.15 mm  1.90 hrs  17 g  Prusa MK3/S/S+

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