

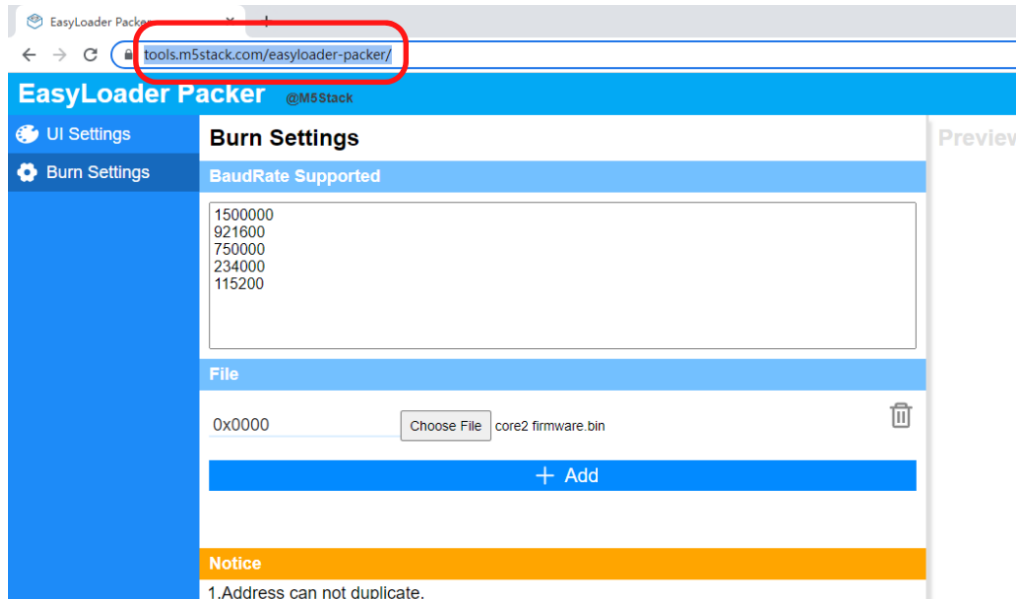
# EasyLoader Packer

## Description

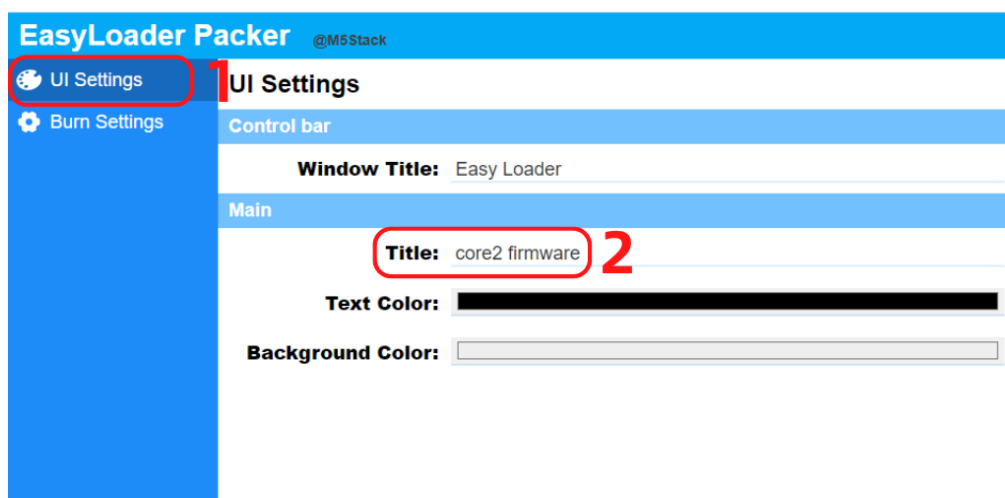
Using the M5Stack EasyLoader Packer tool, you can package firmware in .bin format into a self-contained .exe executable with integrated esptool, simplifying the firmware flashing process.

## Steps

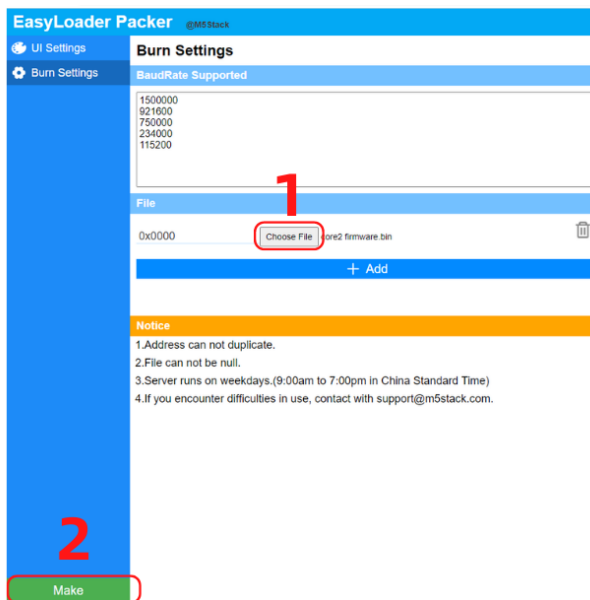
1. Visit the [EasyLoader Packer Tool](https://tools.m5stack.com/easyloader-packer/).



2. Click **UI Settings** on the left side of the interface to configure the window title, main title, font color, and background color. A real-time preview of the generated result will be displayed in the preview panel on the right.



3. Click **Burn Settings** on the left side of the interface to enter the flash configuration page.
  - Under **BaudRate Supported**, you can add or remove baud rates. Leave it unchanged to keep the default settings.
  - In the **File** section, enter the start address for firmware flashing, then click **Choose File** to upload the .bin firmware file. If you need to flash multiple firmware files to the same device, click **Add** to include additional firmware entries.



4. Click the **Make** button in the lower-left corner of the interface to upload and compile the .exe. Once complete, click **Download** to save it locally.

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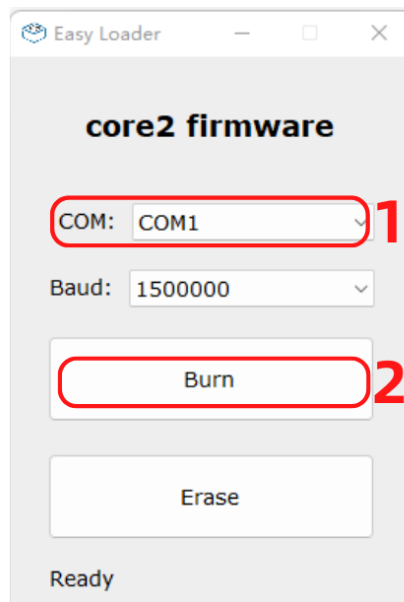
**Finished**

Close

Download

## | Flashing Firmware

1. Double-click to open the generated .exe file, then select the appropriate port and baud rate for your device.
2. Click **Burn** to start flashing the firmware and wait for the process to complete.



```
C:\Users\UX\Desktop\esptool. x + v
esptool.py v3.1
Serial port COM3
Connecting...
Detecting chip type... ESP32
Chip is ESP32-D0WDQ6-V3 (revision 3)
Features: WiFi, BT, Dual Core, 240MHz, VRef calibration in efuse, Coding Scheme None
Crystal is 40MHz
MAC: 24:0a:c4:f8:c5:c4
Uploading stub...
Running stub...
Stub running...
Changing baud rate to 1500000
Changed.
Configuring flash size...
Auto-detected Flash size: 16MB
Flash will be erased from 0x00000000 to 0x003fffff...
Compressed 4194304 bytes to 2176010...
Wrote 4194304 bytes (2176010 compressed) at 0x00000000 in 30.4 seconds (effective 1105.5 kbit/s)...
```