

Voltcore: Impulse Inertial Generator of Light and Energy

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Introduction

The Voltcore project is an innovative development in the field of energy generation and directional impulse motion without traditional fuel. The system is based on controlled inertial interactions, implemented using compact electromechanical components and microcontrollers. Inspired by the fundamental principles of inertia and resonance, the technology opens a pathway to new forms of power units and propulsion systems.

Project Goal

The aim is to create a prototype device capable of:

- Generating directional motion impulses using internal mass shifts.
- Converting kinetic energy into a controlled form of light or electromagnetic pulse.
- Operating autonomously on ESP32 or similar microcontrollers with minimal energy consumption.

Operating Principle (Without Disclosing Core Mechanisms)

The device utilizes:

- A central control unit based on ESP32.
- A sequence of impulses controlling moving parts (e.g., masses on rails or rotating sections).
- Asymmetrical inertial interactions to generate a resultant directional impulse.
- Modulation of these impulses to generate light or electromagnetic effects.

Application Areas

- Autonomous power sources.
- Promising propulsion systems without reaction mass ejection.
- Basis for microsatellites, drones, and experimental apparatuses.
- Research purposes in alternative physics and experimental engineering.

Current Status

- Idea and principle are fully developed.
- 3D models and circuit drafts for the first prototype are prepared.
- Components selected (ESP32, servo motors, power modules, PCB + EPO housing).
- Assembly and testing of a small-scale model are in progress.

Future Development

- Prototyping based on Arduino/ESP32 with mechanical platform.
- Testing in low-friction conditions (e.g., suspension, magnetic platform).

- Video documentation of system functionality.
- Expansion of the model toward light and magnetic pulse generation.

Conclusion

Voltcore is not a commercial project at this stage, but a contribution to the advancement of inertial and impulse technologies. The publication of this document aims to protect the intellectual concept and establish priority. We are open to collaboration with engineers, scientists, and enthusiasts willing to join the experimentation.

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