ENERGON

Protocol

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Abstract

Energon Protocol is a deterministic, state-driven blockchain system designed to persist without optimization, incentives, or discretionary governance. It replaces yield-driven mechanics with immutable progression rules derived entirely from on-chain state.

Energon introduces a finite energy unit (EON), a capped identity primitive (EnergonCube), and a time-anchored emission model governed by irreversible halving and burn rules. All protocol behavior is observable, auditable, and non-reactive.

Energon does not promise returns. It does not adapt to markets. It exists as a long-lived protocol artifact.

1. Design Philosophy

Energon Protocol is built on the following principles:
• State over strategy
• Observation over optimization
• Determinism over discretion
• Finality over governance flexibility
• Persistence over growth

The protocol intentionally avoids yield incentives, farming mechanics, off-chain schedulers, cron jobs, third-party automation, and governance-controlled monetary policy. All meaningful behavior is anchored to on-chain, verifiable state.

2. Protocol Architecture

Energon consists of a minimal, immutable contract stack deployed on Flare Mainnet:

EnergonToken (EON) — ERC-20 utility token with fixed supply, deterministic emissions, time-based halving, and genesis-bounded burn logic.

EnergonCube — ERC-721 identity NFT with a hard cap of 1,000,000 units and a strict one-cube-per-wallet rule.

EnergonController — Computes global protocol state (Energon Height), enforces cooldowns, and regulates progression eligibility. The controller executes no automated actions and relies solely on explicit interaction and on-chain reads.

3. Protocol Genesis & Time Anchoring

Energon Protocol defines genesis exclusively by on-chain contract deployment.

Protocol Genesis:
December 20, 2025 · 23:07 (UTC)

This timestamp is immutable and serves as the sole reference for emissions, halving epochs, burn duration, and terminal supply conditions. UI launch dates or ecosystem milestones do not affect protocol time.

4. Tokenomics (EON)

Token Standard: ERC-20
Maximum Supply: 30,000,000 EON (hard-capped)

For every EnergonCube minted, the receiving wallet is allocated exactly 5 EON. This allocation is automatic, on-chain, and non-yield-bearing. It serves solely to initialize protocol state.

Emissions follow a fixed four-year halving schedule beginning at genesis and asymptotically converge on the maximum supply. Once reached, emissions permanently cease.

4.4 Genesis-Bounded Burn

Energon includes a strictly time-bounded burn rule:
• Burn Amount: 25 EON
• Burn Window: December 20, 2025 → December 20, 2029

The burn cannot be extended, reactivated, or modified by governance. It does not imply deflationary incentives or price appreciation.

5. EnergonCube Identity Model

Energon enforces a permanent identity constraint:

One Wallet · One Cube · One Guardian

Cubes do not generate yield, confer governance rights, or provide upgrade paths. They establish identity, not control.

6. Governance Model

Energon minimizes governance by design. Governance cannot modify token supply, halving schedules, burn parameters, genesis timestamp, emission termination conditions, or Energon Height computation.

Permitted governance scope is limited to documentation, interface evolution, and interpretive layers. Protocol math is final.

7. Closing Statement

Energon Protocol is intentionally finite. By fixing identity, energy, time, and decay, the protocol becomes predictable, auditable, non-reactive, and long-lived.

Energon does not adapt. It does not optimize. It persists.