CMPES – Public Technology Overview

Overview

CMPES (Constant Micro Power Energy System) is an advanced electromagnetic power generation platform designed to deliver stable, continuous electrical output through optimized rotational inertia and electromagnetic induction. CMPES systems are engineered for industrial environments requiring reliability, predictable behavior under load, and long-duration operation within defined operating parameters.

Technology Architecture

CMPES utilizes axial-flux electromagnetic generator geometry combined with precision mechanical balancing to convert controlled mechanical rotational energy into usable electrical power. System performance is configuration-dependent and determined by application-specific engineering design, load conditions, and operating environment.

Applications

CMPES systems are configurable to support industrial site power, microgrids, critical infrastructure, temporary and remote power deployments, battery energy storage system (BESS) charging support, disaster response, and secure industrial or government installations.

Validation & Deployment

CMPES follows a structured validation and testing approach aligned with industrial engineering practices. Testing includes functional verification, controlled load characterization, endurance operation, and field pilot deployment with qualified partners. Detailed engineering documentation, specifications, and performance data are provided under formal non-disclosure agreement (NDA).

Compliance & Positioning

CMPES is designed with consideration for applicable UL, IEEE, NEMA, and NFPA frameworks, depending on deployment requirements. CMPES does not claim energy generation beyond physical input and does not represent perpetual motion or over-unity operation.

Note: This document provides a high-level public overview only. Detailed technical specifications, drawings, and validation reports are available to qualified parties under NDA.