

Self – Rechargeable Electric Cycle for Rural Cargo Mobility

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Abstract: *This paper proposes the design and development of a self-recharging electric cycle tailored for rural cargo mobility. The concept integrates renewable energy sources to ensure sustained operation in remote areas with limited access to charging infrastructure. By harnessing solar or kinetic energy during operation, the cycle autonomously replenishes its battery, enhancing its practicality and reducing reliance on external power sources. The proposed solution addresses the challenges of rural transportation, offering a sustainable and efficient means of transporting goods in off-grid environments.*

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