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(57) Abstract :

This abstract presents an innovative agriculture weight carrying trolley equipped with solar panels and an AC charger. The trolley harnesses solar energy to charge its batteries, reducing reliance on fossil fuels and operational costs. The AC charger ensures continuous operation during limited sunlight. Its efficient transportation capabilities optimize farm logistics, improving productivity and reducing labor requirements. This sustainable and eco-friendly solution aligns with global efforts to reduce carbon emissions and environmental impact in agriculture. The trolley represents a significant advancement in agricultural machinery, offering farmers an efficient, cost-effective, and environmentally responsible means of transporting heavy loads across fields.

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