

Apr 19, 2023 · A Jordanian research team has designed a cleaning technique for solar modules that uses static electricity to remove dust from panel surfaces. The system features an ...

Jan 1, 2020 · For the electric-field experiments, we used an ~1-cm × 1-cm piece of glass/cell taken from a normal commercial (Trina Solar) crystalline Si PV module to ensure representation of ...

Sep 1, 2023 · Sreedath Panat and Kripa Varanasi (2022) demonstrated a moisture-assisted electrostatic induction to charge the dust particle using a movable top electrode and a ...

Aug 1, 2025 · It is found in another research that the conversion efficiency of polycrystalline silicon solar cells that integrate electrostatic field source under direct sunlight was improved by 15 ...

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