



Residential Rooftop Photovoltaic Panel Cleaning Standards: A Complete Guide

****Residential Rooftop Photovoltaic Panel Cleaning Standards: A Complete Guide**** ****Why Clean Solar Panels Matter More Than You Think**** Did you know dirty solar panels can lose **15-25% efficiency** within six months? Residential rooftop photovoltaic systems require regular maintenance to maximize energy production. This article explores professional cleaning standards that balance safety, effectiveness, and cost-efficiency. ***Key Industry Standards You Should Know*** - **ISO 21873-2:2020** for mechanical cleaning systems - OSHA fall protection requirements (29 CFR 1926.501) - Water purity standards (TDS