



# Polywater®

Solutions at work.

## Polywater Solar Panel Wash

Part No: SPW-128

### An Effective, Safe, and Economical Cleaner for Photovoltaic (PV) Panel Installations



SPW-128

Polywater® Solar Panel Wash is specially formulated for cleaning all types of solar panels without oxidizing or abrading aluminum rails and mounting apparatus. Many common car-wash soaps and window cleaners contain alkalines that promote oxidation and require a deionized water rinse.

Dust, bird droppings, pollution, pollen, tree sap, plant matter residue, etc., all reduce the overall effectiveness of solar panel generation capacity. A 2011 study by the World Academy of Science, Engineering and Technology concluded that "accumulated dust on the surface of photovoltaic solar panels can reduce the system's efficiency by up to 50%." Panels must be cleaned regularly to maximize system performance and longevity.

Even if only one panel in a string operates at 10% less than full capacity due to contamination, the entire string suffers the same 10% performance loss. This is known in the industry as the "Christmas-lights effect". The small cost of regular cleaning with Polywater® Solar Panel Wash yields big savings by increasing panel capacity.

#### Benefits

- **Industry Approved cleaner**  
Polywater SPW is approved by major PV panel manufacturers.
- **Increased PV performance output**  
It is scientifically proven that clean PV panels produce more power - cleaner panels = bigger savings
- **More efficient cleaning**  
Polywater SPW effectively reduces the need for excessive rinsing
- **Environmentally friendly**  
Does not contain solvents - no VOC's - non-flammable
- Phosphate-free - Chlorine-free
- **Safer to use**  
Polywater SPW is pH neutral - non-caustic and non-alkaline
- Will not affect aluminum rails or racking like common detergents
- **Economic to use**  
Does not require deionized or purified water rinse. Saves time and materials

#### How to Use

- For best results Polywater SPW should be diluted.
- For pressure washers, hose sprayers, etc dilute 1:25
- For persistent soils, use a higher concentration of Solar Panel Wash and a soft cloth or brush to remove any remaining residues. Rinse the panels with 1:25 SPW™ solution and allow to dry. SPW™ leaves a clean surface that will dry faster, reduce spotting, and repel soil, making it easier to clean your panels the next time. As an option, rinse surface with water.
- Observe the condition of the panels and repeat the process above if necessary

Part No	Description
SPW-128	3.8 litres



**CLICK or SCAN the QR-Code to view the SPW video to learn more**

