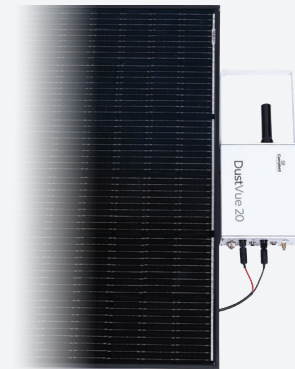


# DustVue™10/20

IEC 61724-1:2021-Compliant PV Soiling Sensors

## Accurately measure PV module soiling losses with virtually no manual cleaning or calibration.



## Overview

The new DustVue™10 and 20 take the most trusted method of comparing two photovoltaic (PV) reference devices for soiling loss measurements and puts it in one small, easy-to-install sensor package. The reference sensor requires very little cleaning with no water needed. The soiled reference panel only requires cleaning when you clean all of your plant's production modules.



DustVue 10 back panel



DustVue 20 back panel



Downward-facing soiled reference PV cell

### DustVue 10

Compact, self-contained unit with onboard upward and downward clean and soiled PV reference cells

### DustVue 20

Upward and downward stay-clean PV reference cells that can be compared against a panel soiling in the array

## Benefits and Features

- Highly accurate soiling measurement ( $\pm 1\%$  uncertainty)
- Bifacial, separate soiling ratios for front and rear
- Maintenance-free design (patent pending)
- Choice of method 1 (DustVue 20) or method 2 (DustVue 10) in accordance with IEC 61724-1:2021
- Easy-to-install design to reduce deployment complexity
- Best spectral match with production modules
- Rugged reliability with industrial-grade surge protection
- Industry-standard Modbus RTU over RS-485

