



Sun Urja Energy Solution

A Complete Solar Solutions

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Datasheet Dust Monitor Model : DM200



Dust monitor is enclosed in naturally aspirated, 6-plate radiation shield. Its louvered construction allows air to pass freely through the shield, serving to keep the probe at ambient temperature. The shield's white color reflects solar radiation.

The most effective passive shelter . Protects sensor from solar radiation and other sources of radiated and reflected heat. Multi-plate construction for maximum airflow

Construction	: UV-stabilized white thermoplastic plates, aluminum mounting Bracket, white powder-coated ,stainless-steel U-bolt clamp
Plate Diameter	:196 mm
Plate Height	:110mm

Specifications

Supply voltage: DC 12- 24V

Maximum power consumption: 1.2W

Output mode: 485 signal output

Communication protocol: ModBus-RTU protocol

Baud rate : 9600

Measurement range:

PM1.0 (0~999ug/m3)

PM2.5 (0~999ug/m3)

PM10 (0~999ug/m3)

Response speed: <= 90s

Warm-up time: <= 2min

Working Environment: Temperature: -10°C~65°C, Humidity: 0~90% RH