

The **SunWize**

# 445W C1D2 SOLAR MODULE

High-quality module provides reliable solar electric power for industrial applications in hazardous locations including monitoring and control, security, telecom, instrumentation, communications, and general battery charging. Up to two bypass diodes protect against hot-spot damage during partial shading. The junction box has four half-inch conduit knockouts. This module features UL-61730, C1D2, and CE certifications.

## POWER RATINGS

Nominal Voltage	24V
Voc Open Circuit Voltage	50.0V
ISC Short Circuit Current	11.22A
VMP Rated Voltage	41.6V
IMP Rated Current	10.70A
Max System Voltage	600 VDC
Series Fuse Rating	30A

## ELECTRICAL/THERMAL PARAMETERS

Voltage Temperature coefficient	-0.30% / °C
Current Temperature coefficient	0.046% / °C
Power Temperature coefficient	-0.37% / °C
Peak Power Tolerance	-0% / +3%
Temperature Range	-40°C to +85°C

## WARRANTY

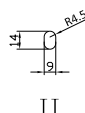
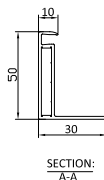
Five years on material, ten years on performance, 20 years on performance (pro-rated based on performance degradation)

## DIMENSION AND WEIGHT

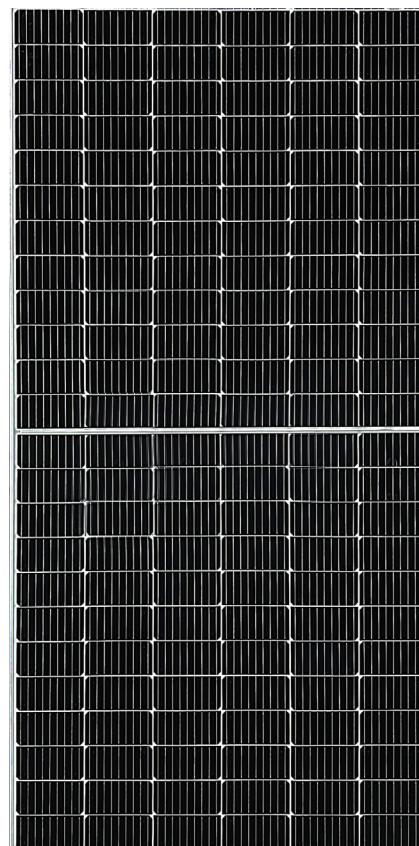
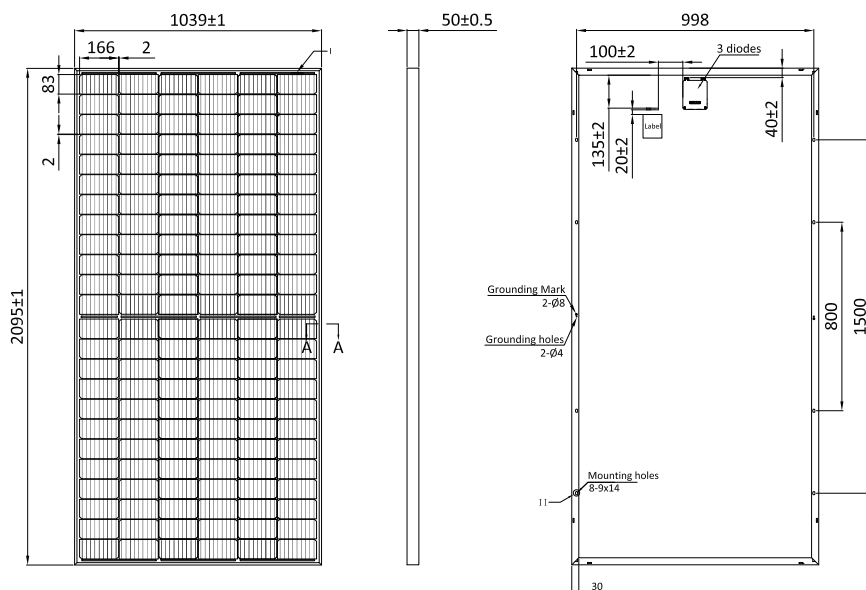
Module Size (LxWxD) inches	82.5" x 40.9" x 2.0"
Module Size (LxWxD) mm	2095 x 1039 x 50
Weight (lb/kg)	54.0lbs/24.5kg

## CERTIFICATIONS & STANDARDS

UL 121201; UL 61215-1/-1-1/-2; UL 61730-1/-2; CSA C22.2 No. 213; Class I Division 2 Group A,B,C, and D



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