

Dashboards

Sites >

Alarms >

Tickets >

Work Orders >

Activity Log >

Billing >

Graphs >

Reports >

Analytics >

Workforce >

Workforce Dashboard

Employee Management >

Attendance & Tracking >

Leave Management

Payroll >

Warranties >

Customers >

Components >

Add new components >

Add Solar Module

Add Solar Inverter

Manage components >

Quick manage components

Settings >

Add Solar Module

Add a new solar module with detailed specifications

Identification

Basic information about the solar module

Module Name *

Enter module name

Manufacturer *

Enter manufacturer name

Model Number *

Enter model number

Technology *

Select technology

Cell Type *

Select cell type

Number of Cells *

e.g., 72, 144

Manufacturer Country

e.g., India, China

Remarks / Notes

Enter any additional notes or remarks

Electrical Specifications (STC)

Standard Test Conditions electrical parameters

Rated Power (Wp) *

e.g., 550

Power Tolerance (W or %)

e.g., ±5W or ±3%

Maximum Power Voltage – Vmp (V)

e.g., 41.5

Maximum Power Current – Imp (A)

e.g., 13.25

Open Circuit Voltage – Voc (V)

e.g., 49.8

Short Circuit Current – Isc (A)

e.g., 14.05

Module Efficiency (%)

e.g., 21.2

Maximum System Voltage (V DC)

e.g., 1500

Maximum Series Fuse Rating (A)

e.g., 25

Temperature Characteristics

Temperature coefficients and operating conditions

Temperature Coefficient of Pmax (%/°C)

e.g., -0.35

Temperature Coefficient of Voc (%/°C)

e.g., -0.28

Temperature Coefficient of Isc (%/°C)

e.g., 0.05

Nominal Operating Cell Temperature (NOCT) (°C)

e.g., 45

Mechanical Specifications

Physical dimensions and construction details

Dimensions (L × W × H mm)

e.g., 2278 × 1134 × 35

Weight (kg)

e.g., 27.5

Frame Material

e.g., Anodized Aluminum Alloy

Glass Type / Thickness

e.g., 3.2mm Tempered Glass

Junction Box Rating

e.g., IP68

Cable Length (mm)

e.g., 1200

Connector Type

e.g., MC4 Compatible

IP Rating

e.g., IP68

Environmental Ratings

Operating conditions and load specifications

Operating Temperature Range (°C)

e.g., -40°C to +85°C

Max Static Load (Front) (Pa)

e.g., 5400

Max Static Load (Back) (Pa)

e.g., 2400

Hail Resistance (mm / m/s)

e.g., 25mm / 23 m/s

Compliance & Warranty

Certifications, warranty, and degradation information

Certifications

e.g., IEC 61215, IEC 61730, UL 1703, BIS

Product Warranty (Years)

e.g., 12

Performance Warranty (Years)

e.g., 25

First Year Degradation (%)

e.g., 2.0

Annual Degradation (%)

e.g., 0.55

Status

Set the active status of this solar module

Active Status

Enable this module for use in new installations

 Reset Save Solar Module