



“ENERGY INSPIRED BY NATURE”

200 W



**Quality Product**

All Manufactured Modules are tested 100% by EL (Electroluminescence) during the Production Process and Free from Micro Cracks. Our high-performance modules are highly efficient, reliable, and provide optimal output. The company manufactures solar modules in compliance with global standard including MNRE, IEC 61215, 61730-1, 61730-2, 61701, UL 1703 ISO 9001:2008 and ISO 14001:2008 and 18001:2007.

**High Efficiency**

High Module efficiency is obtaining top performance even in diffused light conditions. We are leaders in providing our customers with maximum sunlight conversion.

**Application Possibilities**

Residential and Commercial Rooftops, Car Ports, Solar Farming, Balconies, Awnings, Street Lights Fences, Canopies, etc.

**Our Team**

We have a team of qualified experts and engineers making sure that modules produce maximum power. We pride ourselves in caring for each individual customer needs with detailed attentions. Our end goal is to give a highly efficient product with exceptional customer service.

**Guarantee**

Our product is durable and has a 25 year performance warranty. Integrated manufacturing of cells and modules in one production line guarantees optimum performance.

**RFID**

RFID is an Radio Frequency Identification Technology - enables every individual modules to be uniquely identified. We can provide RFID tag as per customer's request.

**US Manufacturing Facility:**

Sonali Energiees USA LLC.,  
Michigan, USA  
Tel: 201-568-1424  
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**Manufacturing Facility:**

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## Electrical Specifications

Nominal Maximum Power (Pmax)	200 W
Optimum Operating Voltage (Vmp)	36.68
Optimum Operating Current (Imp)	5.61
Open Circuit Voltage (Voc)	43.68 V
Short Circuit Current (Isc)	5.99 A

## Mechanical Specifications

Module Dimensions (L x W x T)	1580 x 808 x 33
Weight	14.99
Cell Arrangement	72
Front Cover (Tempered Glass)	43.68 V
Encapsulate	17.80
Back Cover	36.68
Junction Box	IP65
Mounting Holes Pitch (Y)-mm	43.68 V
Mounting Holes Pitch (X)-mm	5.99 A

\* Maximum System Voltage : 1000 V (IEC), 600 V (UL) \* Measurement Power Tolerance on Power 0 / + Tolerance on Max

\* Under Standard Test Conditions (STC) of irradiance of 1000W/m<sup>2</sup>, spectrum AM 1.5 and cell temperature of 25 C

### Other Characteristics:

Junction Box : Weather proof Nylon 6  
 Type of Cell : Mono / Multi Crystalline Silicone  
 Temp. Coefficients : Coefficient of Current - (0.060%/ C)  
                                   Coefficient of Voltage - (-0.35%/ C)  
                                   Coefficient of Power - (-0.45%/ C)

### Tested Operating Conditions:

Temperature Cycling Range : (-40 C~+85 C)  
 Humidity Freeze, Damp Heat : 85 % RH

\* Certification : Complied to IEC 61215, 61730-1, 61730-2 & 61701, UL1703, MNRE Approved.

\* All Modules of 120Wp & Above are supplied with screw-less hollow section frames.

\* Due to constant production modifications, SONALI SOLAR reserves the right to amend.

\* Warranty : Up to 12 Years Limited Product Warranty

