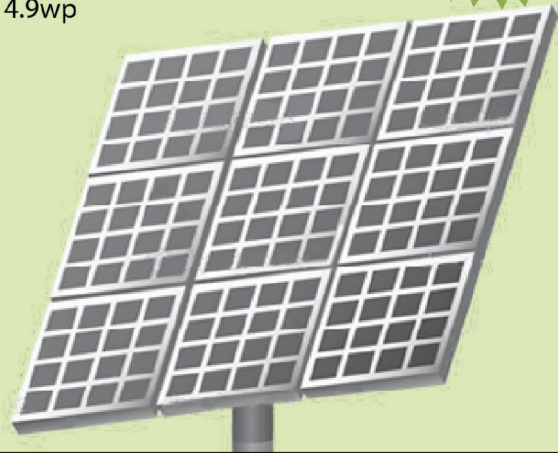


H300 - 72 cell series

**72
Cells
SERIES**

- Excellent power output with +ve tolerance up to 4.9wp
- 10-year limited product warranty
- 25 years of power guarantee*
- All the modules are PID resistant
- 100% EL Tested



**As per standard warranty terms*

- Solar PV modules are constructed with anti-reflective coating (ARC) toughened, low iron and textured high light transmission glass
- Multi-layer tedlar-based back sheet and ultra fast cure EVA
- Reinforced anodized aluminium frame
- Pre-drilled frame for easy mounting
- IP67 rated junction box
- Solar MC4 compatible connector

APPLICATIONS

- On-grid system
- Off-grid system
- Solar farm
- Water pumping

CONSTRUCTIONAL CHARACTERISTICS

- Cells
- Glass
- EVA
- Back sheet
- Copper ribbon
- Frame
- Junction box

CERTIFICATIONS

- IEC 61215 & 61730
- IEC 61701 (Salt Mist Test)
- MNRE (India) certified
- ISO 9001-2008
- CE mark

Manufactured by:

H.R. Solar Solution Pvt. Ltd.

14, NS Road, First floor, Room no. 102, Kolkata - 700001

Phone: +91 33 2243 4540

Website: www.hrsolarsolution.com

Email: info@hrsolarsolution.com



SPECIFICATIONS:

Electrical Characteristics

	320wp	325wp	330wp	335wp
Maximum Power Pmax (WP)	320wp	325wp	330wp	335wp
Open Circuit Voltage (Voc)	45.6 V	45.75 V	45.85 V	45.95 V
Optimum Operating Voltage (Vmp)	37.12 V	37.45 V	37.76 V	38.07 V
Optimum Operating Current (Imp)	8.63 A	8.69 A	8.75 A	8.80 A
Short Circuit Current (Isc)	9.1 A	9.14 A	9.21 A	9.30 A
Fill Factor	77.12%	77.72%	78.15%	78.35%
Module Efficiency	16.49%	16.75%	17.01%	17.26%

Operating Conditions

-40°C to +85°C at 85% RH

Temp Co-eff for Voc/ °C (B)

-0.35%

Temp Co-eff for Isc/ °C (a)

0.05%

Temp Co-eff for power/ °C (y)

-0.40%

NOCT

45°C ± 2°C

Maximum System Voltage

1000 V

Mechanical Characteristics

Weight

23 Kg

Module Dimension (W) X (H) X (T)

(1956x992x35)mm

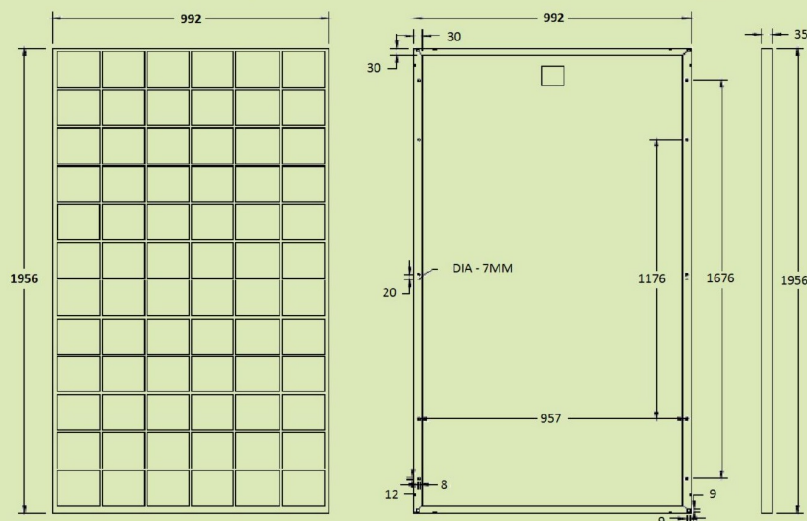
Static Load Wind / Snow

2400 Pa / 5400 Pa

Fire Rating

Class C

Frame Dimension



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