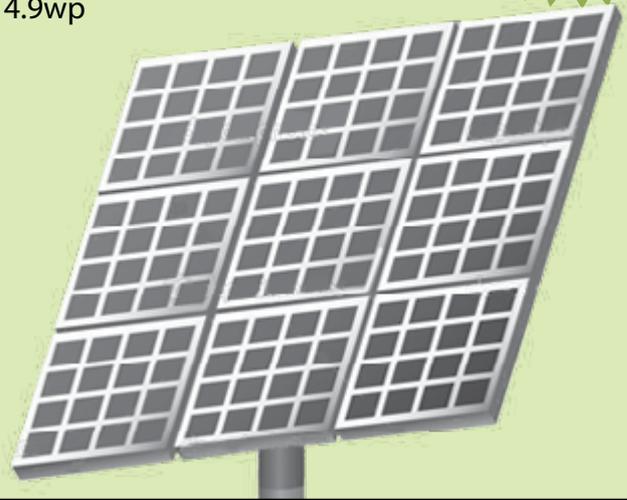


# H250 - 60 cell series

**60  
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

- The solar PV modules are constructed with 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](http://www.hrsolarsolution.com)

Email: [info@hrsolarsolution.com](mailto:info@hrsolarsolution.com)



## SPECIFICATIONS:

### Electrical Characteristics

	250wp	255wp	260wp	265wp	270wp	275wp
Maximum Power Pmax (WP)	250wp	255wp	260wp	265wp	270wp	275wp
Open Circuit Voltage (Voc)	37.9 V	38 V	38.1 V	38.25 V	38.3 V	38.4 V
Optimum Operating Voltage (Vmp)	30.50 V	30.75 V	31 V	31.25 V	31.40 V	31.57 V
Optimum Operating Current (Imp)	8.21 A	8.3 A	8.39 A	8.49 A	8.6 A	8.72 A
Short Circuit Current (Isc)	8.78 A	8.84 A	8.92 A	9.03 A	9.14 A	9.2 A
Fill Factor	75.13%	75.91%	76.50%	76.72%	77.13%	77.84%
Module Efficiency	15.37%	15.67%	15.98%	16.29%	16.60%	16.90%

### 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

18.5 Kg

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

(1640x992x35)mm

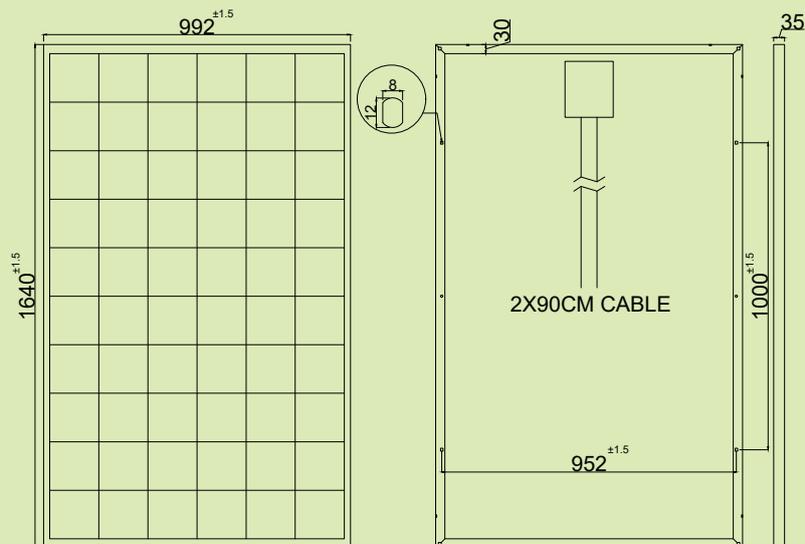
Static Load Wind / Snow

2400 Pa / 5400 Pa

Fire Rating

Class C

### Frame Dimension



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