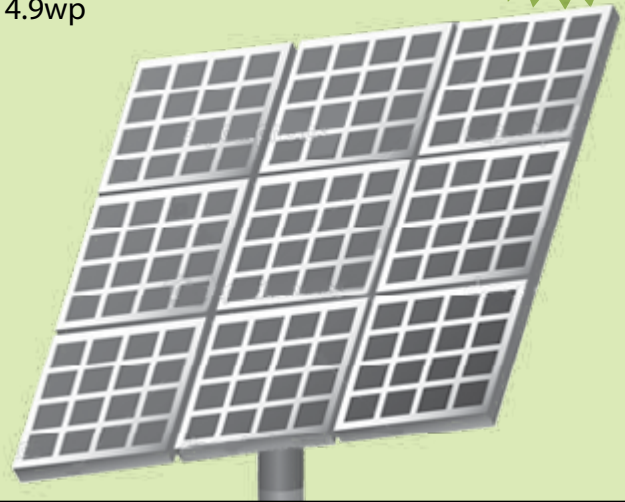


# H150 - 36 cell series

**36  
Cells  
SERIES**

- Excellent power output with +ve tolerance up to 4.9wp
- 10-years 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
- IP65 rated junction box

## APPLICATIONS

- Street lighting
- Home lighting

## 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

Maximum Power Pmax (WP)	150wp	155wp	160wp	165wp
Open Circuit Voltage (Voc)	22.5 V	22.65 V	22.8 V	22.95 V
Optimum Operating Voltage (Vmp)	18.35 V	18.63 V	18.91 V	19.10 V
Optimum Operating Current (Imp)	8.21 A	8.33 A	8.47 A	8.66 A
Short Circuit Current (Isc)	8.75 A	8.82 A	9.05 A	9.15 A
Fill Factor	76.19%	77.59%	77.54%	78.57%
Module Efficiency	15.14%	15.64%	16.15%	16.65%

### Operating Conditions

-40°C to +85°C at 85% RH

Temperature Co-efficient for Voc/ °C (B)

-0.35%

Temperature Co-efficient for Isc/ °C (a)

0.05%

Temperature Co-efficient for power/ °C (y)

-0.40%

NOCT

45°C ± 2°C

Maximum System Voltage

1000 V

### Mechanical Characteristics

Weight

11 Kg

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

(1490x665x35)mm

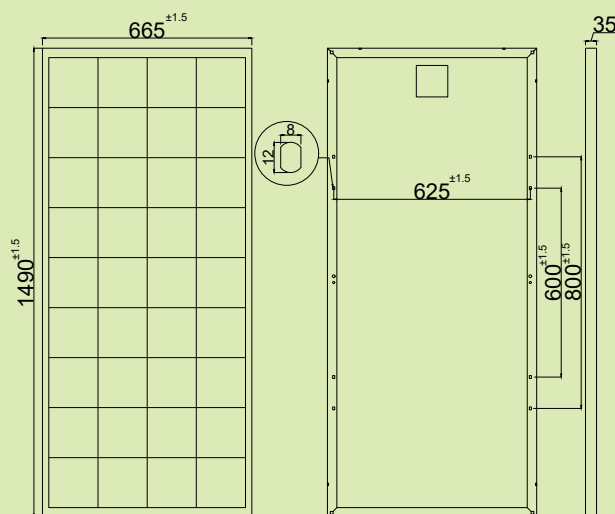
Static Load Wind / Snow

2400 Pa / 5400 Pa

Fire Rating

Class C

### Frame Dimension



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