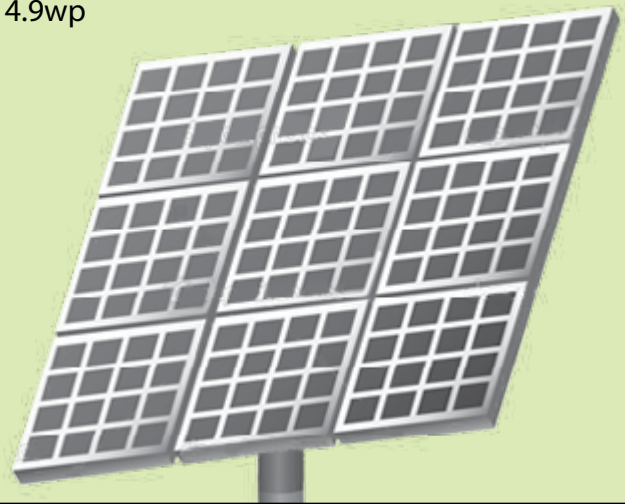


H50-50wp

**36
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
- 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

Email: info@hrsolarsolution.com



SPECIFICATIONS:

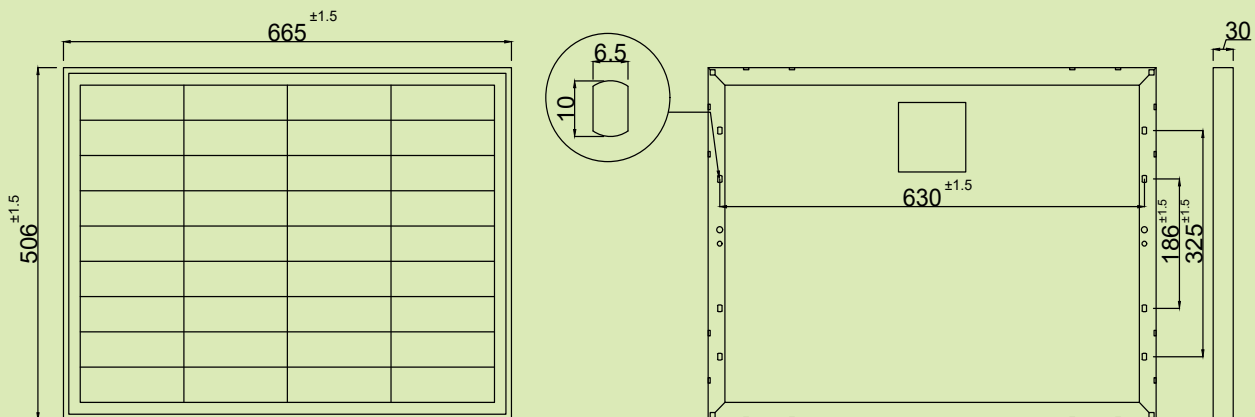
Electrical Characteristics

Maximum Power Pmax (wp)	50wp
Open Circuit Voltage (Voc)	22.70 V
Optimum Operating Voltage (Vmp)	19.84 V
Optimum Operating Current (Imp)	2.54 A
Short Circuit Current (Isc)	2.91 A
Fill Factor	75.69%
Module Efficiency	14.86%
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	3.3 Kg
Module Dimension (W) X (H) X (T)	(506x665x30)mm
Static Load Wind / Snow	2400 Pa / 5400 Pa
Fire Rating	Class C

Frame Dimension



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