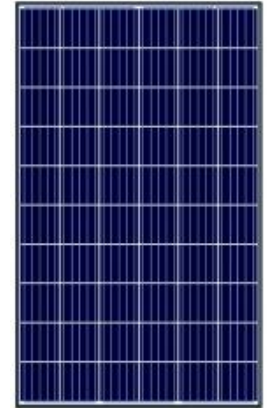


ISEN345: 345Wp

Features



- Excellent Power Output with +ve Tolerance (up to 3%).
- 10 Year Limited Product Warranty
- 25 Year Linear Power Guarantee
- Generate Power even at Low Light
- High Performance Modules with 17.83% efficiency.
- PID Resistance

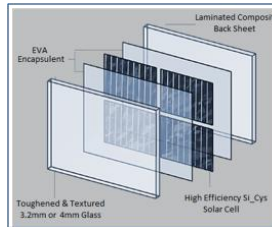
- ARC, Ultra-clear toughened and textured glass
- Multi layer tedlar® and Fast Cure EVA
- Reinforced anodized aluminium frame
- Pre-drilled frame for easy mounting
- IP-65 & IP-67 rated Junction Box
- Solar MC4 compatible connector
- Fire safety class C
- Safety class II

Applications

- On-grid systems
- BIPV
- Solar farms
- Standalone (off-grid) systems
- Solar pump

Constructional Characteristics

- Frame
- Glass
- EVA
- Cells
- Back sheet

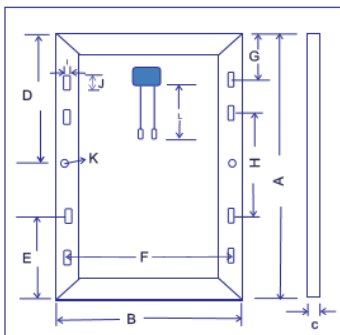


Certifications

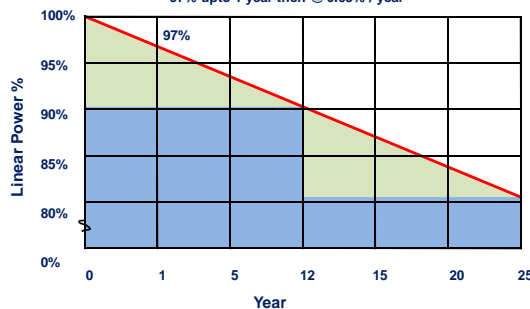
- IS:14286 // IEC 61215
- IS / IEC 61730 I & II
- IEC 61701 (Salt Mist Test)
- IEC 62804 (PID)
- NABL-MNRE (UL) Certified
- ISO 9001-2015; ISO 14001-2015

Specifications	ISEN345
Cell	Multicrystalline Solar Cell
Electrical Characteristics	
Open Circuit Voltage (Voc)	45.66 V
Optimum Operating Voltage (Vmp)	37.04 V
Short Circuit Current (Isc)	9.59 A
Optimum operating Current (Imp)	9.32 A
Power at STC (Pmax)	345 W
Module Efficiency (η)%	17.83%
Module Fill Factor (FF)%	78.80%
Operating Conditions	- 40 C to + 85 C at 85% RH
Temperature Co-efficient for Voc/ C (β)	-0.30%
Temperature Co-efficient for Isc/ C (α)	0.03%
Temperature Co-efficient for power/ C (γ)	-0.39%
NOCT	50°C ± 2°C
Mechanical Characteristics	
Weight	20.3 Kg
Module Dimension (A) x (B) x (C)	1964 x 986 x 35 mm
Mounting Hole (Oblong) (I x J)	9 x 14 mm
Mounting Hole CTC distance - vertical (H)	860 mm
Mounting Hole distance from corner (E)	552 mm
Mounting Hole CTC distance - horizontal (F)	945 mm

Frame Design



Linear Power Guarantee on En-Icon PV modules
97% upto 1 year then @ 0.63% / year



IS 14286:2010/
IEC 61215:2005,
IS/IEC 61730
(Part-1 & Part-2):2004



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