

ISEN100: 100Wp

- Excellent Power Output with +ve Tolerance.
- 5 Year Limited Product Warranty
- 25 Year Linear Power Guarantee
- Generate Power even at Low Light
- High Performance Modules with 15.30% efficiency.
- PID Resistance

Features

- 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 rated Junction Box
- Solar MC4 compatible connector

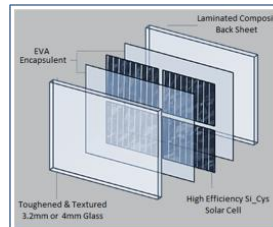


Applications

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

Constructional Characteristics

- Frame
- Glass
- EVA
- Cells
- Back sheet

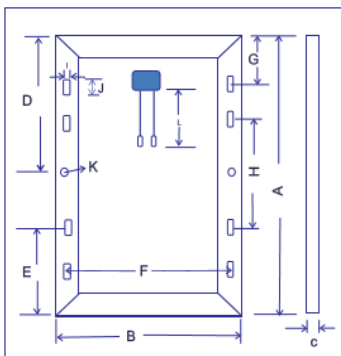


Certifications

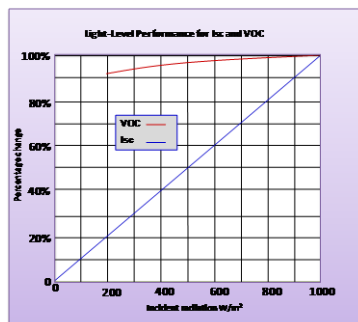
- IEC 61215
- IEC 61701 (Salt Mist Test)
- NABL-MNRE (UL) Certified
- ISO 9001-2015; ISO 14001-2015

Specifications	ISEN100
Cell	Multicrystalline Solar Cell
Electrical Characteristics	
Open Circuit Voltage (Voc)	22.20 V
Optimum Operating Voltage (Vmp)	18.09 V
Short Circuit Current (Isc)	5.86 A
Optimum operating Current (Imp)	5.56 A
Power at STC (Pmax)	100 W
Module Efficiency (η)%	15.30%
Module Fill Factor (FF)%	77.30%
Operating Conditions	- 40 C to + 85 C at 85% RH
Temperature Co-efficient for Voc/ C (β)	-0.34%
Temperature Co-efficient for power/ C (γ)	-0.40%
NOCT	45°C ± 2°C
Mechanical Characteristics	
Weight	7 Kg
Module Dimension (A) x (B) x (C)	980 x 666 x 35 mm
Mounting Hole (Oblong) (I x J)	7 x 12 mm
Mounting Hole CTC distance - vertical (H)	490 mm
Mounting Hole distance from corner (E)	245 mm
Mounting Hole CTC distance - horizontal (F)	629 mm

Frame Design



Light-Level Performance for Isc and VOC



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

