


SPARKLE

PRODUCT | KEY FEATURES

- 
AR Coated Tempered Glass Anti-Reflective Module Surface
- 
Excellent Module Efficiency
- 
Positive Power Tolerance Up to 5W
- 
Pre and Post EL Checking to ensure defect free modules
- 
Ip68 Junction Box for Long Term Endurance
- 
Ensure safety parameters through Safety test
- 
Quality and Reliability assurance in standard weather condition

SolarModules POLY 335W



THE INDUSTRY'S BENCHMARK

Rayzon Solar is an internationally renowned leading solar energy cost effective befitting solutions provider having core competency in high efficiency PV module manufacturing and providing wide range EPC solutions. PV modules are the best in class in terms of power output and long-term reliability.

PRODUCT CERTIFICATES



MADE IN INDIA

- 
Industry leading linear power output warranty*
- 
Product warranty on materials and workmanship

TECHNICAL DATA

PERFORMANCE UNDER STANDARD TEST CONDITIONS (STC)(irradiance of 1000W/m²,SPECTRUM AM 1.5 and cell temperature of 25°C.)

Nominal Maximum Power (Pmax)	335W
Optimum Operating Voltage (Vmp)	37.58
Optimum Operating Current (Imp)	8.93
Open Circuit Voltage (Voc)	46.39
Short Circuit Current (Isc)	9.39

PERFORMANCE UNDER NOCT (NOCT irradiances of 800W/m²,ambient temperature of 20°C,Wind SPEED 1m/SEC, Average NOCT(°C)=48.89)

Nominal Maximum Power (Pmax)	243.18
Optimum Operating Voltage (Vmp)	34.28
Optimum Operating Current (Imp)	7.10
Open Circuit Voltage (Voc)	42.81
Short Circuit Current (Isc)	7.53

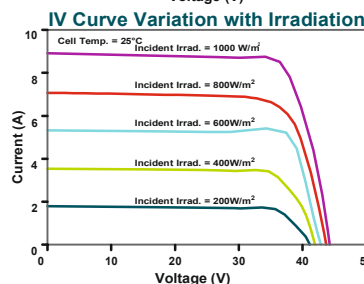
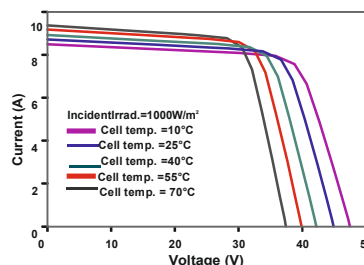
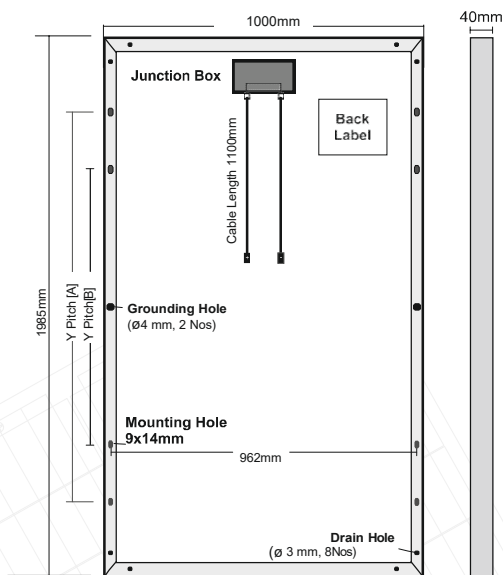
Mechanical Specifications

Dimensions (L x W x H in mm)	1985 x 1000 x 40
Weight(kg)	21.8
No Of Cell	72 [12x6] Full Cell
Aluminum Frame [40HS]	Silver Anodized Aluminum Alloy
FrontCover(TemperedGlass)	3,2mm
Encapsulate	(EVA) Ethylene Vinyl Acetate Sheet
Back Sheet	Composite Film
JunctionBoxwith3-Bypassdiode/Rating	4 terminal Junction Box(Ip68)
Application Class Rating	Class A
Fire Safety Class Rating	Class II
Mechanical Load Test (as per IEC & UL)	5400 Pa-Front; 2400 Pa-Back
Mounting Holes Pitch (Y)-mm	[A] 1360, [B] 980
Mounting Holes Pitch(X)-mm	962

BACKVIEW

SIDEVIEW

IV Curve Variation with Temperature



*All dimensions are in mm with +/-1% tolerance.

MAXIMUM OPERATING CONDITIONS

Operating Temperature: Maximum	-40°C to +85°C
System Voltage: Maximum Series	1000V
Fuse Rating:	20A

TEMPERATURE COEFFICIENTS

Current Temperature Coefficients $\alpha(Isc)$:	0.021%/°C
Voltage Temperature Coefficients $\beta(Voc)$:	-0.291%/°C
Power Temperature Coefficients $\gamma(Pmax)$:	-0.397%/°C

Caution: Please read safety and installation instructions before using the product. ***Warranty:** Linear power warranty for 27 years up to 2.5% for 1st year degradation and 0.67% from year 2 to year 27. Please read Rayzon warranty documents thoroughly. **DISCLAIMER:** specifications included in the data sheet are subject to change without prior notice owing to conditions innovation on the product Development and R&D Activities. RAYZONGREENENERGIES reserves the right to make any adjustment to the information described here, Dataset contained in this specification and not for more representative of a single module data. @T&CAApply.