

by **Panasonic**



330 Watt

72 CELL SOLAR PV MODULE POLYCRYSTALLINE

AE7P335VB5B • AE7P330VB5B • AE7P325VB5B

Special 5 Busbar Design



The unique cell design leads reduction in electrodes resistance, shading area and raise in conversion efficiency. Residual stress distribution can be more even, reducing the micro-cracks risks.

IP67 Rated Junction Box



IP67 rated junction box ensures an outstanding waterproof level, supports installations in all orientations and reduces stress on the cables. High reliable performance, low resistance connectors ensure maximum output for the highest energy production.

Higher Power Output

High power output

Compared to normal module, the power output can increase 5W-10W



High PID resistant

Advanced cell technology and qualified materials lead to high resistance to PID



Excellent weak light performance

More power output in weak light condition, such as haze, cloudy and morning



Anchor current sorting process

System output maximized by reducing mismatch losses up to 2% with modules sorted & packaged by amperage



Extended wind and snow load tests

Module certified to withstand extreme wind (2400 Pascal) and snow loads (5400 Pascal)*



Withstanding Harsh Environment

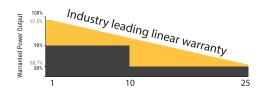
Reliable quality leads to better sustainability even in harsh environment like desert, farm and coastline

Trust Anchor to Deliver Reliable Performance Over Time

- World-class manufacturer of crystalline silicon photovoltaic modules
- Unrivaled manufacturing capacity and world-class technology
- Rigorous quality control meeting the highest international standards: ISO9001:2015, ISO 14001:2015, ISO 45001:2018
- Regular independently checked production process from international accredited institute/company
- Tested for harsh environments (salt mist, ammonia corrosion and sand blowing testing: IEC 61701, IEC 62716, DIN EN 60068-2-68) ***
- Long-term reliability tests
- 2 x 100% EL inspection ensuring defect-free

Industry-leading Warranty based on nominal power

- 97.5% in the first year, thereafter, for years two (2) through twenty-five (25), 0.7% maximum decrease from MODULE's nominal power output per year, ending with the 80.7% in the 25th year after the defined WARRANTY STARTING DATE.** 25
- 12 year product warranty
- 25 year linear performance warranty



DIN EN 61215 (VDE 0126 - 31)
DIN EN 61730 - 1 (VDE 0126 Teil)
DIN EN 61730 - 2 (VDE 0126 30 - 1 - 30 - 2)

Certifications and standards: IEC 61215, IEC 61730 IEC 62804 | IEC 62716 | IEC 61701 ""



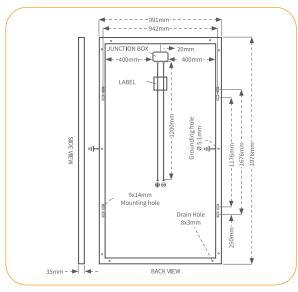


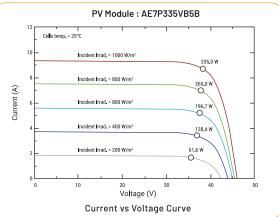
Made in India PV Modules

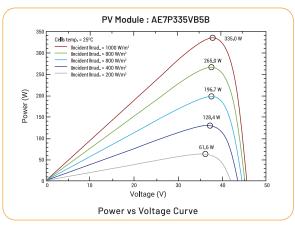
E-mail: solar@in.panasonic.com www.lsin.panasonic.com

^{*} Please refer to Anchor Standard Module Installation Manual for details. ** Please refer to Anchor Product Warranty for details. **Conditions Apply











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Electrical Characteristics

STC	AE7P335 VB5B	AE7P330 VB5B	AE7P325 VB5B
Wattage Wp	335	330	325
Voltage at Max Power, Vmax	38.02	37.91	37.80
Open Circuit Voltage, Voc	46.00	45.95	45.90
Current at Max Power, Imax	8.81	8.70	8.60
Short Circuit Current, Isc	9.37	9.25	9.13
Fill Factor	77.72	77.64	77.55
Module Efficiency	17.11	16.85	16.60
Operating Temperature (°C)	-40°C ~ +85°C		
Maximum System Voltage	1000VDC (IEC)		
Maximum Series Fuse Rating	15A		
Power Tolerance	0 to 5Wp		

STC: Irradiance 1000 W/m², Module temperature 25 °C, AM=1.5 # PLSIND reserves the right to adjust the listed parameters without notice.

Temperature Characteristics

Temperature Coefficient of Pmax	-0.35 %/°C	
Temperature Coefficient of Voc	-0.31 %/°C	
Temperature Coefficient of Isc	+0.06 %/°C	
Nominal Operating Cell Temperature (NOCT)	45+-2°C	

Mechanical Characteristics

Cell Type	Poly-crystalline 156.75 x 156.75 (6.17 inches)
No.of Cells	72 (6 x 12)
Dimensions	1976x991x35mm (77.795x39.01x1.37inch)
Weight	22.5 kgs (51.80 lbs.)
Front Glass	3.2mm, High Transmission, Low Iron, Tempered Glass
Frame	Anodized aluminum alloy
Junction Box	IP67 rated
Output Cables	4.0 Sqm, Length: 1200mm
Connectors	MC4 compatible
Maximum Snow Load	550 Kg/m ²
Maximum wind Load	200Km/h
Hailstone Impact Test	80km/h for 25 mm ice ball

Packing Configuration

Container	20' GP	40' GP	
Pieces per pallet	30	30	
Pallets per container	10	22	
Pieces per container	300	660	

PLSIND stands for Panasonic Life Solutions India Pvt. Ltd.

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Registered Office: 12th Floor, Ambience Tower, Ambience Island, NH-48, Gurugram, Haryana - 122 002.

For queries and communication: 3 rd Floor, B Wing, I-Think Techno Campus, Pokhran Road No 2, Thane (west)-400607, Maharashtra.

T: (9122) 42228888 | F: (9122) 42228888 | Customer care no.: (022) 41304130 | WhatsApp No: 91360 28606

Email: solar@in.panasonic.com | www.lsin.panasonic.com