



XLP SERIES

5BB MONO PERC/MONO CRYSTALLINE SOLAR PV MODULES

Best in Class Efficiency upto 20.10%

5BB Mono Cells

FEATURES



Enhanced Power Generation During its Life Cycle



Improved Temperature Coefficients - Better Generation at Higher Temperature



Excellent Module Performance



Lower LCOE (Levelized Cost of Electricity) - Faster Return on Investment (ROI)



Manufactured in Fully Automatic Production Line



100% in line Hi-Pot testing, 100% EL Testing at 2 stages in process and Final Testing



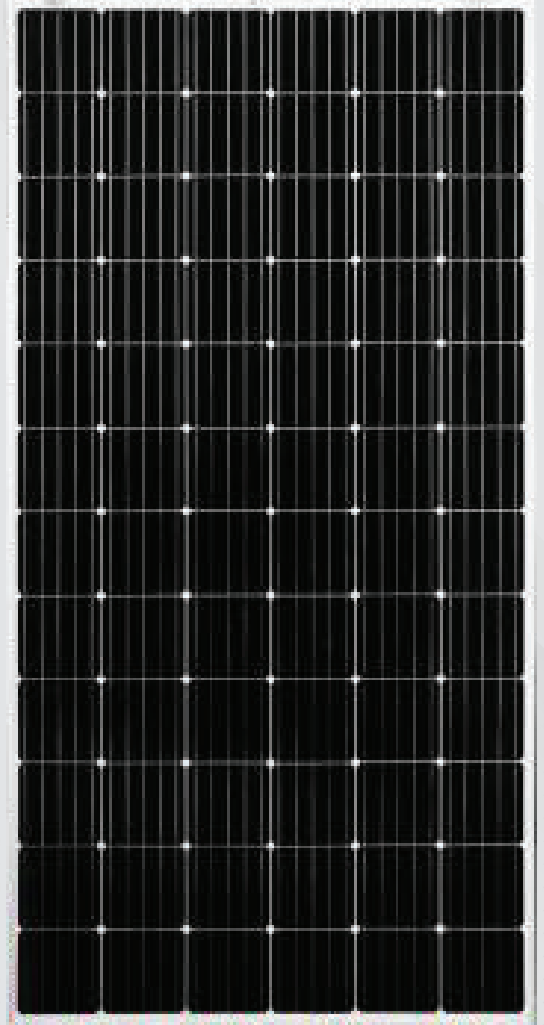
Manufactured using certified Tier 1 BOM Meeting Highest Quality Standards



Certified for Pollution Degree II, Salt Mist Resistant (Severity 6), Ammonia & PID Resistant



Better reliability under Extreme Environmental Conditions





5BB MONO PERC/MONO CRYSTALLINE SOLAR PV MODULES

360-410W



ELECTRICAL DATA - STC* & NOCT**

S. NO.	MODEL	ADM-360W	ADM-370W	ADM-380W	ADM-410W
1	Peak power, (0~ + 4.99 Wp) Pmax (Wp)	360	370	380	410
2	Maximum voltage, Vmpp (V)	38.30	38.40	38.60	39.74
3	Maximum current, Impp (A)	9.41	9.3	9.85	10.33
4	Open Circuit Voltage, Voc (V)	47.70	48.00	48.30	46.97
5	Short circuit current, Isc (A)	9.78	9.90	10.05	11.02
6	Module efficiency (%)	19.04	19.57	20.10	21.00

*STC: Irradiance 1000 W/m², cell temperature 25°C, air mass AM1.5 according to EN 60904-3.
Average efficiency reduction of 5 % at 200 W/m² according to EN 60904-1. Output Power - 0/+5W

MECHANICAL DATA

Length x Width x Height	1965 x 990 x 40 mm
Weight	21.5 kg ± 0.500 kg
Junction Box	IP67 / IP68 3 Bypass diodes
Cable & Connectors	1000mm length cables & MC4 Connectors
Application Class	Class A (Safety Class II)
Superstrate	High transmittance ARC Glass
Cells	72 Mono PERC / Monocrystalline, 5BB Solar Cells
Cell Encapsulant	EVA (Ethylene Vinyl Acetate)
Back Sheet	Composite Film
Frame	Anodized aluminium frame with twin wall profile
Mechanical Load Test	5400 pa-front ; 2400 pa-back
Maximum Series Fuse Rating	25 A

TEMPERATURE RATINGS

Nominal Operating Cell Temperature (NOCT)	45°C (±2°C)
Temperature Coefficient of Voc	-0.27%/°C
Temperature Coefficient of Isc	0.045%/°C
Temperature Coefficient of Pmax	-0.35%/°C

PERMISSIBLE OPERATING CONDITIONS

Temperature Range	-40°C to +85°C
Maximum System Voltage	1500 V DC
Max. Series Fuse Rating	25 A

WARRANTY AND CERTIFICATIONS

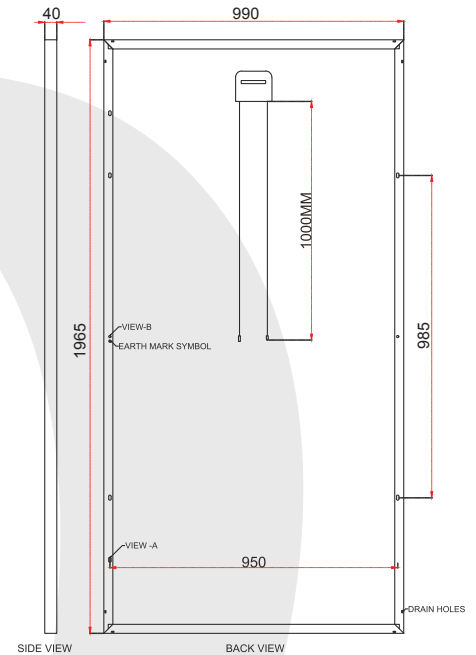
Product Warranty	10 years Product Warranty
Performance Guarantee	25 year Linear Performance Warranty

PACKAGING CONFIGURATION

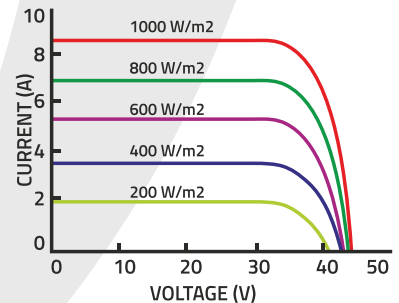
Qty.: 25 in 1 Pallet

Qty.: 02 in 1 Box

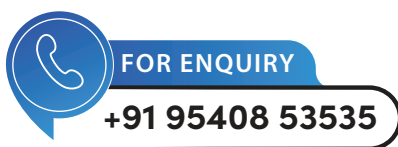
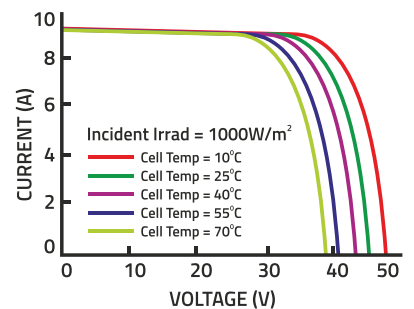
Dimension of PV Module
Unit: mm



I-V Curve Variation With Irradiance



I-V Curve Variation With Irradiance



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