

HDM 72CELLS 350WP-370WP PERC SOLAR MODULE

Reliable Quality

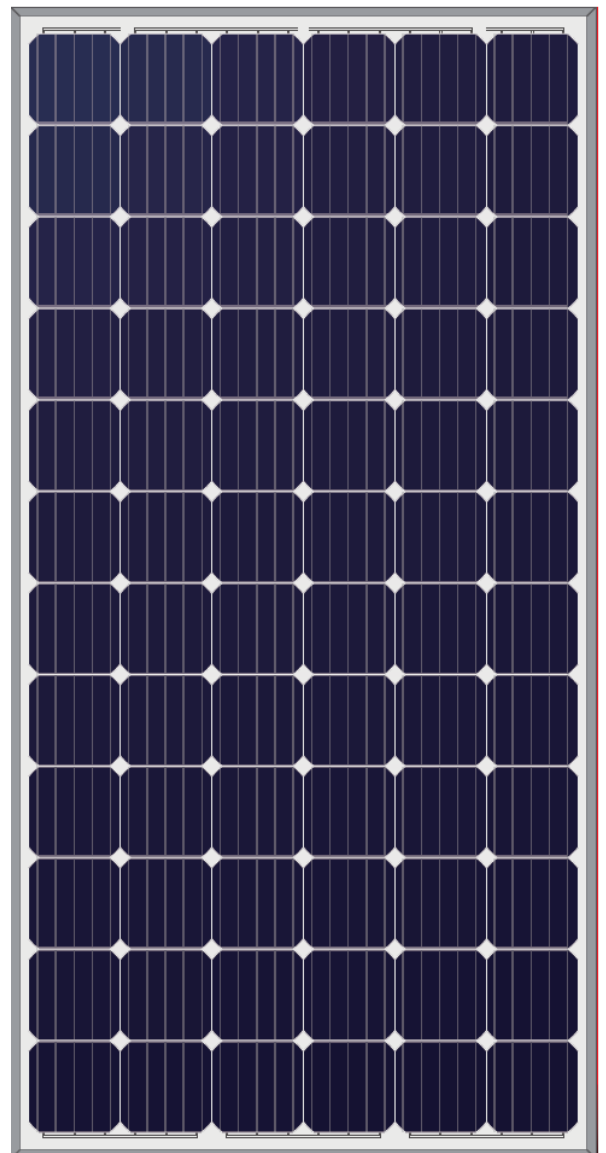
- Positive power tolerance: 0-- +5w
- High module conversion efficiency up to 19.1%
- Slower power degradation enabled by low LID Mono PERC technology first year <2% .055% year 2-25
- Better energy yield with excellent low irradiance performance and temperature coefficient
- Solid PID resistance ensured by solar cell process optimization and careful module BOM selection
- Adaptable to harsh environment passed rigorous salt mist and ammonia tests

MECHANICAL PARAMETERS

Cell(mm)	Mono156.75×156.75 PERC
Weight(kg)	26.5KG
Dimensions(L×W×H)(mm)	1956×991×45mm
Cable cross section size(mm ²)	4mm ² 1200mm in length
NO.of cells and connections	72(6×12)
Junction Box	IP67, 3 diodes
Connector	MC4 or MC4 comparable
Packaging configuration	23pcs Per Pallet

WORKING CONDITIONS

Maximum system voltage	DC1000V(IEC)
Operating temperature	-40°C--- +85°C
Maximum series fuse	20A
Maximum static load, Front (e.g., snow and wind)	5400Pa(112 lb/ft ²)
Maximum static load, Back (e.g., wind)	2400Pa(50LB/ft ²)
NOCT	45±2°C
Application class	Class A



Electrical data in this catalog do not refer to a single module and they are not part of the offer. They only serve for comparison among different module types

HD solar power ltd

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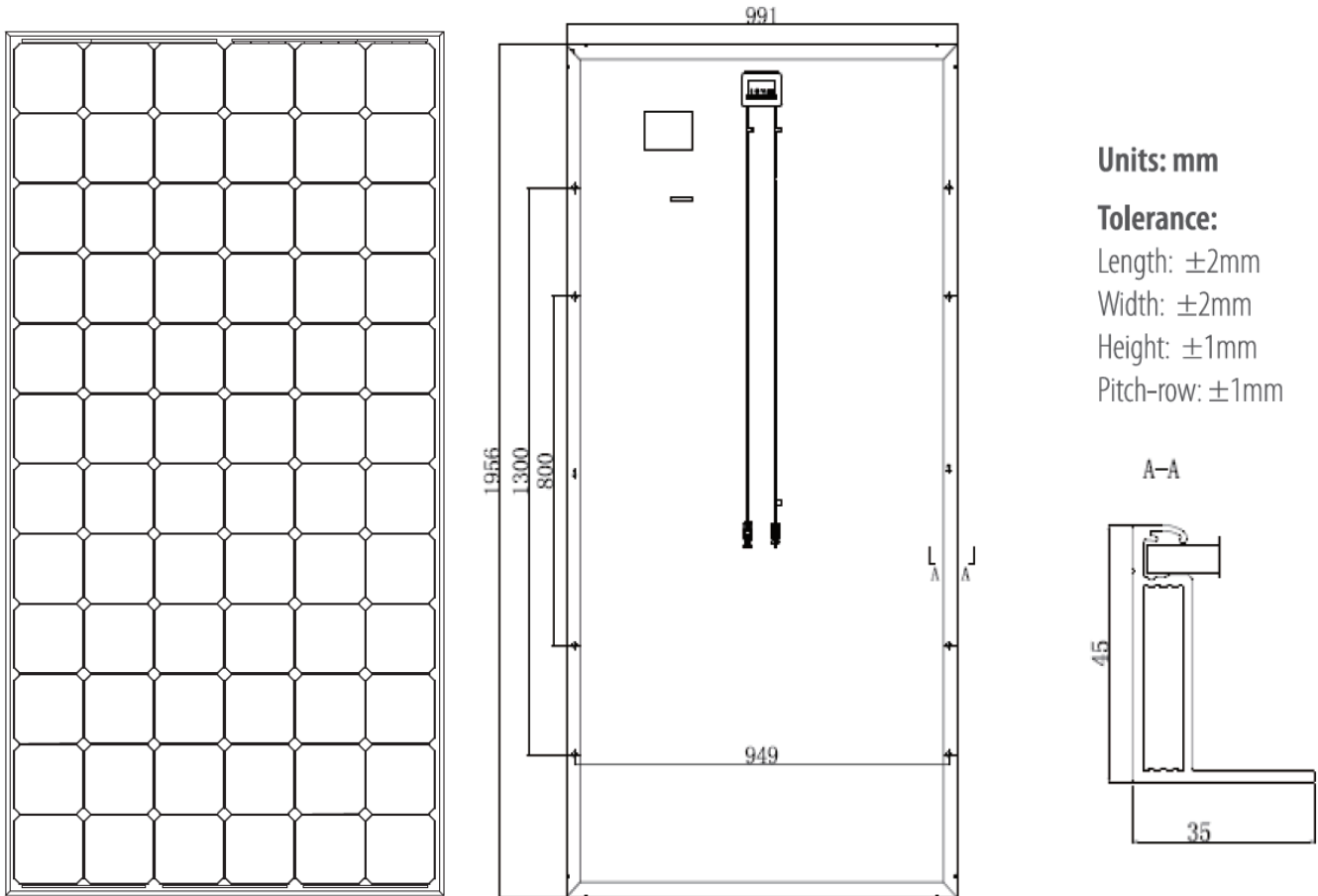
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Engineering Drawings



customized cable length available upon request

ELECTRICAL PARAMETERS

TYPE BIFI(D/G)	HDM350	HDM355	HDM360	HDM365	HDM370
Rated maximum power at STC(W)	350	355	360	365	370
Open circuit voltage (Voc/V)	47.50	47.70	47.90	48.00	48.30
Maximum power voltage(Vmp/V)	38.80	39.00	39.20	39.30	39.40
Short circuit current(Isc/A)	9.57	9.63	9.70	9.74	9.84
Maximum power current(Imp/A)	9.03	9.10	9.18	9.29	9.39
Module Efficiency [%]	17.7	18.3	18.6	18.7	19.1
Power tolerance (W)	-0 to +5w				
Temperature coefficient of Isc(α_{Isc})	+0.057%/°C				
Temperature coefficient of Voc(β_{Voc})	-0.286%/°C				
Temperature coefficient of Pmax(γ_{Pmp})	-0.380% °C				
STC	Irradiance 1000W/m ² , Module Temperature 25°C, Air Mass 1.5				

I-V CURVE

