

# AC OUTPUT COMBO

## MICRO-INVERTER + PHOTOVOLTAIC MODULE



### Multiple Crystalline PM60-6RT SERIES

- 60** 60 cell module
- 20**  
Years 20 years warranty
- 20**  
% 20% more Harvest
-  Fire resistance test Passed



## PV MODULE with MICRO-INVERTER

- Support Up to 300W as the most competitive scenario.
- Workable under strict environment, -60~120°C temperature and 50G vibration.
- No grounding field-wiring for micro-inverter.
- Maximum full power operating altitude 2000M.
- Full power operation up to 70°C ambient temperature.
- Resettable GFDI Interrupter instead of Fuse.
- Robust and Low-loss RS-485 communication.



# Solar Module with Micro-inverter

## Solar Module Physical Specifications

Dimension [L x W x H] & Area	1640 x 992 x 40 mm, 1.627 m <sup>2</sup>
Weight	21.2 Kg

## AC Output Data: Performance at STC\*

Nominal Output Current	1.20 A @ 240 Vac
Nominal Voltage / Range	240 Vac / 211~264 Vac
Nominal Frequency / Range	60.0 Hz/59.3~60.5
Power Factor	>0.95
Total Harmonic Distortion	<5 %
Maximum Units Per Branch	11
Fault Current	3.4 A (RMS)
Peak Inverter Efficiency	96.5 %
CEC Weighted Efficiency	96 %
MPP Tracking Efficiency	99.7 %

\*STC: Standard Test Condition, 1000W/m<sup>2</sup>, AM 1.5, 25°C

\*\* Actual AC output depends on practical operating environment.

## Micro-inverter Operating & Storage Temperature

Operating Temperature Range °F, °C	-40°F to +158°F (-40°C to +70°C)
Storage Temperature Range °F, °C	-40°F to +158°F (-40°C to +70°C)

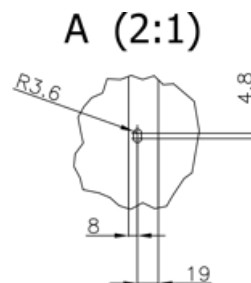
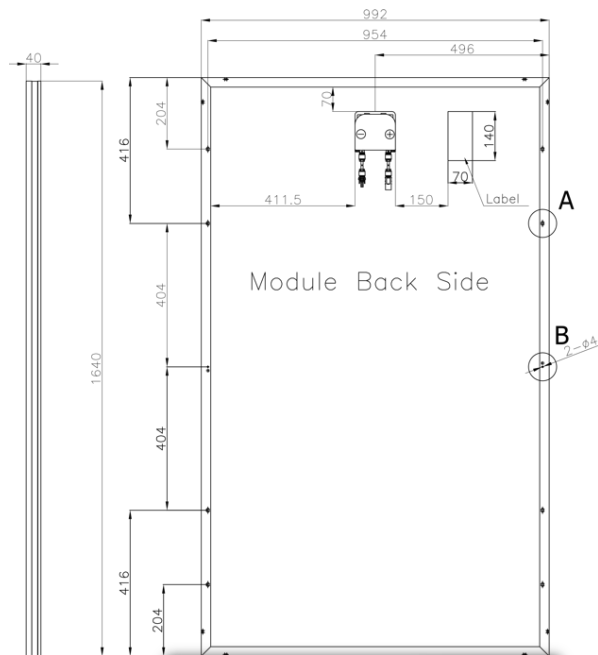
## Solar Module Characteristics

Cell Technology	Poly Crystalline
Cell Size	156 x 156 mm
Micro Inverter Connectors	EN50521 Certified, double locking connector.
Fire Resistance Class	Class C
Application Class	Class A (Safety Class II)
Operating Temperature(°F, °C)	-40 to 185 °F, -40 to 85 °C
Waterproof Class	Module/ IP65, Micro Inverter/ IP67.
Mechanical Load	Up to 6000Pa according to IEC 61215.

## Warranty

PV Module	10 Years
PV Output 90% Efficiency	10 Years
PV Output 80% Efficiency	20 Years
Micro Inverter Warranty	20 Years
Micro Inverter Cable Warranty	20 Years (1 Year for cable or clip which purchased separately)
ACPV Certifications	UL 1703, CEC listing, IEC61215 / 61730-1 & 2
Micro Inverter Certifications	UL 1741 / IEEE1547, CSA C22.2 No. 107.1

\*\*For more information, please read the warranty card.



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