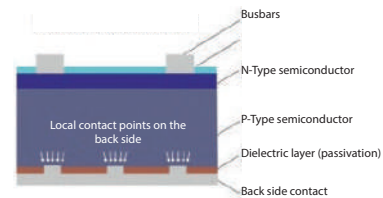
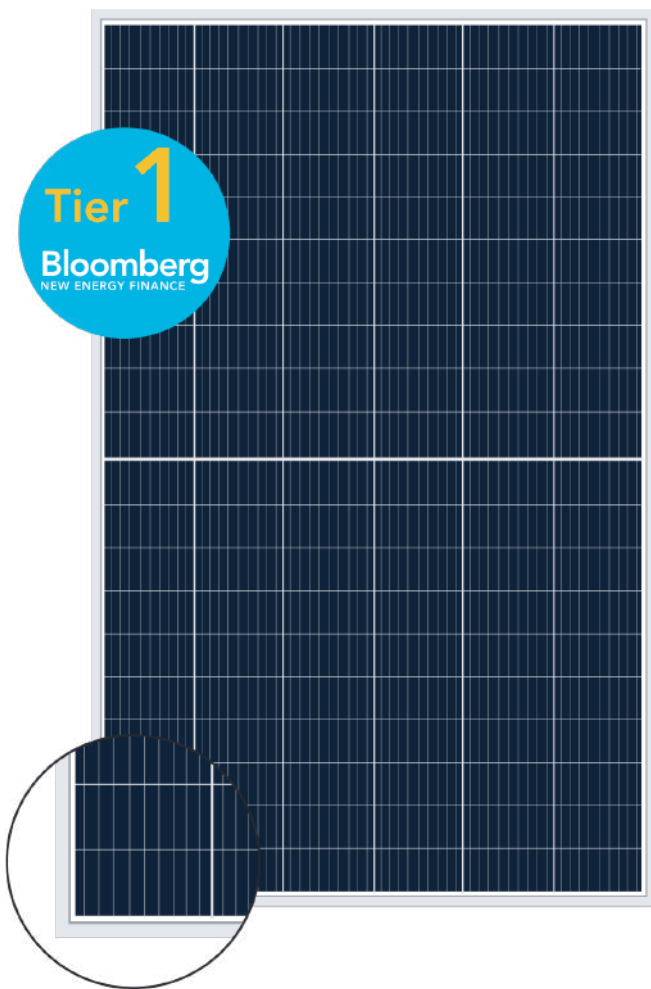


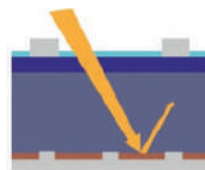
# AB-60MHC

330 W  
335 W  
340 W

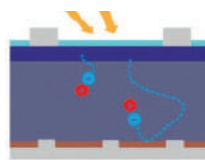
120 (6×20) 158.75×79.38mm MBB



**Technology**  
**PERC**



**Increasing the absorption capacity of the photocell**



**Reflection of electrons in the p-n transition zone**

## WHY ABI-SOLAR?

- Manufacturing and assembly of PV modules are performed only on East Asian enterprises from **Bloomberg Tier 1** list.
- PV modules are tested and demonstrate high reliability in various climatic conditions and in a wide range of insolation.
- High efficiency and return on investment guaranteed around the world.
- Modules certified by global testing facilities: IEC61215, IEC61730, CE, ROHS, TÜV.
- Manufacturing with international quality standards and environment management system: ISO9001 and ISO14001.
- Maximum power and performance at minimal price ensure fast return of investments.
- Compatibility with both on-grid and off-grid PV systems guaranteed.

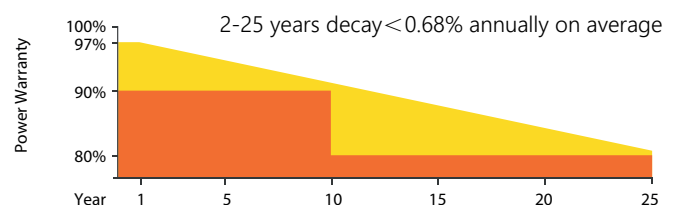
## INDUSTRY-LEADING WARRANTY BASED ON NOMINAL POWER

**12**

**YEAR**  
Manufacturing Warranty

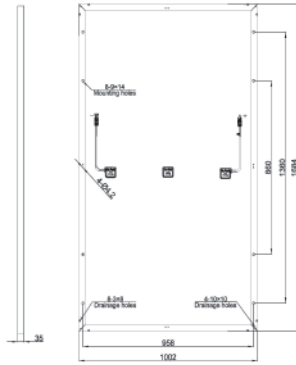
**25**

**YEAR WARRANTY**  
80% Power Output



# AB-60MHC

## MECHANICAL DRAWINGS



## MECHANICAL SPECIFICATIONS

Cell type	Mono crystalline
Dimensions (AxBxC)	1684x1002x35 mm
Weight	19.0 kg
Frame	Anodized aluminium alloy
Junction	IP67, 3 bypass diodes
Connector	MC4 Compatible
Output cables	4.0 mm <sup>2</sup> , 900 mm
Maximum snow load (IEC 61215)	5400Pa

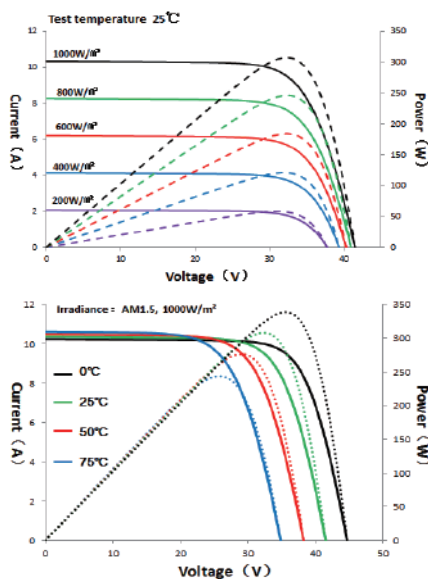
## ELECTRICAL CHARACTERISTICS (STC)

	AB330-60MHC	AB335-60MHC	AB340-60MHC
Maximum Power (Pmax)	330W	335W	340W
Shot Circuit Current (Isc)	10.31A	10.36A	10.55A
Open Circuit Voltage (Voc)	41.30V	41.50V	41.70V
Maximum Power Current (Imp)	9.77A	9.87A	9.96A
Maximum Power Voltage (Vmpp)	33.80V	34.00V	34.20V
Module Efficiency	19,6%	19,9%	20,2%
Power Tolerance		0~+3%	
Maximum System Voltage		1500V DC(IEC)	
Maximum Series Fuse		20A	

## NOCT

	AB330-60MHC	AB335-60MHC	AB340-60MHC
Maximum Power (Pmax)	243.7W	247.4W	248.7W
Shot Circuit Current (Isc)	8.33A	8.37A	8.52A
Open Circuit Voltage (Voc)	38.06V	38.22V	38.33V
Maximum Power Current (Imp)	7.84A	7.88A	7.92A
Maximum Power Voltage (Vmpp)	31.10V	31.38V	31.39V

STC irradiance: 1000 W/m<sup>2</sup> module temperature: +25 °C AM=1.5 NOCT irradiance: 800 W/m<sup>2</sup> module temperature: +20 °C AM=1.5



## TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	45±2 °C
Temperature Coefficient of Pmax	-0,39 %/°C
Temperature Coefficient of Voc	-0,3 %/°C
Temperature Coefficient of Isc	0.050 % /°C
Operating Temperature	-40~+85 °C

## PACKING CONFIGURATION

	1684x1002x35 mm	
Container	40'GP	40'HQ
Pieces per Pallet	30	30(+4)
Pallets per Container	28	28
Pieces per Container	840	896

## QUALIFICATIONS AND CERTIFICATES



Specifications are subject to change without prior notification

PL07

www.abi-solar.com