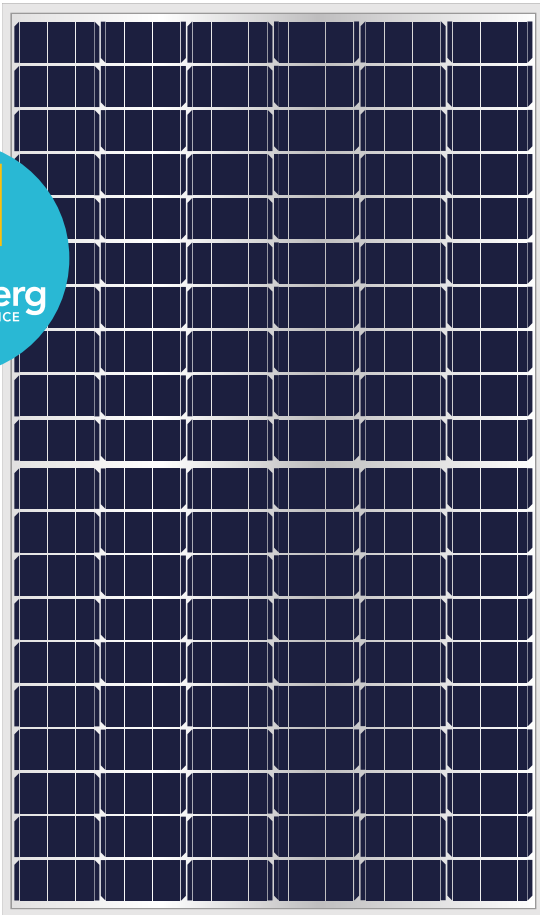


AB-60MHC

370 W
375 W
380 W

120 (6 × 20) 166×83mm 9BB



Higher output, efficiency & ROI due to reduced "Cell To Module" loss.



Modules certified by TÜV to withstand high level of wind loads (2400 Pa) and snow loads (5400 Pa)



50% Higher Yield due to better shading response

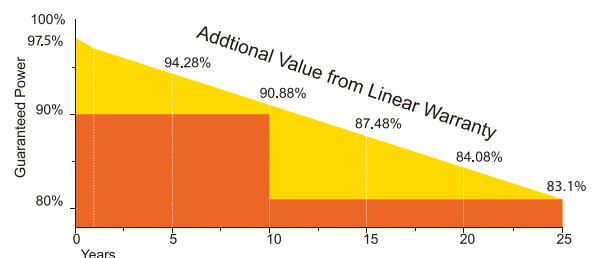


Twice Less Mismatch Loss due to double internal strings of cells.

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: IEC 61215, IEC61730, CE, ROHS, TÜV.
- Manufacturing with international quality standards and environment management system: ISO9001, ISO14001 and OHSAS18001.
- 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

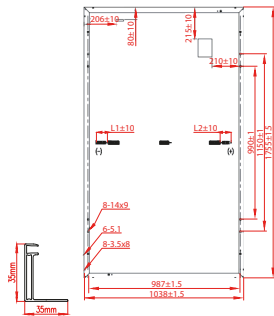
25

YEAR WARRANTY

83.1% Power Output

AB-60MHC

MECHANICAL DRAWINGS



MECHANICAL SPECIFICATIONS

Cell type	Mono crystalline
Dimensions (AxBxC)	1755×1038×35mm
Weight	19.5 kg
Frame	Anodized aluminium alloy
Junction	IP68
Connector	MC 4 Compatible
Output cables	4mm ² (IEC) Length: (+)200mm,(-)300mm
Maximum snow load (IEC 61215)	5400Pa

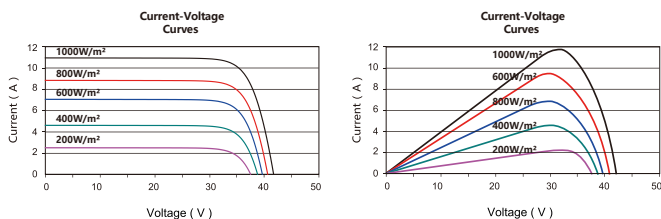
ELECTRICAL CHARACTERISTICS (STC)

	AB370-60MHC	AB375-60MHC	AB380-60MHC
Maximum Power (Pmax)	370W	375W	380W
Shot Circuit Current (Isc)	11.72A	11.85A	11.98A
Open Circuit Voltage (Voc)	41.5V	41.6V	41.7V
Maximum Power Current (Imp)	10.86A	10.98A	11.09A
Maximum Power Voltage (Vmpp)	34.1V	34.2V	34.3V
Module Efficiency	20.3%	20.6%	20.9%
Power Tolerance	0~+5W		
Maximum System Voltage	1000V / 1500V DC(IEC)		
Maximum Series Fuse	15A		

NOCT

	AB370-60MHC	AB375-60MHC	AB380-60MHC
Maximum Power (Pmax)	274W	278W	281W
Shot Circuit Current (Isc)	9.46A	9.57A	9.67A
Open Circuit Voltage (Voc)	39.2V	39.3V	39.4V
Maximum Power Current (Imp)	8.51A	8.61A	8.67A
Maximum Power Voltage (Vmpp)	32.2V	32.3V	32.4V

STC irradiance: 1000 W/m² module temperature: +25 °C AM=1.5 NOCT irradiance: 800 W/m² module temperature: +20 °C AM=1



TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	45±2 °C
Temperature Coefficient of Pmax	-0,39 %/°C
Temperature Coefficient of Voc	-0,29 %/°C
Temperature Coefficient of Isc	0,049% /°C
Operating Temperature	-40~+85 °C

PACKING CONFIGURATION

	1755×1038×35mm
Container	40 HQ
Pieces per Pallet	60+2
Pallets per Container	26
Pieces per Container	806

QUALIFICATIONS AND CERTIFICATES



Specifications are subject to change without prior notification

PL05

www.abi-solar.com