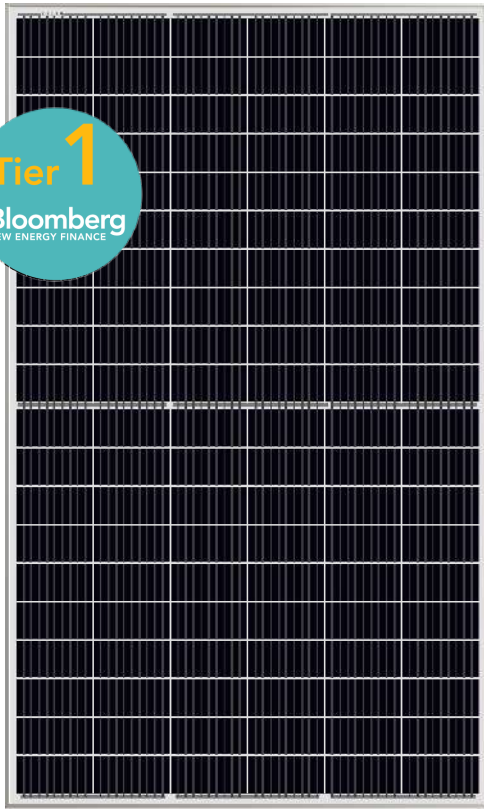
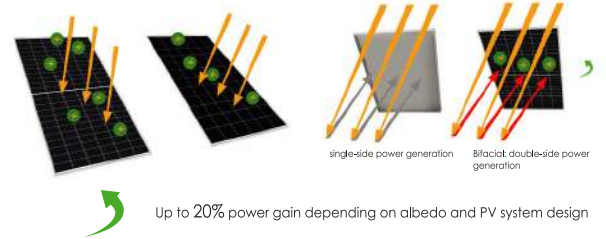


AB-60MHC(BF-GI)

120 (6x20) 156,75x78,3m

325W
330W
335W

Monocrystalline PV modules



Half cell design

The HC design 120-cell brings lower cell connection loss and lower thermal coefficients at high operation temperatures

High Efficiency

Leading PERC technology achieves higher module efficiency up to frontside 19.03% and 22.84% with backside 20% power boost

Excellent Low-light Performance

Advanced solar cell surface texturing technology allows for excellent performance in low-light environments.

High Reliability

0.5% annual degradation. Strict in-house testing in Lab which CNAS & VDE certified to ensure the 30year linear power warranty

Highly Strengthened Design

Framed Double Glass design. Certified to withstand: 5400Pa snow load and 2400Pa wind load

PID Resistant

PID issue is resolved by unique structural design

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 our climatic conditions and in a wide range of insolation.

High efficiency and return on investment guaranteed around the world.

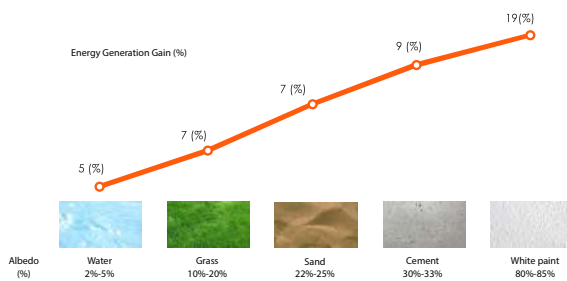
Modules certificated by global testing facilities: IEC61215, IEC61730, CE, ROHS, TÜV.

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.

Real Energy Generation Gain



12

YEAR

Manufacturing Warranty

12

YEAR WARRANTY

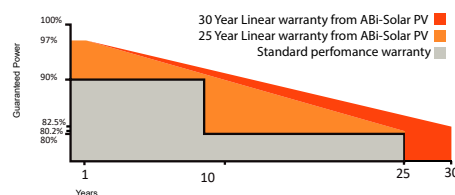
90% Power Output

30

YEAR WARRANTY

80% Power Output

INDUSTRY-LEADING WARRANTY BASED ON NOMINAL POWER



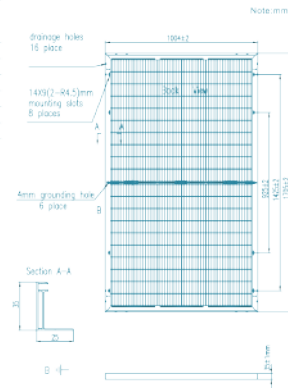
Based of nominal power (P_{nom})

30-year transferrable power output warranty:

95% - 5 years; 90% - 12 years; 85% - 18 years; 80% - 25 years

12-year material and workmanship

MECHANICAL DRAWINGS



MECHANICAL SPECIFICATIONS

Cell type	Mono crystalline
Number of cell	120 (6x20) 156,75 x 78,3mm
Dimensions (AxBxC)	1705x1004x35 mm
Weight	26,5 kg
Front glass	2.5 mm low iron tempered glass
Junction Box	IP67
Connector	MC4 Compatible
Output cables	length: 400 mm, 4.0 mm ²
Maximum snow load (IEC 61215)	5400Pa

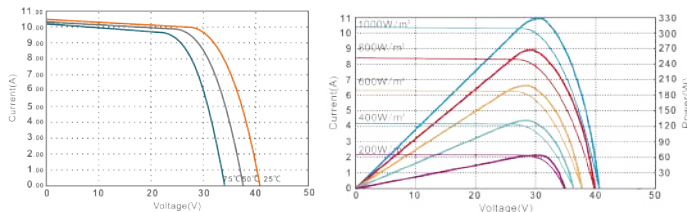
ELECTRICAL CHARACTERISTICS (STC)

	AB325-60MHC(BF-GI)	AB330-60MHC(BF-GI)	AB335-60MHC(BF-GI)
Maximum Power (Pmax)	325W	330W	335W
Shot Circuit Current (Isc)	10.17A	10.26A	10.35A
Open Circuit Voltage (Voc)	40.8V	41.0V	41.2V
Maximum Power Current (Impp)	9.76A	9.85A	9.94A
Maximum Power Voltage (Vmpp)	33.3V	33.5V	33.7V
Module Efficiency	18.99%	19.28%	19.57%
Power Tolerance		(0~+5 W)	
Maximum System Voltage		1500V	
Maximum Series Fuse		15A	

NOCT

	AB325-60MHC(BF-GI)	AB330-60MHC(BF-GI)	AB335-60MHC(BF-GI)
Maximum Power (Pmax)	238.8W	242.5W	246.2W
Shot Circuit Current (Isc)	8.18A	8.25A	8.33A
Open Circuit Voltage (Voc)	37.85V	38.04V	38.22V
Maximum Power Current (Impp)	7.79A	7.86A	7.93A
Maximum Power Voltage (Vmpp)	30.68V	30.86V	31.05V

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



TEMPERATURE CHARACTERISTICS

Nominal Operating Cell Temperature (NOCT)	45±2 °C
Temperature Coefficient of Pmax	-0,390 %/°C
Temperature Coefficient of Voc	-0,290 %/°C
Temperature Coefficient of Isc	+0.049 %/°C
Operating Temperature	-40~+85 °C

PACKING CONFIGURATION

Container	40'HQ
Pallet Size (L/W/H)	1725 x 1120x 2440 mm
Pieces per Container	832
Pallets per Container	13
Pieces per Pallet	64
Pallet Weight	1292 kg

QUALIFICATIONS AND CERTIFICATES



Specifications are subject to change without prior notification