

B120 (370 Wp)

- **High Efficiency through half cut cells**
up to 20% Module Efficiency (STC)
- **Powerful Bifacial Module with Frame**
- **Extended Warranty**
10 years product warranty, 30 years power output warranty
- **Best suitable for large PV Power Plant Projects**



Outstanding Performance in case of Wind and Snow Load

Certified to withstand high wind loads of 2400 pa and snow loads of 5400 pa.



No Micro Cracks

No Micro Cracks under harsh transportation, complicated handling and installation conditions as well as during lifetime of operation.



PID free

Guaranteed free of PID (potential induced degradation)



Half cut cell technology

New circuit design, **Lower internal current, Lower resistance loss**

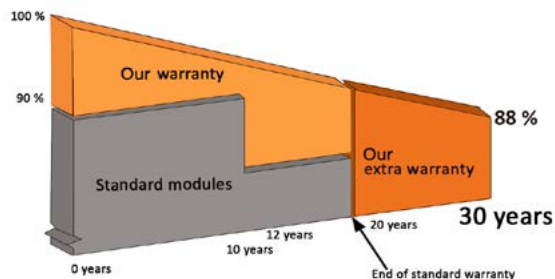


Load Capacity

Our modules are made of laminated safety glass. They can bear the **highest loads of approx. 450 kg/m²**

International Certificates:

- IEC 61215, IEC 61730
- ISO 9001:2015 (Quality management systems)
- ISO 14001:2015 (Environmental management systems)
- OHSAS 18001:2015 (Occupational health and safety)



DIMENSIONS: 1791 x 1052 x 30 mm

with frame

B120 (370 Wp)

mono PERC bifacial halfcut cells

Electrical Specification (STC)

Maximum Power at (Pmax)	370 Wp
Optimum Operating Voltage (Vmp)	34.1 V
Optimum Operating Current (Imp)	10.85 A
Open Circuit Voltage (Voc)	41.4 V
Short Circuit Current (Isc)	11.41 A
Module Efficiency	20 %
Maximum System Voltage	1500 V DC (IEC)
Operating Module Temperature	-40°C to +85°C
Maximum Series Fuse Rating	20 A
Power Tolerance	0/+5W
Temperature Coefficient of Pmax	-0.360 %/°C
Temperature Coefficient of Voc	-0.290 %/°C
Temperature Coefficient of Isc	0.049 %/°C
Pressure Bearing	5400 Pa
Wind Bearing	3800 Pa

Mechanical Specification

Solar Cell	166 x 83 mm (mono PERC bifacial halfcut)
No. of Cells	120 (6 x 20)
Dimensions	1791 x 1052 x 30 mm
Weight Size 1	20.2 kg
Frame	Anodized aluminum alloy
Glass	2 mm low-iron tempered glass
Junction Box	IP68
Output Cables	length: 1100mm , cross-section: 4mm ²
Connectors	MC4 compatible

Packing Configurations

40' HQ Container

Pieces per pallet	70
Pieces per container	480



Certificates



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