

M120 (370 Wp)

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



Global Tier1 bankable brand



12% more power than conventional modules



Lower power degradation
Lower internal current
Lower hot spot temperature



Outstanding mechanical load resistance
3800 Pa wind load, 5400 Pa snow load



Anti-PID (potential induced degradation)
Passed anti-PID test under 85% damp heat, 85% relative humidity for 96 hours



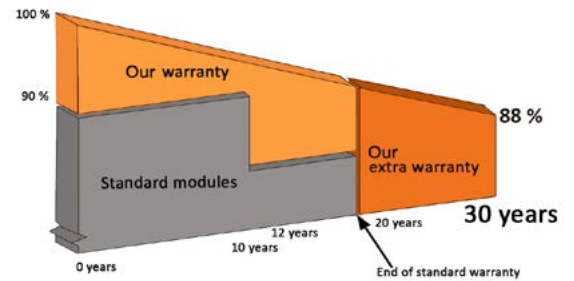
Great Durability against extreme conditions
Passed salt mist corrosion test, ammonia corrosion test, dust & sand test, fire test, all certified by TÜV



World famous insurance
CHUBB (USA), Solar Insurance & Finance (Netherlands)

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)



120
half cells

DIMENSIONS: 1776 x 1052 x 35 mm

with frame

M120 (370 Wp)

monocrystalline 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	15 A
Power Tolerance	0/+5%
Temperature Coefficient of Pmax	-0.360 %/°C
Temperature Coefficient of Voc	-0.330 %/°C
Temperature Coefficient of Isc	0.049 %/°C
Pressure Bearing	5400 Pa
Wind Bearing	3800 Pa

Mechanical Specification

Solar Cell	166 x 83 mm (monocrystalline halfcut)
No. of Cells	120 (6 x 20)
Dimensions	1776 x 1052 x 35 mm
Weight Size 1	20.2 kg
Frame	Anodized aluminum alloy
Glass	3.2 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	60 + 2
Pieces per container	806



Certificates



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