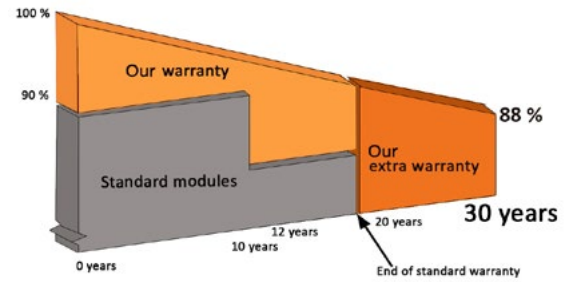


## M50 - 260 Wp

50  
cells

- **40% Light Transparency**
- **Double Glass Frameless Design**
- **Extended Warranty**  
10 years product warranty  
30 years power output warranty



### Outstanding Performance in case of Wind and Snow Load

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



### Slim Module Design - Ultrathin - Ultralight

2 mm thermally tempered glass exclusively used as front and back protection material, 12 kg/m<sup>2</sup>



### No Micro Cracks

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



### Fire Resistance

The double glass design helps to save the module from damage caused by arc and hot spots, eliminating potential dangers of fire.



### PID free

Guaranteed free of PID (potential induced degradation)



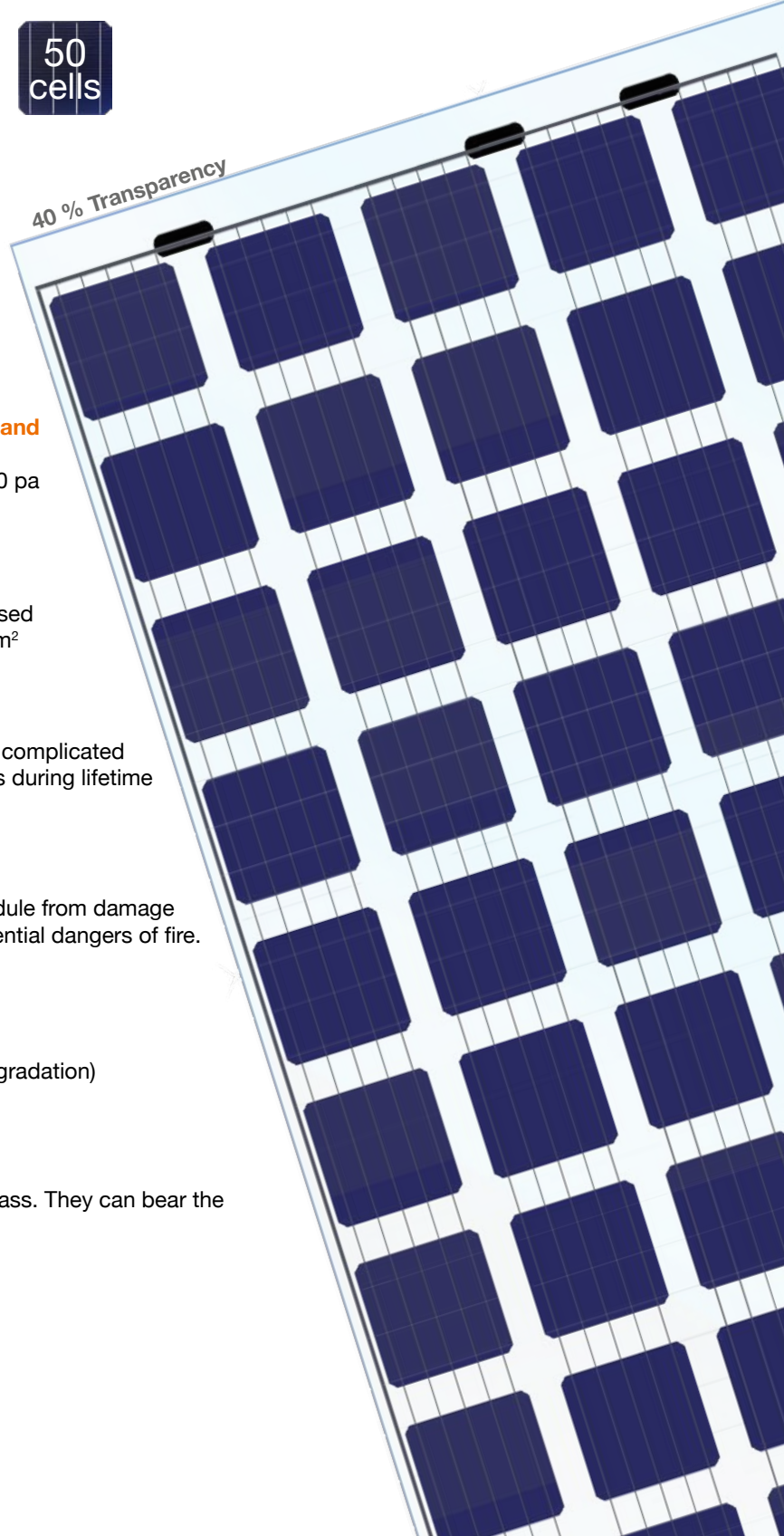
### Load Capacity

Our modules are made of laminated safety glass. They can bear the highest loads of approx. 450 kg/m<sup>2</sup>



### 2 mm tempered Solar Glass

Only 2 mm thin double sheets of glass.



# M50 - 260 Wp

Doppelglas Modul mit monokristallinen Zellen

## Electrical Specification (STC)

Maximum Power at (Pmax)	<b>260 Wp</b>
Optimum Operating Voltage (Vmp)	27,6 V
Optimum Operating Current (Imp)	9,43 A
Open Circuit Voltage (Voc)	32,7 V
Short Circuit Current (Isc)	10,22 A
Module Efficiency	13.2 %
Maximum System Voltage	1000 V DC (IEC)
Operating Module Temperature	-40 °C to +85 °C
Maximum Series Fuse Rating	20 A
Power Tolerance	0/+5 W

## Mechanical Specification

Solar Cell	Monocrystalline silicon 6 inches
No. of Cells	50 (5 x 10)
Dimensions Size 1	2000 x 1002 x 5 mm (without J-box)
Weight Size 1	24 kg
Front/Back Glass	2 mm heat strengthened glass
Junction Box	IP68 rated
Output Cables	4.0 mm <sup>2</sup> , symmetrical lengths (500 mm)
Connectors	MC4 compatible
Fire Safety Class	Class A

## Temperature Specification

Nominal Operating Cell Temperature (NOCT)	45±2°C
Temperature Coefficient of Pmax	-0.40 %/°C
Temperature Coefficient of Voc	-0.34 %/°C
Temperature Coefficient of Isc	0.060 %/°C

## Packing Configuration

### 40' HC Container

Pieces per pallet	33
Pallets per container	22
Pieces per container	726

## Certificates

