

20 YEARS
PRODUCT
GUARANTEE

25 YEARS
PERFORM.*
GUARANTEE

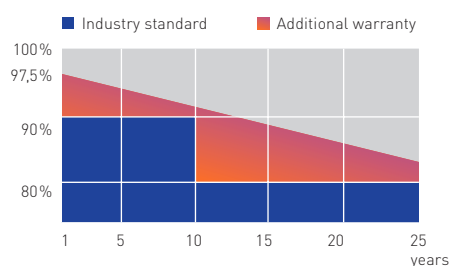
JONSOL

JSBM144

375-385W

MONO

The high quality and reliability of JONSOL are based on many years of production and industry experience, a mature module design and the automatic production process. The result is guaranteed high-performance JONSOL modules.



*Linear performance guarantee

The monocrystalline JONSOL module of the Black series is the first choice for customers with high aesthetic demands on their PV installation. It delivers high power ratings and higher levels of efficiency and is therefore particularly suitable for limited areas and roof installations. The partial shading yield is increased thanks to the half cells.

JONSOL quality features JSBM144 158B5

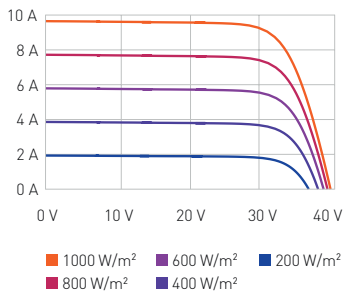
- Module efficiency up to 19.31 percent
- Monocrystalline high-performance solar cells
- Structured special glass
- Fully automatic production lines
- Certification according to IEC
- Comprehensive quality controls
- 100 % electroluminescence test
- IP67 junction box for safety and long-term weather resistance
- Plus sorting up to 5 Wp for a higher yield at the same price

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Technical data (STC)

	Module Type		
Nominal power (Pmax)	295 W	300 W	315 W
Nominal voltage (Umpp)	32.50 V	32.60 V	33.30 V
Nominal current (Impp)	9.08 A	9.19 A	9.46 A
Open circuit voltage (Uoc)	39.60 V	39.80 V	40.50 V
Short-circuit current (Isc)	9.68 A	9.77 A	10.00 A
Efficiency	18.02 %	18.33 %	19.24 %
Operation temperature	-40° C - +85° C		
Maximum system voltage	1000 V		
Fire Safety Class	Class A		
Reverse current capability	15 A		
Application classification	A		
Power tolerance (W)	0 - +3 %		

Mechanical data

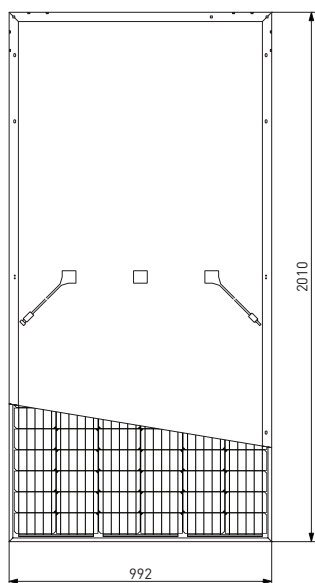
Tkoeff_P	-0.39 %/°C
Tkoeff_U	-0.29 %/°C
Tkoeff_I	0.050 %/°C
NOCT	43 +/-2° C

Mechanische Daten

Technology	monocrystalline
Size of cells	6 inch (158.75 x 158.75 mm)
Number of cells	144 half cells
Module size (L x W x H)	2010 x 992 x 40 mm
Weight	22.3 kg
Front/rear glass	3.2 mm, hardened
Frame	anodized aluminum alloy
Junction Box	IP67, 3 diodes
Cable	4 mm ² , cable length: 100 cm*
Connector	MC4 compatible

Packing units

Pieces per pallet	27 pcs
Pallets per 40' HC ctn	22 pcs
Total pcs	594 pcs



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