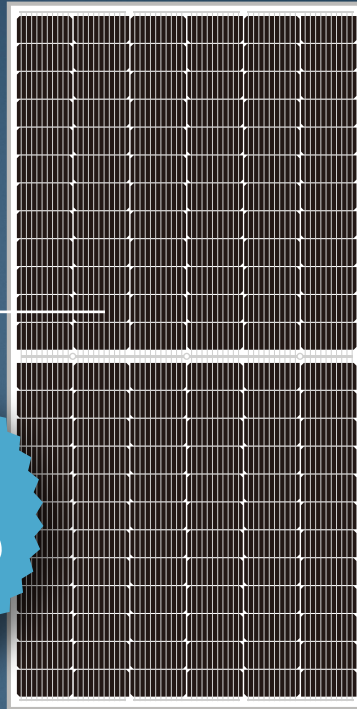


Energy + Home Automation

Photovoltaic module

KOPP 550Wp

10BB HALF-CELL Light-Weight
Monocrystalline PERC PV Module,
STC power: 550 Wp



Max. power
at STC:
550 Wp

Product features

- ✓ **Better Weak Illumination Response**
More power output in weak light condition, such as haze, cloudy, and early morning.
 - ✓ **Excellent Cells Efficiency**
SMBB technology reduce the distance between busbars and finger grid line which is benefit to power increase.
 - ✓ **Anti PID**
Ensured PID resistance through the quality control of cell manufacturing process and raw materials.
 - ✓ **Front Side Maximum Static Loading 5400 Pa**
Rear Side Maximum Static Loading 2400 Pa
 - ✓ **Adapt To Harsh Outdoor Environment**
Resistant to harsh environments such as salt, ammonia, sand, high temperature and high humidity environment.
- 12 YEARS Product warranty
- 25 YEARS Output guarantee

Clever sein.
Kopp einschalten.

Kopp

Product	
Article number:	
Product description:	KOPP-SH144-550/M
EAN-Code:	

Dimensions, Weight, Color	
Height / Width / Depth:	2279 x 1134 x 35 mm
Weight:	21±1.0 kg
Color:	silver

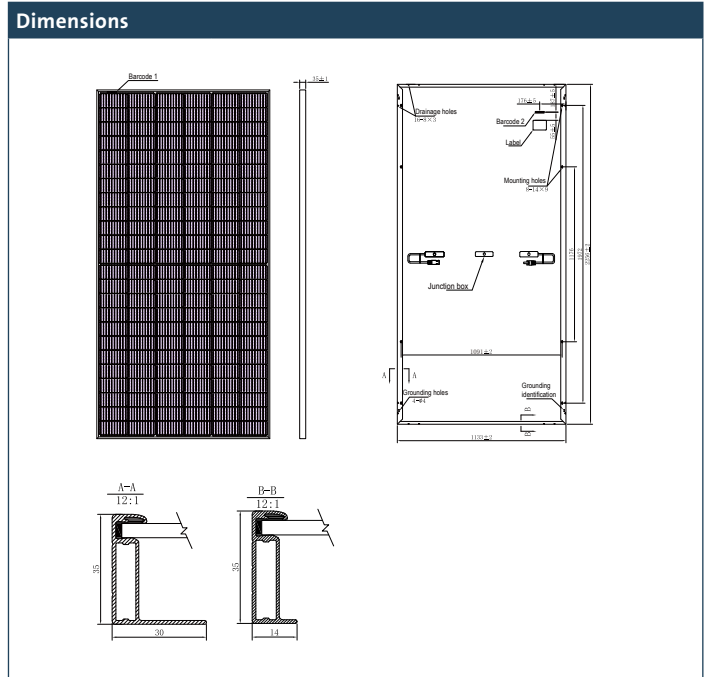
Specifications	
Solar Cells:	Mono PERC 144 (6 × 24)
Front screen:	3.2mm, High Transmission, AR Coated Tempered Glass
Frame:	aluminium alloy, Aluminiumthickness: 1.6 mm
Junction Box:	IP68, 3 diodes
Output cable:	4 mm ² , 350 mm, Connectors: MQ4
Mechanical Load:	Front side: 5400 Pa Back side: 2400 Pa

General	
Maximum Power at STC (Pmp):	550
Open Circuit Voltage (Voc):	50.1
Short Circuit Current (Isc):	13.90
Maximum Power Voltage (Vmp):	41.80
Maximum Power Current (Imp):	13.16
Module efficiency (%):	21.48
Maximum System Voltage:	1500V DC
Maximum Series Fuse Rating:	25 A

Operating conditions	
Temperature coefficient Pmax:	-0.35 %/°C
Temperature coefficient Voc:	-0.29 %/°C
Temperature coefficient Isc:	0.05 % / °C
Operating temperature:	-40 + 85 °C
Nominal operating temperature of the cell:	44 °C ± 2 °C
Modules / Pallets:	31
Modules/Container (40'HQ):	620

Quality certificates	
Quality systems:	IEC 61215 + IEC 61730

Certifications	
CE Declaration of Conformity:	yes
TÜV Süd:	yes
Munich RE PV Warranty Insurance	yes



Curves

