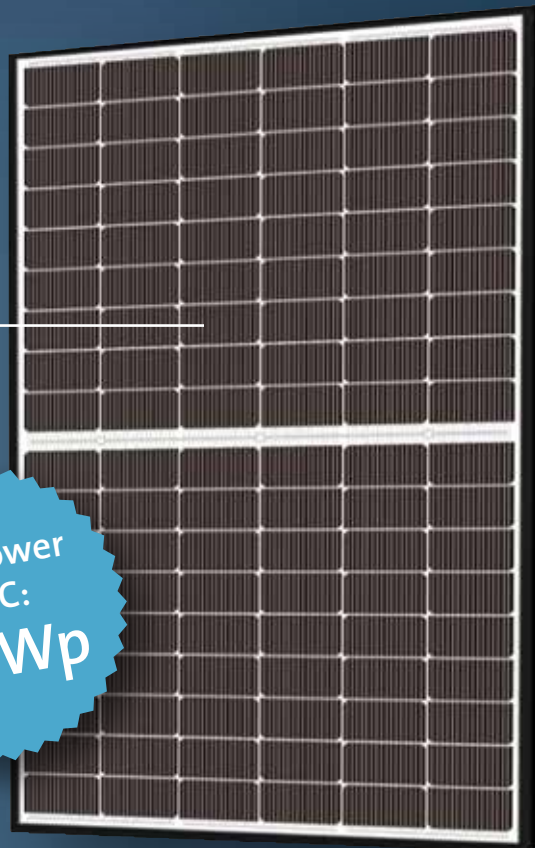


Energy + Home Automation

# Photovoltaic module

## Kopp-430Wp Black Frame

Single glass photovoltaic module,  
with 16BB HALF-CELL N-Type  
TOPCon Monocrystalline PV Module,  
STC power: 430 Wp



Max. power  
at STC:  
**430 Wp**

### Product features

- ✓ Better Weak Illumination Response
- ✓ Excellent Cells Efficiency with SMBB technology
- ✓ Anti PID
- ✓ Adapt To Harsh Outdoor Environment



Guarantee on product material and workmanship



linear power output warranty (83% of nominal power)

Clever sein.  
Kopp einschalten.

**Kopp**

| Product              |                    |
|----------------------|--------------------|
| Article number:      | 431343509          |
| Product description: | Kopp-UH108-430Wp/N |
| EAN-Code:            |                    |

| Dimensions, Weight, Color |                    |
|---------------------------|--------------------|
| Height / Width / Depth:   | 1722 × 1134 × 35mm |
| Weight:                   | 21 ± 1.0kg         |
| Color:                    | black              |

| Specifications   |  |
|------------------|--|
| Solar Cells:     | Mono 108(6×18)   |
| Front screen:    | Single glass thickness: 3,2mm,<br>AR Coated Heat Strengthened Glass    |
| Frame:           | aluminium alloy,<br>Aluminium thickness: 1.6mm                         |
| Junction Box:    | IP68, 3 diodes   |
| Output cable:    | 4mm <sup>2</sup> , 1200mm (+) / 1200mm (-),<br>Connectors: Stäubli MC4 |
| Mechanical Load: | Front side: 5400 Pa<br>Back side: 2400 Pa                              |

| General                      |          |
|------------------------------|----------|
| Maximum Power at STC (Pmp):  | 430      |
| Open Circuit Voltage (Voc):  | 38.5     |
| Short Circuit Current (Isc): | 14.19    |
| Maximum Power Voltage (Vmp): | 31.9     |
| Maximum Power Current (Imp): | 13.47    |
| Module efficiency (%):       | 22.02    |
| Maximum System Voltage:      | 1500V DC |
| Maximum Series Fuse Rating:  | 25 A     |



| Environmental conditions                   |                  |
|--|------------------|
| Temperature coefficient Pmax:              | -0.30 ± 0.03%/°C |
| Temperature coefficient Voc:               | -0.25%/°C        |
| Temperature coefficient Isc:               | 0.046%/°C        |
| Operating temperature:                     | -40°C – +85°C    |
| Nominal operating temperature of the cell: | 44°C ± 2°C       |
| Modules / Pallets:                         | 31               |
| Modules/Container (40'HQ):                 | 806              |

