



Eine Marke von  
**SONNENKRAFT**

## Plug & Play Module

# SONNENKRAFTWERK

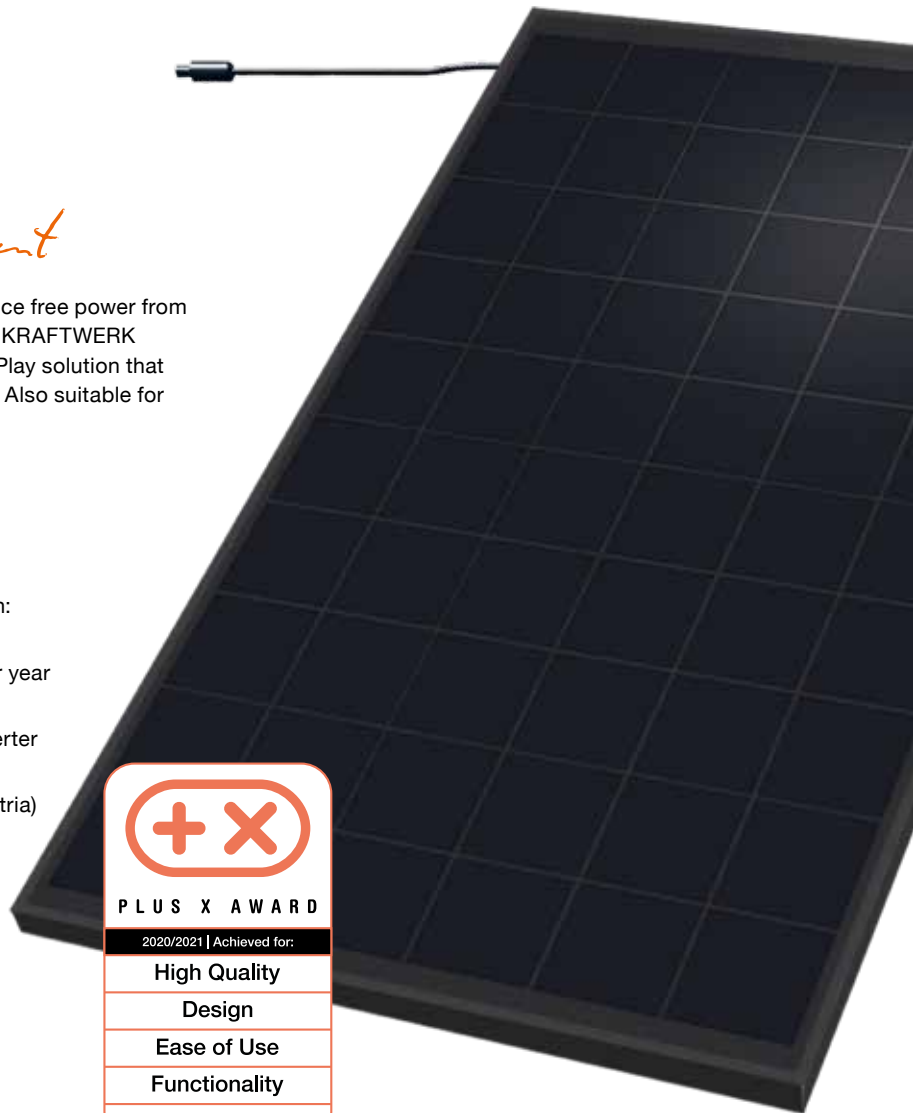
## 325 Wp mono SONNENKRAFTWERK

*Clever!  
The mini power plant*

The easy solution for everybody who wants to produce free power from the sun but doesn't have much space available. The KRAFTWERK modules with integrated micro inverter are a Plug & Play solution that delivers power as soon as it is connected to the grid. Also suitable for bigger on-roof applications.

### *Advantages:*

- // Plug & Play solution. Unpack – assemble – plug in: no additional wiring efforts
- // Every module has an output of up to 325 kWh per year (average Central Europe)
- // Micro inverter already integrated, no external inverter necessary
- // Easy access to the power grid up to 800 Wp (Austria)
- // Also suitable for bigger on-roof applications



PLUG & PLAY

# KPV ME NEC 310 Wp mono Mein-Kraftwerk

# KPV ME NEC 325 Wp mono SONNENKRAFTWERK

## Module specifications

Mein-Kraftwerk	P <sub>mpp</sub> [Wp]	U <sub>mpp</sub> [V]	I <sub>mpp</sub> [A]	U <sub>oc</sub> [V]	I <sub>sc</sub> [A]	efficiency rate	area per kWp
310 mono	310 Wp	32,91 V	9,42 A	39,28 V	9,85 A	18,76%	5,33m <sup>2</sup>
SONNENKRAFTWERK							
325 mono	325 Wp	33,81 V	9,65 A	40,12 V	10,09 A	19,30%	5,17m <sup>2</sup>

## Electrical data

<b>60 crystalline cells</b>	mono
<b>Max. system voltage</b>	1000V DC
<b>Power tolerance</b>	(+5W/-0W) Measurement: STC (standard test conditions)
<b>Temperature coefficients</b>	P <sub>mpp</sub> -0,37 %/K U <sub>oc</sub> -90,7 mV/K I <sub>sc</sub> +2,85 mA/K
<b>Operating temperature</b>	+85°C up to -40°C
<b>Bypass diodes</b>	3 pcs. Tyco SL1515
<b>Product guarantee</b>	5 years

## Technical data

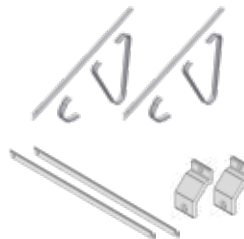
<b>Mein-Kraftwerk / SONNENKRAFTWERK</b>	1702mm x 992mm x 40mm (+/- 2 mm) / 1680mm x 1002mm x 40mm (+/-2 mm)
<b>Weight MKW/SKW</b>	23kg / 25kg
<b>Glass specification MKW/SKW</b>	3,2 mm / 4,0 mm high-strength solar glass
<b>Certificates micro inverter MKW</b>	IEC 62109-1, IEC 62109-2, IEC 55011B, EN 50178, IEC 62103, EMV: EN 61000-6-2, EN 61000-6-3
<b>Certificates micro inverter SKW</b>	DIN V VDE V 01261-1, DIN V VDE V 0126-1-1/A1, VDE-ARN4105: 2012-08, DIN VDEV 0124-100, EN G2109-1:2010, EN62109-2: 2011, EN 6100-6, EN 50438:2013
<b>Extended hail test</b>	Grainsize 25 mm, max. velocity of 46 m/s (165,6 km/h) and Grainsize 55 mm, max. velocity of 33,5 m/s (120,6 km/h)
<b>Packaging</b>	Single packaging 15 pcs./Pal.

## SONNENKRAFTWERK-MODULE



The module integrated inverter ensures that the current electricity flows into the power grid with that voltage and frequency, which is also used by household appliances.

## ACCESSOIRES (OPTIONAL)



- Standard roof mounting set for PV systems
- Facade mounting set
- Wall mounting set
- AC-wiring for 1-2 modules incl. Schuko plug in (3m)
- AC-wiring for connecting up to 14 modules

## IT'S SO EASY



Just scan the QR-Code with your smartphone and see the "how it works" video