



PLUG & PLAY SOLAR MODULE

SONNENKRAFTWERK

SKW 300 W

Ready-to-use Plug & Play solution

Unpack - set up - plug in: no tricky cabling or wiring

Module-integrated microinverter

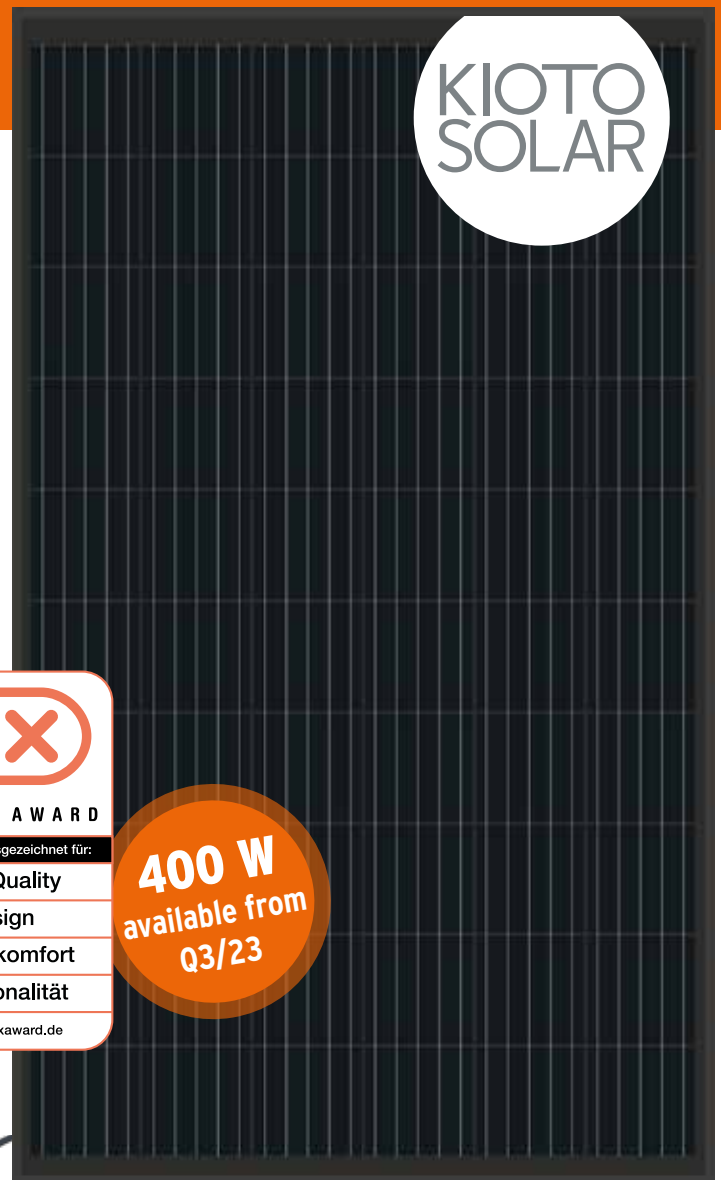
Simple connection to the home power network without any connection effort - the module generates electricity immediately

Up to 300 kWh per year

Can be used for simplified grid access of generation systems up to 600 Wp (DE) or 800 Wp (AT)

Robust construction

40 mm aluminium ALPIN frame with mitre cut and 4 mm solar glass panel with anti-reflective coating for maximum resilience



SMART!
The ready-to-use mini power station for the socket.

Module data	300 W SONNENKRAFTWERK
Pmpp	325 Wp
Umpp	33.81 V
Impp	9.65 A
Uoc	40.12 V
Isc	10.09 A
Efficiency	19.31%
Space requirement/kWp	5.18 m ²



Electrical data	
Cells	60 cells (6 x 10) 158.75 x 158.75 mm (5 busbar)
Connection and plug system	centralised junction box with original Stäubli MC4 connectors
Module max. system voltage	1000 V DC
Power tolerance	+5 W / -0 W (measurement under standard test conditions)
Temperature coefficients	Pmpp -0.37%/K Uoc -90.7 %/K Isc +2.85 mA/K
Ambient temperature	+85 °C to -40 °C
Module bypass diodes	3 pieces
Test certificates	IEC 61215, ed. 2, incl. extended mechanical load test up to 5400 Pa, IEC 61730
Cable length	2 x 1000 mm
Bypass diodes	3 piece
Performance guarantee	min. 97% in the first year, thereafter max. reduction by 0.7% p.a. up to 25 years

Inverter information	
Type	single-phase microinverter
Manufacturer	Hoymiles
Type	HM-300 with EU setup (for all power networks with 50 Hz, suitable across Europe)
Nominal power	300 W
max. number of modules per strand	14 pieces
Ambient temperature	+60 °C to -40 °C
Connector system	BC01 battery
Test certificates	EN 62109-1:2010; EN 62109-2:2011; EN 62311:2008; EN 301 489-3 V2.1.1; EN 61000-6-1/2/3/4:2007+A1:2011; EN 61000-3-2/3:2013/2014; EN 50549-1:2019; E DIN V 0124-100:(2019-09); VDE-AR-N 4105:2018; DIN VDE 0126-1-1:2013-08 TOR Generator Type A Version 1.1:2019; OVE Directive R 25:2020
SKW300 product guarantee	5 years

Technical data	
Weight	25 kg
Dimensions (HxWxD)	1680 x 1002 x 40 mm (± 3 mm)
optical design	black anodised frame, backsheet: front side black, rear side white
Glass specifications	4.0 mm hardened solar glass
Extended hail test	Qualification for HW4
Packaging configuration	Single packaging, 15 modules/pallet

Optional accessories

- Roof mounting possible with all commercially available mounting systems
- Wall mounting set for portrait mounting, incl. backrails



- Floor mounting set for transverse mounting, incl. backrails



- AC cabling set (3 m) for 1-2 modules, including Schuko or RST20 plug and socket



- AC cabling for connecting up to 14 modules with connection and end piece



Integrated inverter

The module-integrated inverter converts the direct current generated directly into alternating current, which can be used immediately in the household.



It's that simple

Simply scan the QR code with your smartphone and download the installation instructions.

