

PLUG & PLAY MODULE

SONNENKRAFTWERK / MEIN-KRAFTWERK

SONNENKRAFT

EASY

ready-to-use Plug & Play solution

EFFICIENT

connect up to 2 modules directly into the socket or several modules in the electrical cabinet

EXTRA

simplified network access of small generator plants up to 600 Wp (Austria)



PLUG & PLAY - EASY MOUNTING
YOUR PLUS

TECHNICAL DATA

Module data

		MEIN-KRAFTWERK		SONNENKRAFTWERK
Module type		Design	Black	
Cell type		mono perc black	mono perc black	mono perc black
Pmpp	Wp	290	300	300
Umpp	V	31,99	32,68	32,68
Impp	A	9,07	9,18	9,18
Uoc	V	38,12	39,36	39,36
Isc	A	9,55	9,65	9,65
Efficiency	%	17,18	18,15	18,15
Space requirements/kWp	m ²	5,82	5,82	5,82

Electrical data

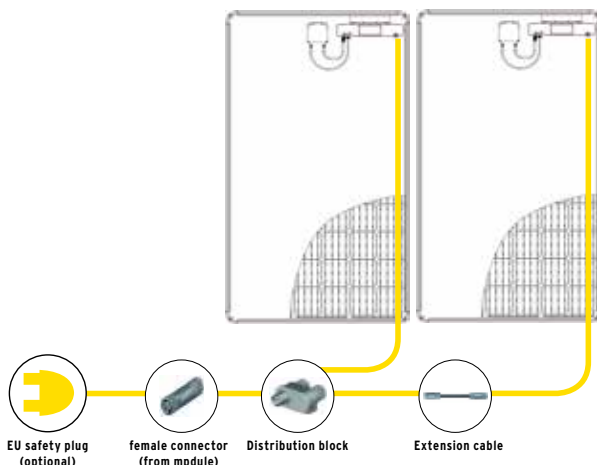
60 crystalline cells	mm	156 x 156	
Power tolerance		(+5 W/-0 W) Measurement: standard test conditions	
Ambient temperature	° C	+85 to -40	
Bypass diodes		3 pcs. Tyco SL1515	
Product warranty		5 years	

Technical data

incl. Aluminium frame	mm	1702 x 992 x 40 (+/- 2)	1668 x 994 x 40 (+/-2)
Weight	kg	23	25
Glas specifications		3,2 mm tempered solar glass	4,0 mm tempered solar glass
Test certificates micro inverters		IEC 62109-1, IEC 62109-2, IEC 55011B, EN 50178, IEC 62103, EMV: EN 61000-6-2, EN 61000-6-3	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

INTERCONNECTION EXAMPLE 2 PCS. MY-POWER STATION MODULES

(Wiring diagrams 1-10 pieces see www.kiotosolar.com/downloads)



SONNENKRAFTWERK-MODULE

INTEGRATED INVERTER



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.

OPTIONAL ACCESSORIES

Monitoring-Tool (SKWDO)



Everything in sight: with the monitoring tool of the module-integrated inverter, you always have an overview of how much green electricity you are currently producing. Whether on a smartphone, tablet or PC.

Mounting sets



Floor mounting set (SKW/BA) for landscape format mounting only incl. backrails



Wall mounting set (SKW/BEF) incl. Backrails

MEIN-KRAFTWERK MODULE

INTEGRATED INVERTER



The Mein-Kraftwerk module has an integrated microinverter. There is no need for an external inverter, so there is no need for cabling and wiring.

OPTIONAL ACCESSORIES



- Wall mounting set
- Wall mounting set for 1 module
- AC-cable set for 1 module incl. safety plug (3m)
- AC-cable for connecting of 2-5 modules