



POWER HC MAXIM MODULE

FOR SHADED AREAS

365 Wp HC Maxim black

Efficient

The intelligent Maxim junction box enables the control of each individual cell row - the optimisation chips regulate the optimal operating point

Simple wiring

Plug & Play installation, compatible with any inverter, no additional components required

Flexible

Modules of different orientation and inclination can be connected serially in one string without any losses occurring

Long-lasting

Elimination of hot spots reduces module degradation and increases service life



SMART! Optimised performance, no matter what!

POWER HC MAXIM for shaded areas

Module data	
	365 Wp
	HC Maxim black
Pmpp	365 Wp
Umpp	34.91 V
Impp	10.51 A
Uoc	35.10 V
Isc	11.03 A
Efficiency	19.66%
Space requirement/kWp	5.09 m ²

Electrical data	
Cells	120 cells (6 x 20) 166 x 83 mm half-cut (9 busbar)
Connection and plug system	decentralised Maxim junction box with original Stäubli MC4 connectors
Max. output current in MPPT mode	13 A
Max. output current in short-circuit mode	4 A
Max. output current	14.4 A
Max. output voltage	35.1 V (non-temperature-dependent)
Max. system voltage	1000 V DC
Power tolerance	+5 W / -0 W (measurement: standard test conditions)
Temperature coefficients	Pmpp -0.36%/K Uoc -0.28%/K Isc +0.059%/K
Maximum return current	15 A
Operating temperature	+85 °C to -40 °C
Cable length	2 x 1150 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
Product guarantee	12 years

Technical data	
Weight	20.30 kg
Dimensions (HxWxD)	1773 x 1047 x 40 mm (± 3 mm)
optical design	black anodised frame, backsheet: front side black, rear side white
Glass specifications	Solar glass Interfloat Deflect 3.2 mm
Test certificate	IEC 61215 (test load: 5400 Pa; design load: 3600 Pa); IEC 61730; IP 65
Extended hail test	Qualification for HW4
Salt mist test	Min. 96 hours in a high-concentrate salt mist
Ammonia resistance	1500 hours at 750 ppm ammonia concentration
Packaging configuration	24 modules/pallet, 672 modules/lorry

Reduced-glare DEFLECT glass

- Light transmission 94.9%
- Light reflection of the front <20,000 cd/m² (black design)
- Low reflection

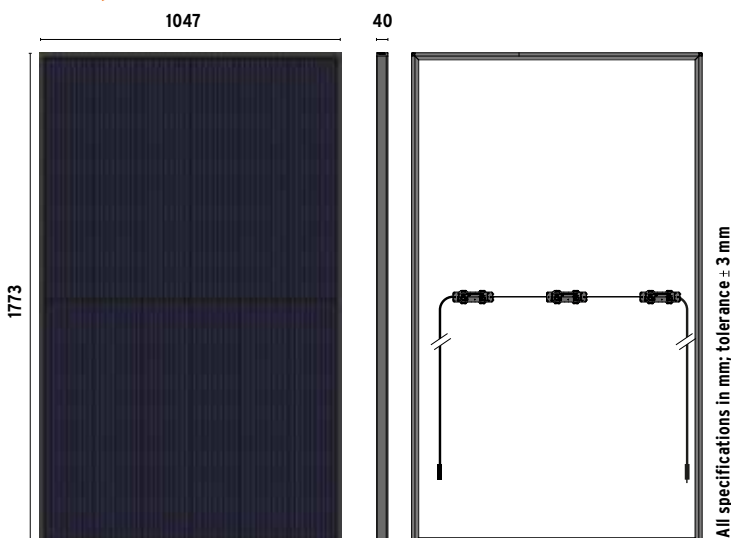


Smart junction box

- Control of each individual cell row
- Compatible with every inverter
- No additional devices required



365 Wp



The sole responsibility for ensuring that ordered and delivered goods are suitable for the customer's purposes rests with the customer. Any technical advice provided by SONNENKRAFT ENERGY GmbH, whether verbal, in writing, by means of tests or in any other way, is given to the best of our knowledge, but is subject to the exclusion of any warranty and liability. Special technical designs or special constructions may be subject to official approval. Obtaining such consent is the responsibility of the client or building owner. Any resulting changes in execution or additional services, in particular tests and proof of calculations, shall be borne by the client; we have not carried out or checked any project-related, static pre-dimensioning or the correct use of the glass panels in terms of glass technology. Measurement tolerance ±3%