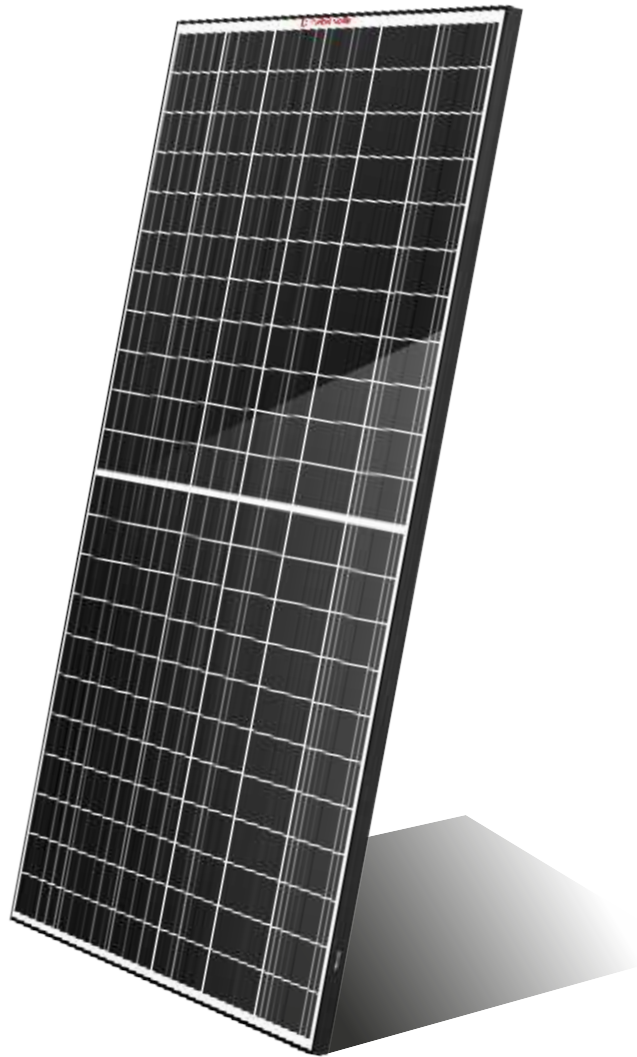


**QUALITY  
TECHNOLOGY**

**ENGINEERED IN SWITZERLAND**



**IBEX HIGH EFFICIENCY MONOCRYSTALLINE SOLAR MODULES WITH HALF CELL TECHNOLOGY**



# IBEX66M-EiGER

## MONOCRYSTALLINE SOLAR MODULE

### ELECTRICAL DATA AT STC

Rated power P <sub>mpp</sub> [Wp]	650	655	660	665	670
P <sub>mpp</sub> range to	0/+5W	0/+5W	0/+5W	0/+5W	0/+5W
Rated current I <sub>mpp</sub> [A]	17.28A	17.32A	17.36A	17.40A	17.44A
Rated voltage V <sub>mpp</sub> [V]	37.61V	37.81V	38.01V	38.21V	38.41V
Short-circuit current I <sub>sc</sub> [A]	18.16A	18.21A	18.26A	18.31A	18.36A
Open-circuit voltage U <sub>oc</sub> [V]	45.58V	45.78V	45.98V	46.18V	46.38V
Efficiency at STC up to	20.92%	21.09%	21.25%	21.41%	21.57%
Application Class	Class A	Class A	Class A	Class A	Class A

### ELECTRICAL DATA AT NOCT

Power at P <sub>mpp</sub> [Wp]	491.00	495.00	499.00	503.00	507.00
Rated current I <sub>mpp</sub> [A]	14.09	14.13	14.16	14.19	14.22
Rated voltage V <sub>mpp</sub> [V]	34.86	35.05	35.24	35.42	35.60
Short-circuit I <sub>sc</sub> [A]	14.89	14.93	14.97	15.01	15.05
Open-circuit voltage U <sub>oc</sub> [V]	42.30	42.48	42.67	42.86	43.05

### LIMITING VALUES

Max. system voltage [V]	1500V DC (IEC)
Max. return current [I]	30A
Operating Temperature	- 40 to +85°C
Max.tested pressure load [Pa]2	5400
Max. tested tensile load [Pa]2	2400

### TEMPERATURE COEFFICIENT

I <sub>sc</sub>	V <sub>oc</sub>	P <sub>max</sub>
0.05% /°C	-0.28% /°C	-0.36% /°C

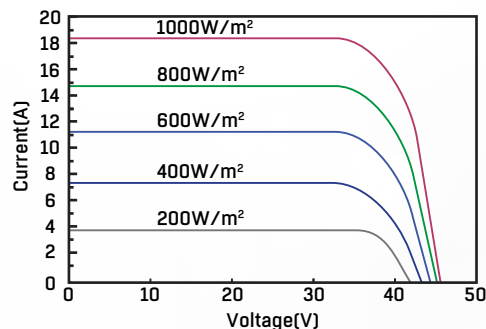
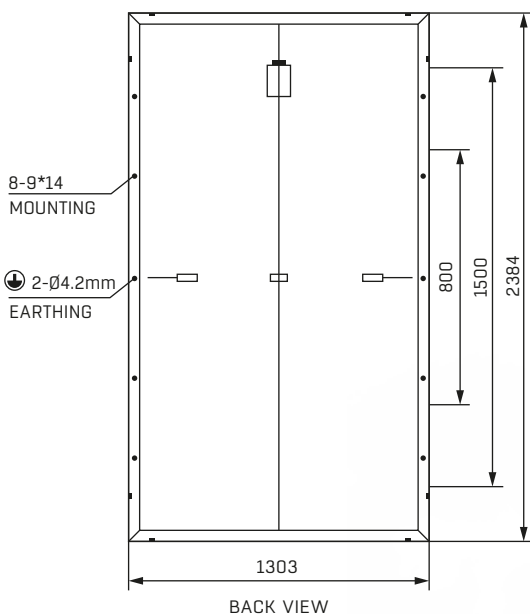
### SPECIFICATIONS

Number of cells	132 (6 x 22)   210 mm
Dimensions	2384x1303x35 mm
Weight	34 kg
Front-side glass	3.2 mm tempered Low Iron Glass
Frame	Stable, anodised aluminium frame, black
Junction box	Split Junction Box (IP68)
Cable	4 mm <sup>2</sup> , +280mm,-280mm Cust.Length
Diodes	3 Diodes
Plug-in connection	MC4 Compatible
Hail test (max. hailstrom)	Ø45mm   23 m/s   83 km/h

### PACKING CONFIRGURATION

Container	40 HQ	Pieces Per Pallet	31
Pallets Per container	18	Pieces per Container	558

The specifications and average values can vary slightly. Relevant is the corresponding data of the individual measurement. Specifications are subject to change without notice. Measurement tolerance depending on equipment: rated power +/- 3%, other values +/- 10%. All information given in this data sheet corresponds to DIN EN 50380. A potential light-induced degradation of the power after commissioning is not considered here. Further information in the installation manuals. 1 The specific warranty conditions are given under [www.swissenergy-solar.ch](http://www.swissenergy-solar.ch) | 2 Horizontal mounted | 3 Tolerance L/W = +/- 3 mm. H +/-2mm, the dimensions given in the order confirmation will be decisive | 4 Location and dimensions of holes on request



### WARRANTY

**20 YEARS**  
PRODUCT WARRANTY

**30 YEARS**  
POWER WARRANTY