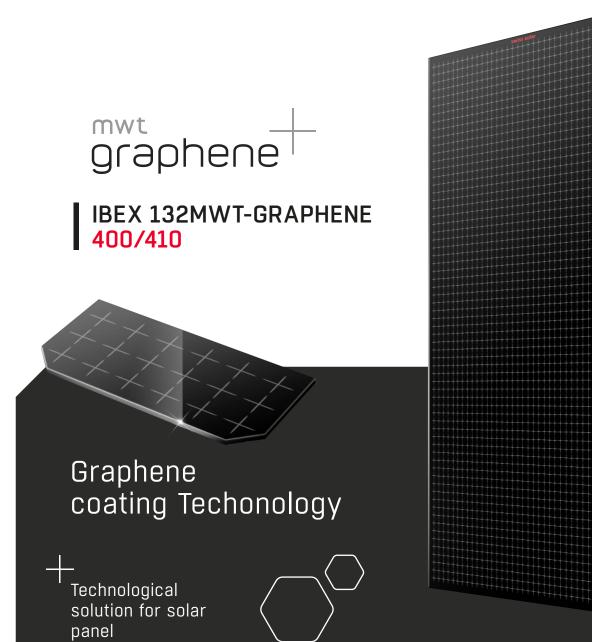
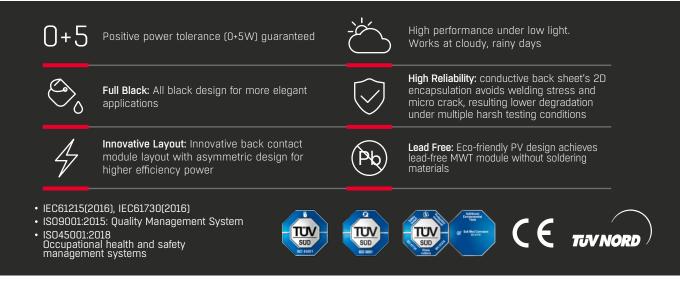
## SWISS SOLAT QUALITY TECHNOLOGY



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



## IBEX 132MWT-GRAPHENE 400-410

MONOCRYSTALLINE SOLAR MODULE

ELECTRICAL DATA AT STC				
Rated power Pmpp [Wp]	400	405	410	
Pmpp range to	0/+5W	0/+5W	0/+5W	
Rated current Impp [A]	10.79A	10.86A	10.93A	
Rated voltage Vmpp [V]	37.10V	37.30V	37.50V	
Short-circuit current Isc [A]	11.28A	11.35A	11.42A	
Open-circuit voltage Uoc [V]	44.90V	45.10V	45.30V	
Efficiency at STC up to	20.50%	20.70%	20.90%	
Application Class	Class A	Class A	Class A	
Specification as per STC (Standard test conditions): irradiance 1000 W/m <sup>2</sup>   module temperature 25%   Air Mass = 1.5				

Power at Pmpp [Wp]	300.00	305.00	305.00
Rated current Impp [A]	8.63	8.71	8.79
Rated voltage Vmpp [V]	34.80	35.00	35.20
Short-circuit Isc [A]	9.12	9.18	9.24
Open-circuit voltage Uoc [V]	42.00	42.20	42.40
and the second			

VOCT (r ature | 20°C cell op

Dimensions

Front-side glass

Weight

**SPECIFICATIONS** Number of cells

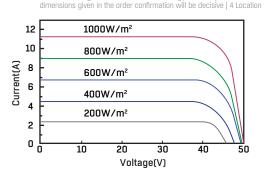
LIMITING VALUES	
Max. system voltage [V]	1500V DC (IEC)
Max. return current [I]	20A
Operating Temperature	- 40 to +85°C
Max.tested pressure load [Pa]2	5400
Max. tested tensile load [Pa]2	2400

TEMPERATURE COEFFICIENT			
lsc	Voc	Pmax	
0.06% /°C	-0.28% /°C	-0.36% /°C	

8-8\*3 DRAINAGE

2-Ø4.3mm

00	Frame		Anodized Aluminum Black		
Junction box		Split	Split Junction Box (IP68)		
	Cable	4 mr	4 mm², +350mm,-150mm Cust.Length		
	Diodes	3 Di	3 Diodes		
36% /°C	Plug-in connection		MC4 Compatible		
Hail test (max. hailstrom)		n) Ø45ı	Ø45mm   23 m/s   83 km/h		
<b>A</b>	l				
	Container		Pieces Per Pallet	36	
	Pallets Per container	24	Pieces per Container	864	
889	The specifications and average values can vary slightly. Relevant is the corresponding data of the Specifications are subject to change without notice. Measurement tolerance depending on equipment: n values +/- 10%. All information given in this data sheet correspondes to DIN EN 50380. A potential ligh the power after commissioning is not considered here. Further information in the installation manuals conditions are given under www.swissenergy-solar.ch   2 Horizontal mounted   3 Tolerance L/W = +, dimensions given in the order confirmation will be decisive   4 Location and dimensions of holes on rec				



WARRANTY

132 (22 x 6) I 166 x 83 mm

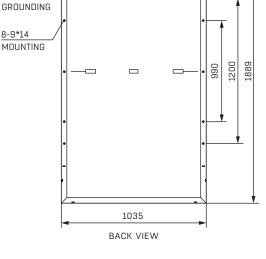
3.2mm high transmittance anti-reflective coated tempered glass

1889x1035x30mm

20.5 kg

**20 YEARS** PRODUCT WARRANTY

**30 YEARS** POWER WARRANTY



## swiss solar