



## Bifac – Glass/Glass Solar Module

Data sheet 03.19

[www.jurawatt.de](http://www.jurawatt.de)

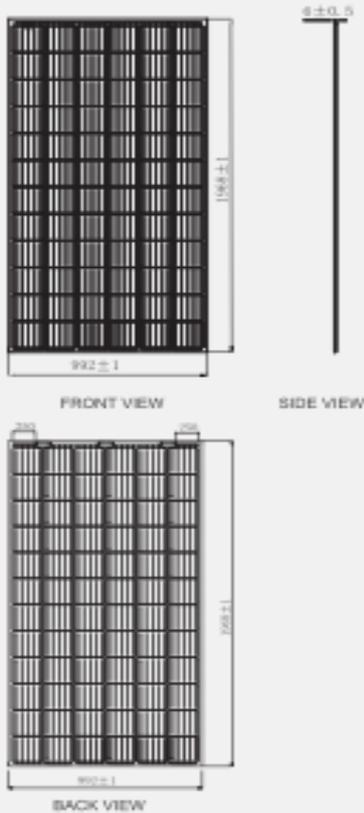
[info@jurawatt.de](mailto:info@jurawatt.de)

### JWB-72-350W/-360W/-375W

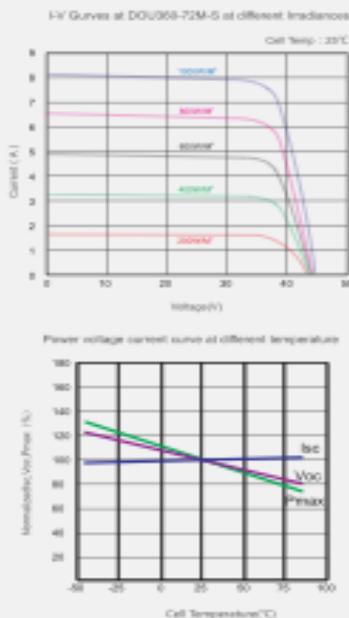
- certified by TÜV SÜD
- Glass/glass design
- 72 cells each module
- IP68 Junction Box and connectors
  
- Guarantee 35 years, more power in life time of 50 % and more
  
- PID free
- LID free
  
- low fire risk – class A
- for ground installations and over head, also rooftop
- lower coefficient, means more power in hot regions, 0,39%C
  
- 80 percent guaranteed after 30 years

more technical datas see page 2, March 2019, version 2.1 HTH

## MECHANICAL DRAWINGS



## I-V CURVES



## MECHANICAL SPECIFICATION

Cell Type	Mono Crystalline 156.75x156.75mm
Number Of Cells	72 (6x12)
Dimensions(AxBxC)	1968x992x6mm
Weights	28kg
Front Glass / Back Glass	2.5mm/2.5mm
Frame	Without Frame
Junction Box	IP68, With Bypass Diodes
Connector	MC4 Compatible
Output Cables	TUV, ± length 300mm,4.0mm²

## ELECTRICAL CHARACTERISTICS

	350W	355W	360W	365W	370W	375W
Maximum Power At STC(Pmax)	350W	355W	360W	365W	370W	375W
Short Circuit Current(Isc)	9.53A	9.65A	9.75A	9.82A	9.85A	9.89A
Open Circuit Voltage(Voc)	47.5V	47.7V	47.9V	48.1V	48.3V	48.5V
Maximum Power Current(Imp)	9.04A	9.15A	9.25A	9.34A	9.41A	9.45A
Maximum Power Voltage(Vmpp)	38.7V	38.8V	38.9V	39.1V	39.3V	39.7V
Module Efficiency	17.93%	18.18%	18.44%	18.70%	18.95%	19.21%

STC: 1000W/M² irradiance, 25°C cell temperature, AM1.5.

## NOCT

	260.9	264.6	368.3	272.1	275.8	279.5
Maximum Power At STC(Pmax)	260.9	264.6	368.3	272.1	275.8	279.5
Short Circuit Current(Isc)	7.72	7.81	7.89	7.95	7.97	8.01
Open Circuit Voltage(Voc)	43.9	44.1	44.3	44.5	44.7	44.8
Maximum Power Current(Imp)	7.31	7.41	7.48	7.54	7.56	7.59
Maximum Power Voltage(Vmpp)	35.7	35.7	35.9	36.1	36.5	36.8

NOCT: Irradiance at 800W/M², Ambient Temperature 20°C, Wind Speed 1m/s.

## BACK POWER GAIN

10%	Maximum Power At STC(Pmax)	385	390.5	396	401.5	407	412.5
	Module Efficiency	19.72	20.00	20.28	20.57	20.85	21.13
20%	Maximum Power At STC(Pmax)	420	426	432	438	444	450
	Module Efficiency	21.51	21.82	22.13	22.44	22.74	23.05
30%	Maximum Power At STC(Pmax)	455	461.5	468	474.5	481	487.5
	Module Efficiency	23.31	23.64	23.97	24.31	24.64	24.97

## SYSTEM INTEGRATION PARAMETERS

Maximum System Voltage	VDC 1500V
Maximum Series Fuse	15A
Increased Snowload Acc.to Lec 61215	5400Pa
Operating Temperature	-40~+85°C
Number Of Bypass Diodes	3

## PACKING CONFIGURATION

	20' HQ	40' HQ
Container	20' HQ	40' HQ
Pieces Per Pallet	33	33
Pallets Per Container	10	22
Pieces Per Container	330	726