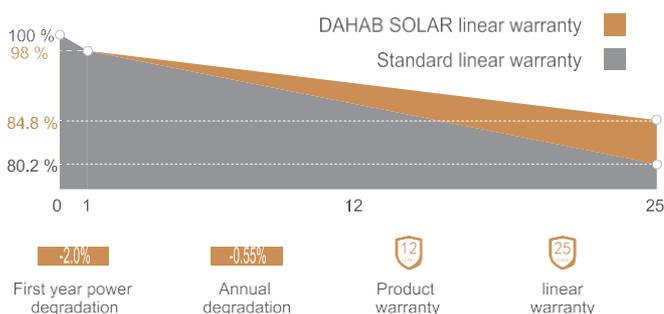


## DHB-BF132 (210mm Cell)

# 645-665 Watt

BIFACIAL MODULE

### Industry-leading Warranty based on nominal power



## Features



### DAHAB SOLAR Multi busbar technology

Multi busbar technology for maximum light capturing and minimum hotspot, shading and resistive losses



### High module conversion efficiency

Module efficiency up to 21.4% achieved through advanced cell technology and manufacturing process



### Excellent weak light performance

More power output in weak light condition, such as cloudy, morning and sunset



### DAHAB SOLAR current sorting process

Up to 2 % power loss caused by current mismatch could be diminished by current sorting technique to maximize system power output



### Zero micro-cracks

zero micro-cracks guaranteed due to fully automated production lines and comprehensive EL testing



### Extended wind and snow load tests

Module certified to withstand extreme wind (3800 Pascal) and snow loads (5400 Pascal) \*



### Lower operating temperature

Lower operating temperature and temperature coefficient increases the power output



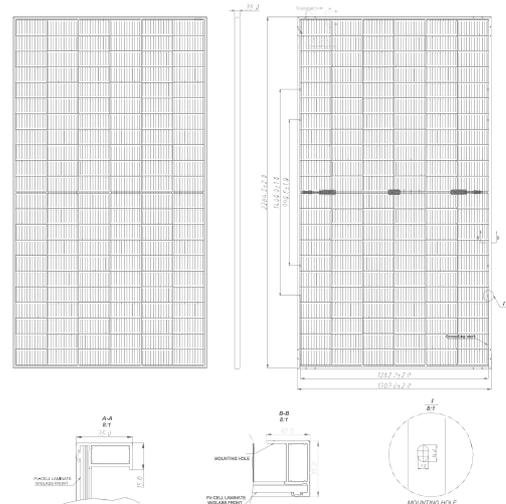
### Withstanding harsh environment

Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline



## MECHANICAL SPECIFICATIONS

Cell Type	Monocrystalline
Cell Dimensions	210*210mm
Cell Arrangement	132 (6*22)
Weight	34.5kg (76.06lbs.)
Module Dimensions	2384*1303*35mm (93.86*51.30*1.38inches)
Cable Length	Portrait 300mm/Landscape 1200mm/Customized
Cable Cross Section Size	TUV: 4mm <sup>2</sup> (0.006inches <sup>2</sup> )/UL: 12AWG
Front Glass	3.2mm (0.13inches) AR Coating Tempered Glass
No. of Bypass Diodes	3/6
Packing Configuration (1)	31pcs/carton, 558pcs/40hq
Frame	Anodized Aluminium Alloy
Junction Box	IP68



## ELECTRICAL SPECIFICATIONS

Module Type	DHB-BF132 645		DHB-BF132 650		DHB-BF132 655		DHB-BF132 660		DHB-BF132 665	
	STC	NMOT								
Rated output (Pmp/Wp)	645	479	650	483	655	486	660	490	665	494
Maximum Power Voltage(Vmpp/V)	37.6	35.1	37.8	35.3	38.0	35.5	38.2	35.7	38.4	35.9
Maximum Power Current(Imp/A)	17.16	13.63	17.20	13.67	17.24	13.70	17.28	13.74	17.32	13.77
Open Circuit Voltage(Voc/V)	45.0	42.4	45.2	42.6	45.4	42.8	45.6	43.0	45.8	43.2
Short Circuit Current(Isc/A)	18.22	14.65	18.26	14.68	18.30	14.71	18.34	14.74	18.38	14.78
Module efficiency(%)	20.8%		20.9%		21.1%		21.3%		21.4%	
Power Tolerance (W)	0~+5		0~+5		0~+5		0~+5		0~+5	

STC: Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 NMOT: Irradiance at 800W/m<sup>2</sup>, Ambient Temperature 20°C, Air Mass AM1.5, Wind Speed 1m/s

### Electrical characteristics with different rear side power gain (refer to 655W front)

	688	721	753	786	819
Pmax/W	688	721	753	786	819
Vmpp/V	38.0	38.0	38.0	38.0	38.0
Imp/A	18.10	18.96	19.83	20.69	21.55
Voc/V	45.4	45.4	45.4	45.4	45.4
Isc/A	19.22	20.13	21.05	21.96	22.88
Pmax gain	5%	10%	15%	20%	25%

## MAXIMUM RATINGS

Maximum System Voltage	1500V DC (IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	35A
Static Loading	Snow Loading: 5400Pa/ Wind Loading: 2400Pa
Conductivity at Ground	≤0.1Ω
Safety Class	II
Resistance	≥100MΩ
Connector	T01/LJQ-3-CSY/MC4/MC4-EVO2
Backside Output Ratio*	70% ± 5%

## TEMPERATURE CHARACTERISTICS

NMOT Temperature	43°C ± 2°C
Temperature Coefficient (Pmax)	-0.36%/°C
Temperature Coefficient (Voc)	-0.26%/°C
Temperature Coefficient (Isc)	0.043%/°C

## CURVE & TEMPERATURE DEPENDENC

