



# BETA SLATE

## MONO 700W

solar panel with 132 cells 210MM solar cells

### Product Advantage

**Solar Cell** (210\*105mm)  
solar cell adopts new technology to improve the efficiency of modules

**High Voltage**  
UL and IEC 1500V certified; lowers BOS costs and yields better LCOE

**High Efficiency**  
Higher module conversion efficiency (up to 21.2%) benefit from half cell structure (low resistance characteristic).

**Low-light Performance**  
Advanced glass and cell surface textured design ensure excellent performance in low-light environment.

**Durability Against Extreme Environmental Conditions**  
High salt mist and ammonia resistance certified by TUV NORD.

**Severe Weather Resilience**  
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).

### Key Features

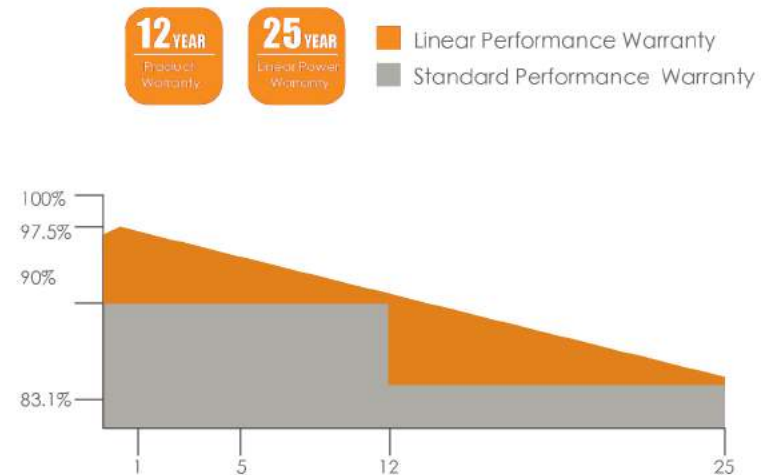
- Using high efficiency solar cells
- High quality junction box and connector systems
- 100% inspection to guarantee the reliability of solar systems



### Technology

- Excellent performance in low-light environment
- High transmissivity, low-iron tempered glass

### Linear performance warranty



### Mono Crystalline Essential Parameter (STC 1000W/M Module Temperature 25°C A.M.1.5)

Model Type	Power(w)	Number of Cells	Dimensions(MM)	Weight(KG)	Vmp(v)	Imp (A)	Voc(v)	Isc(A)	Module Efficiency
BE132B-700/MH	700	132 (6*22)	2411*1303*35mm	34.5	38.4	18.23	46.0	19.02	22.3%

### Mono Crystalline Essential Parameter (NOCT 800W/M Environment Temperature 20°C A.M.1.5)

BE132B-700/MH	537.76	132 (6*22)	2411*1303*35mm	34.5	35.01	15.36	42.48	16.17	22.3%
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### Temperature Rating

Rated battery operating temperature	45±2°C
Maximum power temperature coefficient	-0.4%/°C
Open circuit voltage temperature coefficient	-0.29%/°C
Short circuit current temperature coefficient	-0.05%/°C

### Limit parameter

Operating temperature	-40+85°C
Maximum system voltage	1000/1500VDC
Maximum fuse rated current	25A

\*Standard test conditions:measured values(atmospheric mass AM.5,irradiance 1000W/m2,battery temperature 25°C)

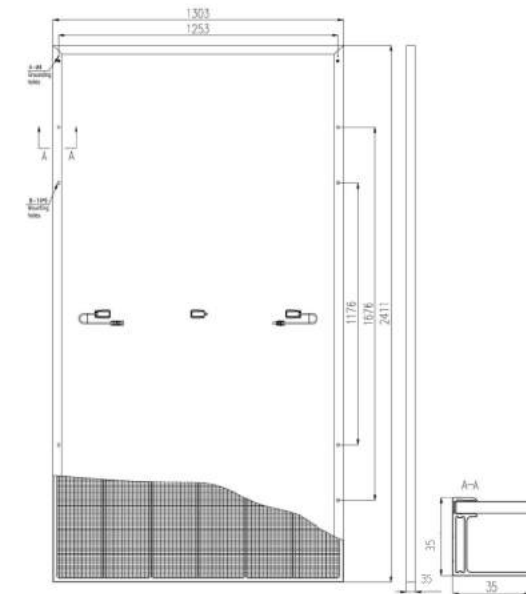
### Mechanical Characteristics

Front	Glass 3.2mm tempered glass
Frame	Anodized aluminium alloy
Junction Box	IP68 rated
Connectors	MC4 compatible

### Packing Configuration

Container	40'GP
Pieces per pallet	31
Pallets per container	18
Pieces per container	558

### Mechanical Drawings



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