

# EZPRO

EZM 66G8 132-cell

650 - 670W

Bifacial Dual Glass

12BB Half-cut Mono Perc



## SYSTEM & PRODUCT CERTIFICATES

- IEC 61215 / IEC 61730 / UL 61703
- ISO 9001: 2015 Quality Management System
- ISO 14001: 2015 Environment Management System
- ISO 45001: 2018 Occupational Health and Safety Management Systems

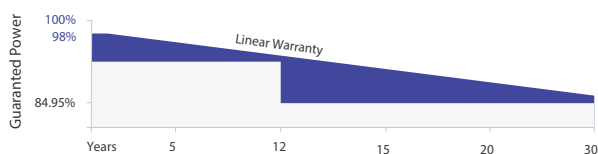


## PERFORMANCE WARRANTY

12 Years  
Quality Assurance

30 Years  
Power Output Guarantee

■ Linear Performance Warranty  
■ Standard Performance Warranty



## KEY FEATURES



### 12BB Half-cut Cell Technology

New circuit design, lower internal current, lower Rs loss  
Ga doped wafer, attenuation <2% (1st year) / ≤0.45% (Linear)



### Industry Leading High Yield

Bifacial PERC cell technology,  
5%-25% more yield depends on different conditions



### Excellent Anti-PID Performance

2 times of industry standard Anti-PID test



### Wider Application

No water-permeability and high wear-resistance,  
can be widely used in high-humid, windy and dusty area



### IP68 Junction Box

High waterproof level

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## ELECTRICAL CHARACTERISTICS

| Testing Condition             | STC   | NMOT  | STC   | NMOT  | STC   | NMOT  | STC   | NMOT  | STC   | NMOT  |
|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum Power (Pmax/W)        | 650   | 492   | 655   | 495   | 660   | 499   | 665   | 503   | 670   | 507   |
| Operating Voltage (Vmpp/V)    | 37.8  | 35.4  | 38.0  | 35.6  | 38.2  | 35.8  | 38.4  | 36.0  | 38.6  | 36.1  |
| Operating Current (Impp/A)    | 17.20 | 13.88 | 17.24 | 13.91 | 17.28 | 13.95 | 17.32 | 13.99 | 17.36 | 14.02 |
| Open-Circuit Voltage (Voc/V)  | 45.4  | 42.9  | 45.6  | 43.1  | 45.8  | 43.3  | 46.0  | 43.5  | 46.2  | 43.7  |
| Short-Circuit Current (Isc/A) | 18.29 | 14.74 | 18.33 | 14.77 | 18.37 | 14.81 | 18.41 | 14.84 | 18.45 | 14.87 |
| Module Efficiency [%]         | 20.90 |       | 21.10 |       | 21.30 |       | 21.40 |       | 21.60 |       |

STC: Irradiance 1000W/m<sup>2</sup>, Spectra at AM1.5, Module Temperature 25 °C, Power output tolerance: 0~+5W, Test uncertainty for Pmax: ±3%  
 NMOT: Irradiance 800W/m<sup>2</sup>, Spectra at AM1.5, Ambient Temperature 20 °C, Wind speed 1m/s

## REAR SIDE POWER GAIN(REFERENCE TO 655W FRONT)

| Pmax gain | 5%    | 10%   | 15%   | 20%   | 25%   |
|-----------|-------|-------|-------|-------|-------|
| Pmax/W    | 688   | 721   | 753   | 786   | 819   |
| Vmpp/V    | 38.00 | 38.00 | 38.00 | 38.00 | 38.00 |
| Impp/A    | 18.10 | 18.96 | 19.83 | 20.69 | 21.55 |
| Voc/V     | 45.40 | 45.40 | 45.40 | 45.40 | 45.40 |
| Isc/A     | 19.22 | 20.13 | 21.05 | 21.96 | 22.88 |

## MECHANICAL CHARACTERISTICS

|                   |   |
|-------------------|---|
| Solar Cell        | Monocrystalline 210*210mm   |
| No. of Cells      | 132 (6*22)  |
| Module Dimensions | 2384*1303*35mm (93.86*51.30*1.38inches)                                   |
| Weight            | 38.5kg (84.88lbs.)  |
| Front Glass       | 2.0mm AR Coating Semi-tempered Glass                                      |
| Back Glass        | 2.0mm Glazed Semi-tempered Glass  |
| Frame             | Anodized Aluminium Alloy  |
| Junction Box      | IP68, 3 Bypass Diodes   |
| Output Cables     | 4mm <sup>2</sup> (IEC), 12AWG(UL)<br>300mm in Length or Customized Length |
| Connectors        | T01/LJQ-3-CSY/MC4/MC4-EVO2  |

## APPLICATION CONDITIONS

|                           |                                     |
|---------------------------|-------------------------------------|
| Maximun System Voltage    | 1500V/DC                            |
| Operating Temperature     | -40°C~+85°C                         |
| Maximun Series Fuse       | 35A                                 |
| Safety Protection Class   | Class II                            |
| Mechanical Load           | Front side 5400Pa, Back side 2400Pa |
| Refer. Bifaciality Factor | 70%±5%                              |

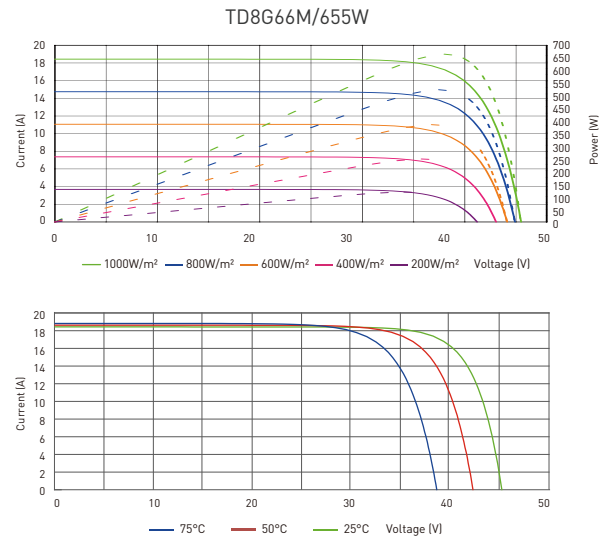
## TEMPERATURE CHARACTERISTICS

|  |            |
|--|------------|
| Temperature Coefficient of Pmax            | -0.34%/°C  |
| Temperature Coefficient of Voc             | -0.25%/°C  |
| Temperature Coefficient of Isc             | +0.046%/°C |
| Nominal Module Operating Temperature(NMOT) | 43±2°C     |

## PACKING CONFIGURATION

|                             |     |         |
|-----------------------------|-----|---------|
| Pieces Per Pallet           | 31  | 31(USA) |
| Pieces Per Container(40'HQ) | 527 | 465     |

## I-V CURVE



## TECHNICAL DRAWINGS

