DH-M772W
425-445W
Half-cut Mono Module

Advanced processing techniques realize great module efficiency to a maximum of 19.8%, steady power output guaranteed

0--5W Positive tolerance delivers higher output reliability

Excellent performance even under low-light settings, such as dawn, dusk and cloudy day

Advanced cell technology and qualified materials lead to high resistance to PID

Excellent mechanical load resistance: wind loads (2400Pa) & snow loads (5400Pa)

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

LINEAR PERFORMANCE WARRANTY

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### ELECTRICAL PROPERTIES | STC*  
| Peak Power (Pmax | W) | 425 | 430 | 435 | 440 | 445 |
| MPP Voltage (Vmp | V) | 40.5 | 40.7 | 40.9 | 41.1 | 41.3 |
| MPP Current (Imp | A) | 10.50 | 10.57 | 10.64 | 10.71 | 10.78 |
| Open Circuit Voltage ( Voc | V) | 48.3 | 48.5 | 48.7 | 48.9 | 49.1 |
| Short Circuit Current (Isc | A) | 11.23 | 11.31 | 11.39 | 11.46 | 11.53 |
| Module Efficiency (%) | 19.6 | 19.8 | 20.0 | 20.2 | 20.5 |
| Power Tolerance | 0±6W |
| Operating Temperature | -40°C ~ 85°C |
| Maximum System Voltage | DC 1500V |
| Maximum Series Fuse Rating | 20A |

*STC (Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25°C, AM 1.5

### ELECTRICAL PROPERTIES | NOCT*  
| Peak Power (Pmax | W) | 314.6 | 318.5 | 322.2 | 326.0 | 329.7 |
| MPP Voltage (Vmp | V) | 37.4 | 37.6 | 37.8 | 38.0 | 38.1 |
| MPP Current (Imp | A) | 8.42 | 8.47 | 8.53 | 8.59 | 8.64 |
| Open Circuit Voltage (Voc | V) | 45.1 | 45.3 | 45.5 | 45.6 | 45.8 |
| Short Circuit Current (Isc | A) | 9.06 | 9.12 | 9.18 | 9.24 | 9.30 |

*NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, AM 1.5, Wind Speed 1m/s

### MECHANICAL PROPERTIES
- **Cell Type**: Mono Cell (166x83mm)
- **Number of Cells**: 6X24 (144pcs)
- **Dimension**: 2115x1052x35mm
- **Weight**: 24.0kg
- **Front/Rear Glass**: 3.2mm
- **Frame**: Anodized aluminum alloy frame
- **Junction Box**: IP68, 3 Diodes
- **Cable Type**: 4.0 mm²
- **Length of Cable**: 300mm, length can be customized

### ENGINEERING DRAWING (unit: mm)

#### TEMPERATURE COEFFICIENT
- **Temp. Coeff. Of Pmax (TK Pmax)**: -0.370%/°C
- **Temp. Coeff. Of Voc (TK Voc)**: -0.286%/°C
- **Temp. Coeff. Of Isc (TK Isc)**: +0.057%/°C

### PACKAGING
- **Pallet**: 30pcs
- **20GP**: 150pcs
- **40HC**: 660pcs

### I-V CURVES

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*The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Dehui Solar reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.*

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