Full Black Series MWT PV Module

- **Full Black**: All black design for more elegant rooftop
- **High Efficiency**: MWT back contact cell and modules with busbar-free design and higher efficiency
- **High Reliability**: Conductive back sheet 2D encapsulation without soldering, resulted lower degradation under multiple extreme testing condition
- **High ROI**: Higher return of investment with higher power output
- **Superior Warranty**: The only single-glass module with 30-year power warranty by LLOYD’S& PICC worldwide
- **Lead Free**: Eco-friendly PV design achieves Lead-free without soldering materials

Reinsurance Coverage for 30 Years

- **12-year Quality Warranty**
- **30-year Performance Warranty**

Insured by PICC and LLOYD’S

Comprehensive Qualifications & Certifications

- CQC Top Runner Advanced Technology Certification (4A class)
- ISO 9001:2015 Quality Management System
- ISO 45001: 2018 Occupation Health Safety Management System
- TUV NORD Certification
- ISO 14001:2015 Environment Management System
- TUV NORD Certification

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### Electrical Characteristics at Standard Test Conditions (STC)

<table>
<thead>
<tr>
<th>Spec/Model</th>
<th>Unit</th>
<th>SPP350NHEH</th>
<th>SPP355NHEH</th>
<th>SPP360NHEH</th>
<th>SPP365NHEH</th>
<th>SPP370NHEH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Power (Pm)</td>
<td>W</td>
<td>350</td>
<td>355</td>
<td>360</td>
<td>365</td>
<td>370</td>
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<tr>
<td>Power Tolerance</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max Power Voltage (Vm)</td>
<td>V</td>
<td>35.1</td>
<td>35.3</td>
<td>35.6</td>
<td>35.7</td>
<td>35.9</td>
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<tr>
<td>Max Power Current (Im)</td>
<td>A</td>
<td>9.98</td>
<td>10.06</td>
<td>10.14</td>
<td>10.23</td>
<td>10.31</td>
</tr>
<tr>
<td>Open-Circuit Voltage (Voc)</td>
<td>V</td>
<td>42.4</td>
<td>42.6</td>
<td>42.8</td>
<td>43.0</td>
<td>43.2</td>
</tr>
<tr>
<td>Short-Circuit Current (Isc)</td>
<td>A</td>
<td>10.45</td>
<td>10.53</td>
<td>10.62</td>
<td>10.70</td>
<td>10.78</td>
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<tr>
<td>Module Efficiency (%)</td>
<td></td>
<td>19.4</td>
<td>19.7</td>
<td>20.0</td>
<td>20.3</td>
<td>20.6</td>
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</tbody>
</table>

STC: AM1.5, Irradiation 1000W/m², Module Temperature 25°C

### Electrical Characteristics at Nominal Module Operating Temperature (NMOT)

<table>
<thead>
<tr>
<th>Spec/Model</th>
<th>Unit</th>
<th>SPP350NHEH</th>
<th>SPP355NHEH</th>
<th>SPP360NHEH</th>
<th>SPP365NHEH</th>
<th>SPP370NHEH</th>
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</thead>
<tbody>
<tr>
<td>Max Power (Pm)</td>
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<td>262</td>
<td>266</td>
<td>270</td>
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<tr>
<td>Max Power Voltage (Vm)</td>
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<td>32.3</td>
<td>32.5</td>
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<td>33.1</td>
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<tr>
<td>Max Power Current (Im)</td>
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<td>8.33</td>
<td>8.40</td>
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<tr>
<td>Open-Circuit Voltage (Voc)</td>
<td>V</td>
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<td>39.8</td>
<td>40.0</td>
<td>40.2</td>
<td>40.4</td>
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<tr>
<td>Short-Circuit Current (Isc)</td>
<td>A</td>
<td>8.63</td>
<td>8.70</td>
<td>8.77</td>
<td>8.84</td>
<td>8.90</td>
</tr>
</tbody>
</table>

NMOT: Irradiation 800W/m², ambient temperature 20°C, Wind Speed 1m/s

### Temperature Coefficient

- Nominal Module Operating Temperature: 43±2°C
- Temperature coefficient of Pmax: -0.36%/°C
- Temperature coefficient of Voc: -0.28%/°C
- Temperature coefficient of Isc: 0.06%/°C

### Package

<table>
<thead>
<tr>
<th>Transportation</th>
<th>Container Size</th>
<th>Quantity (pcs)</th>
<th>Quantity (per pallet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Container</td>
<td>40' HC</td>
<td>806/858</td>
<td>31</td>
</tr>
</tbody>
</table>

### Mechanical Characteristics

- Dimension (L×W×H): 1772mm×1016mm×35mm
- Weight: 20kg
- Glass Type: High Transmittance Anti-reflective Coated Tempered Glass 3.2mm
- Solar Cell: 126(6×21) / Mono / 162.75mm (Half-cell)
- Encapsulant: EVA
- Frame: Anodized Aluminum Alloy / Black
- Junction Box: IP67 / IP68
- Cable: 4mm², 350mm (+) / 150mm (;) Customizable
- Connector: MC4 Compatible

### Operating Conditions

- Max System Voltage: 1500V (TUV)
- Max Fuse Rated Current: 15A
- Operating Temperature Range: -40°C~+45°C
- Mechanical Load: 5400Pa (front) / 2400Pa (rear)
- Max Allowable Hail Load: φ25mm hail, from 1m of distance at 23 m/s
- Application Class: Class A

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