



# Huge-solar

# Radiance Series

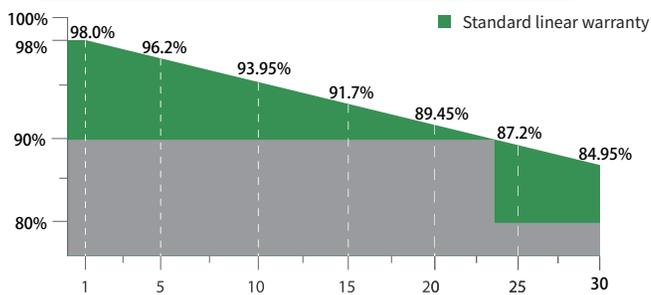
## M210H666-DG-645-665W

# 645-665W Mono

Double glass and frame packaging to ensure module strength. Will produce more energy than a mono facial module with the same nameplate power. Bifacial module can convert light that strikes both the front face and the back face of the module into electricity. Under the same conditions, a bifacial module will produce more energy than a single-sided module with the same nameplate power.



### Linear performance Warranty



Linear performance warranty



Product warranty

### Comprehensive Certificates

#### CERTIFICATION

- IEC61215/IEC61730
- ISO9001:Quality Management System
- ISO14001:Environmental Management System
- ISO45001:Occupational Health and Safety Management System



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| Electrical Specificatio     |                      |                  |       |                  |       |                  |       |                  |       |                  |       |
|-----------------------------|----------------------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|------------------|-------|
| Module Type                 |                      | M210H666-DG-645W |       | M210H666-DG-650W |       | M210H666-DG-655W |       | M210H666-DG-660W |       | M210H666-DG-665W |       |
| Test Standards              |                      | STC              | NOCT  |
| Maximum Power               | P <sub>max</sub> (W) | 645              | 488   | 650              | 492   | 655              | 495   | 660              | 499   | 665              | 504   |
| Maximum Power Voltage       | V <sub>mp</sub> (V)  | 37.5             | 34.9  | 37.7             | 35.1  | 37.9             | 35.2  | 38.1             | 35.4  | 38.3             | 35.6  |
| Maximum Power Current       | I <sub>mp</sub> (A)  | 17.23            | 13.98 | 17.27            | 14.01 | 17.31            | 14.05 | 17.35            | 14.10 | 17.39            | 14.16 |
| Open Circuit Voltage        | V <sub>oc</sub> (V)  | 45.3             | 42.7  | 45.5             | 42.9  | 45.7             | 43.0  | 45.9             | 43.2  | 46.1             | 43.4  |
| Short Circuit Current       | I <sub>sc</sub> (A)  | 18.31            | 14.75 | 18.35            | 14.79 | 18.40            | 14.83 | 18.45            | 14.87 | 18.50            | 14.91 |
| Module Efficiency           | (%)                  | 20.8             |       | 20.9             |       | 21.1             |       | 21.2             |       | 21.4             |       |
| Power Output Tolerance      | (W)                  | 0-±5             |       |                  |       |                  |       |                  |       |                  |       |
| Tolerance During Power Test | (%)                  | ±3               |       |                  |       |                  |       |                  |       |                  |       |

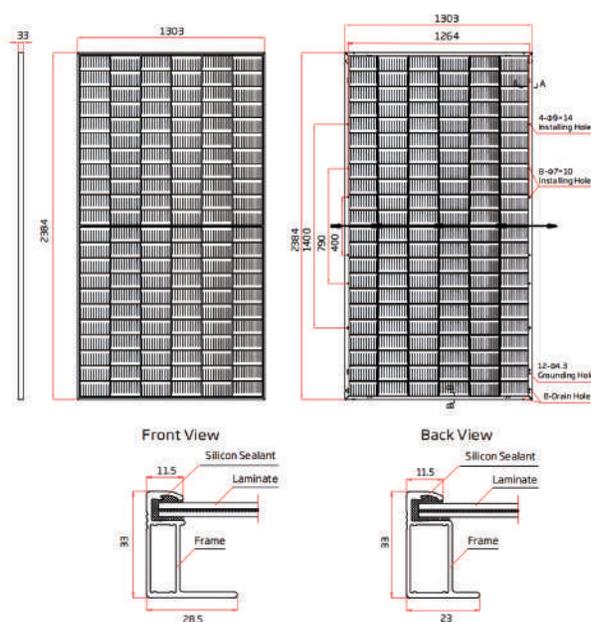
\*(STC)\*irradiance 1000W/m<sup>2</sup>, Cell Temperature 25 C, Air Mass AM1.5. Measuring tolerance:±3%.  
 \*(NOCT)\*irradiance 800W/m<sup>2</sup>, Ambient Temperature 20 C, Wind Speed 1m/s\*

| Mechanical Data                 |   |
|---------------------------------|---|
| Number of Cells                 | 132Cells  |
| Dimensions of Module L*W*H (mm) | 2384x1303x33 mm   |
| Weight (kg)                     | 38.3 kg   |
| Front Glass                     | 2.0mm,High Transmission,<br>AR Coated Heat Strengthened Glass |
| Back Glass                      | 2.0mm, Heat Strengthened Glass                                |
| Frame                           | 33mm Anodized Aluminium Alloy                                 |
| J-BOX                           | IP68 rated  |
| Cable                           | Photovoltaic Technology Cable 4.0mm <sup>2</sup>              |
|                                 | Portrait: 350/280 mm  |
|                                 | Length can be customized                                      |
| Connector                       | MC4 EVO2/TS4*   |

\*Please refer to regional datasheet for specified connector

| Temperature Ratings                         |                             |
|---|-----------------------------|
| NOCT(Nominal Operating Cell Temperature)    | 43(±2 C)                    |
| Temperature Coefficient of P <sub>max</sub> | -0.34%/C                    |
| Temperature Coefficient of Voc              | -0.25%/C                    |
| Temperature Coefficient of Isc              | -0.04%/C                    |
| Maximum Ratings                             |                             |
| Operational Temperature                     | -40 - +85 C                 |
| Maximum System Voltage                      | 1500V DC(IEC), 1500V DC(UL) |
| Max Series Fuse Rating                      | 35A                         |
| Packaging Configuration                     |                             |
| Module per box                              | 33 pieces                   |
| Module per 40' container                    | 594 pieces                  |

### ENGINEERING DRAWINGS



### IV CURVES

