

## HY-DH132H10 700-740W

**23.8%**

Max. Efficiency

**HJT**

Bifacial & Dual Glass

**132 Pieces**

Half-Cell



### Leading Technology

Based on HJT cell and G12 technology platform; Advanced design and manufacturing process; Industry leading reliability and efficiency of mass production



### High Power

Bifacial higher power output, lower temperature coefficient and better low light performance; Significantly enhanced power output and lower LCOE



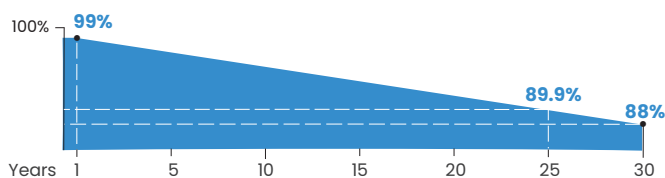
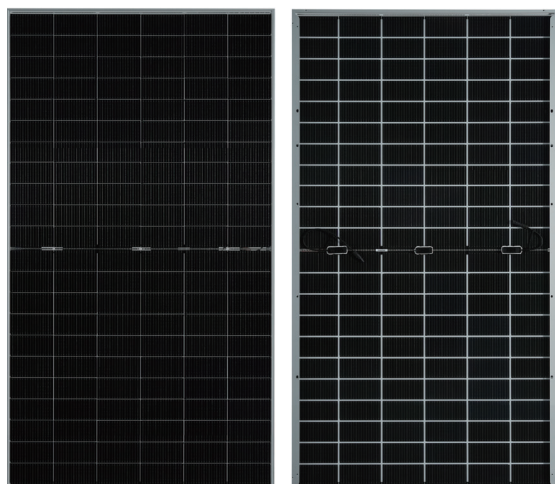
### Long-term Reliability

Unsusceptible to LID, LeTID and lower PID degradation; 5400Pa snow load, 2400Pa wind load, and 35mm hail-resistant with 27.2m/s strike



### Stringent Quality Control

Durable product structure; Stringent quality control system; Guaranteed after-sales service to ensure long-term reliability



Runergy HJT Dual Glass Product Performance Warranty

• 1st year degradation <1%. annual degradation <0.38%



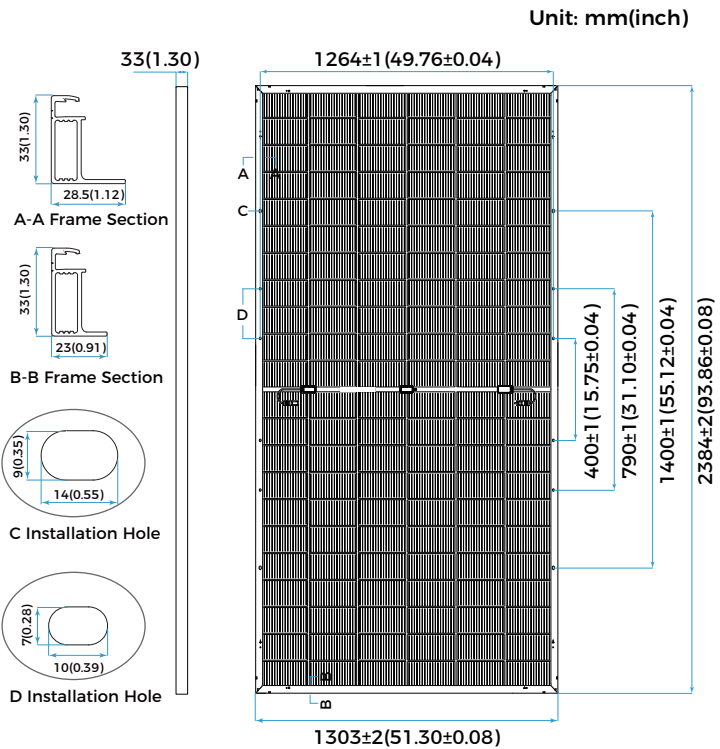
12-year product warranty



30-year linear power warranty

| Mechanical Parameters |                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------|
| Solar Cell            | Mono HJT 210mm                                                                    |
| No. of Cells          | 132 (6 × 22)                                                                      |
| Dimensions            | 2384 × 1303 × 33mm(93.86 × 51.30 × 1.30in.)                                       |
| Weight                | 38.3kg(84.44lbs)                                                                  |
| Junction Box          | IP68 rated (3 bypass diodes)                                                      |
| Output Cable          | 4mm <sup>2</sup> (IEC), 12 AWG(UL)<br>+400/-200mm (+15.75/-7.87in.) or customized |
| Connector             | RY01 or similar                                                                   |
| Front Cover           | 2.0mm AR coated heat strengthened glass                                           |
| Back Cover            | 2.0mm heat strengthened glass                                                     |
| Frame                 | Aluminum, silve anodized                                                          |
| Container             | 33 pcs/Pallet, 594pcs/40' HQ                                                      |

| Operating Parameters    |                                                                |
|-------------------------|----------------------------------------------------------------|
| Max. System Voltage     | DC 1500V (IEC/UL)                                              |
| Operating Temperature   | -40℃ ~ +85℃(-40°F ~ +185°F)                                    |
| Max. Fuse Rating        | 35A                                                            |
| Front/Back Max. Loading | 5400Pa (112lb/ft <sup>2</sup> )/2400Pa (50lb/ft <sup>2</sup> ) |
| Bifaciality             | 85%±5%                                                         |
| Hail Test               | 35mm, 27.2 m/s.                                                |
| Fire Resistance         | IEC Class A/ UL Type 29                                        |



| Electrical Characteristics - STC  | Irradiance 1000 W/m <sup>2</sup> , cell temperature 25 °C, AM1.5, Test uncertainty for Pmax: ±3% |       |       |       |       |       |       |       |       |
|-----------------------------------|--------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum Power at STC (Pmax/W)     | 740                                                                                              | 735   | 730   | 725   | 720   | 715   | 710   | 705   | 700   |
| Power Tolerance (W)               | 0 ~ +5                                                                                           |       |       |       |       |       |       |       |       |
| Optimum Operating Voltage (Vmp/V) | 43.25                                                                                            | 43.11 | 42.97 | 42.83 | 42.68 | 42.54 | 42.39 | 42.25 | 42.10 |
| Optimum Operating Current (Imp/A) | 17.11                                                                                            | 17.05 | 16.99 | 16.93 | 16.87 | 16.81 | 16.75 | 16.69 | 16.63 |
| Open Circuit Voltage (Voc/V)      | 51.34                                                                                            | 51.19 | 51.04 | 50.89 | 50.74 | 50.59 | 50.44 | 50.29 | 50.13 |
| Short Circuit Current (Isc/A)     | 17.91                                                                                            | 17.85 | 17.79 | 17.73 | 17.67 | 17.61 | 17.55 | 17.49 | 17.43 |
| Module Efficiency                 | 23.8%                                                                                            | 23.7% | 23.5% | 23.3% | 23.2% | 23.0% | 22.9% | 22.7% | 22.5% |

| Electrical Characteristics - BNPI | Irradiance: front 1000W/m <sup>2</sup> , rear 135W/m <sup>2</sup> , Cell temperature 20 °C, AM1.5. |       |       |       |       |       |       |       |       |
|-----------------------------------|----------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Maximum Power at BNPI(Pmax/W)     | 819                                                                                                | 813   | 808   | 803   | 797   | 792   | 786   | 780   | 775   |
| Optimum Operating Voltage (Vmp/V) | 43.25                                                                                              | 43.11 | 42.97 | 42.83 | 42.68 | 42.54 | 42.39 | 42.25 | 42.10 |
| Optimum Operating Current (Imp/A) | 18.94                                                                                              | 18.87 | 18.80 | 18.74 | 18.67 | 18.61 | 18.54 | 18.47 | 18.41 |
| Open Circuit Voltage (Voc/V)      | 51.47                                                                                              | 51.32 | 51.17 | 51.01 | 50.86 | 50.71 | 50.56 | 50.41 | 50.25 |
| Short Circuit Current (Isc/A)     | 19.86                                                                                              | 19.79 | 19.73 | 19.66 | 19.59 | 19.53 | 19.46 | 19.39 | 19.33 |

| Rearside Power Gain (Reference to 715W Front) |       |       |       |
|-----------------------------------------------|-------|-------|-------|
| Rearside Power Gain                           | 5%    | 15%   | 25%   |
| Maximum Power (Pmax/W)                        | 706   | 822   | 894   |
| Optimum Operating Voltage (Vmp/V)             | 42.60 | 42.64 | 42.67 |
| Optimum Operating Current (Imp/A)             | 17.63 | 19.29 | 20.95 |
| Open Circuit Voltage (Voc/V)                  | 50.65 | 50.69 | 50.72 |
| Short Circuit Current (Isc/A)                 | 18.47 | 20.21 | 21.96 |
| Module Efficiency                             | 24.2% | 26.5% | 28.8% |

| Temperature Characteristics          |           |
|--------------------------------------|-----------|
| Nominal Module Operating Temperature | 42 ± 2 °C |
| Nominal Cell Operating Temperature   | 45 ± 2 °C |
| Temperature Coefficient of Pmax      | -0.26%/°C |
| Temperature Coefficient of Voc       | -0.24%/°C |
| Temperature Coefficient of Isc       | 0.04%/ °C |

