



## 66KUN-S Bifacial

66KUN - 610~630M

- High-performance PV modules For Utility Power Plants
- Advanced MBB Cell Technology Delivers Superior Module Efficiency
- High Bifaciality & Excellent Power Temperature Coefficient Achieves High Energy Yield

IEC 61215  
IEC 61730  
CE ISO

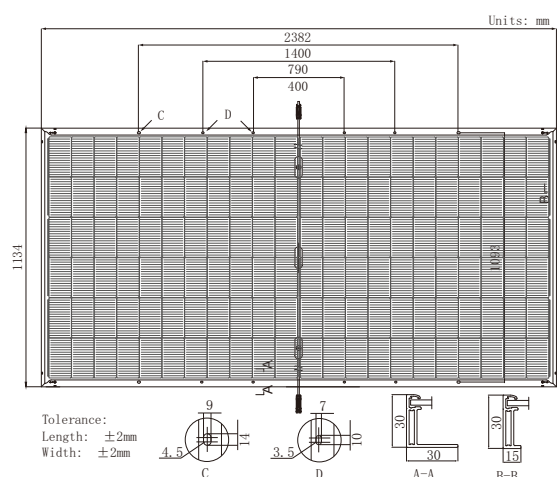
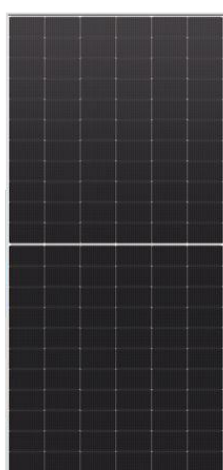
12-year  
Warranty For  
Materials  
& Processing

30-year  
Warranty For  
Extra Linear  
Power Output



Web: [www.wonvolt.com](http://www.wonvolt.com)  
Email: [info@wonvolt.com](mailto:info@wonvolt.com)

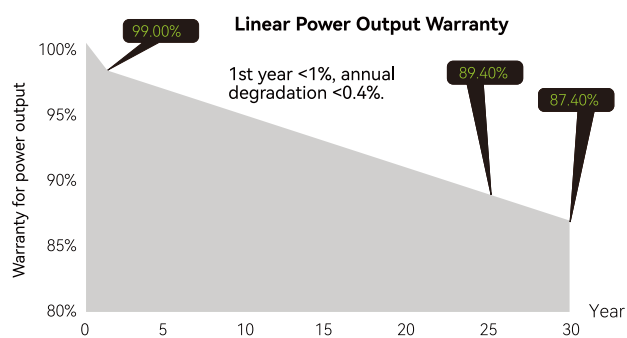




### Mechanical Parameters

|                  |                                                    |
|------------------|----------------------------------------------------|
| Cells            | TNC (N Type Monocrystalline Cell)                  |
| Cell Orientation | 132[6×22]                                          |
| Dimension        | 2382±2×1134±2×30mm                                 |
| Weight           | 32.5kg                                             |
| Front Glass      | 3.2mm high transmittance, AR coated tempered glass |
| Backsheet        | White                                              |
| Frame            | Anodized aluminum alloy frame                      |
| Junction Box     | IP68, 3 diodes                                     |
| Output Cable     | 4.0mm <sup>2</sup>                                 |
| Cable Length     | +400mm, -200mm, length can be customized           |
| Wind/Snow Load   | 2400Pa/5400Pa                                      |
| Packaging        | 36pcs per pallet, 720pcs per 40'HC                 |

### Additional Value



### Electrical Characteristics

STC : AM1.5 1000W/m<sup>2</sup> 25°CNOCT : AM1.5 800W/m<sup>2</sup> 20°C 1m/s

Test uncertainty for Pmax: ±3%

| Module Type                      | WV-66KUN610-H12RS |       | WV-66KUN615-H12RS |       | WV-66KUN620-H12RS |       | WV-66KUN625-H12RS |       | WV-66KUN630-H12RS |       |
|----------------------------------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|-------------------|-------|
| Testing Condition                | STC               | NOCT  | STC               | NOCT  | STC               | NOCT  | STC               | NOCT  | STC               | NOCT  |
| Maximum Power (Pmax/W)           | 610               | 461   | 615               | 464   | 620               | 468   | 625               | 472   | 630               | 476   |
| Open Circuit Voltage (Voc/V)     | 48.70             | 46.36 | 48.90             | 46.55 | 49.10             | 46.74 | 49.30             | 46.93 | 49.50             | 47.12 |
| Short Circuit Current (Isc/A)    | 15.94             | 12.87 | 16.00             | 12.92 | 16.06             | 12.97 | 16.12             | 13.01 | 16.18             | 13.06 |
| Voltage at Maximum Power (Vmp/V) | 40.48             | 37.89 | 40.65             | 37.98 | 40.82             | 38.18 | 40.96             | 38.32 | 41.10             | 38.45 |
| Current at Maximum Power (Imp/A) | 15.07             | 12.17 | 15.13             | 12.22 | 15.19             | 12.26 | 15.26             | 12.32 | 15.33             | 12.38 |
| Module Efficiency(%)             | 22.6              |       | 22.8              |       | 23.0              |       | 23.1              |       | 23.3              |       |

### Operating Parameters

|                                    |                  |
|------------------------------------|------------------|
| Operational Temperature            | -40°C ~ +85°C    |
| Power Output Tolerance             | 0 ~ 3%           |
| Maximum System Voltage             | DC1500V (IEC/UL) |
| Maximum Series Fuse Rating         | 25A              |
| Nominal Operating Cell Temperature | 45±2°C           |

### Mechanical Loading

|                                   |                                      |
|-----------------------------------|--------------------------------------|
| Front Side Maximum Static Loading | 5400Pa                               |
| Rear Side Maximum Static Loading  | 2400Pa                               |
| Hailstone Test                    | 25mm Hailstone at the speed of 23m/s |

### Temperature Ratings (STC)

|                                |            |
|--------------------------------|------------|
| Temperature Coefficient (Pmax) | -0.30%/°C  |
| Temperature Coefficient (Voc)  | -0.25%/°C  |
| Temperature Coefficient (Isc)  | +0.046%/°C |
| NMOT                           | 45±2°C     |