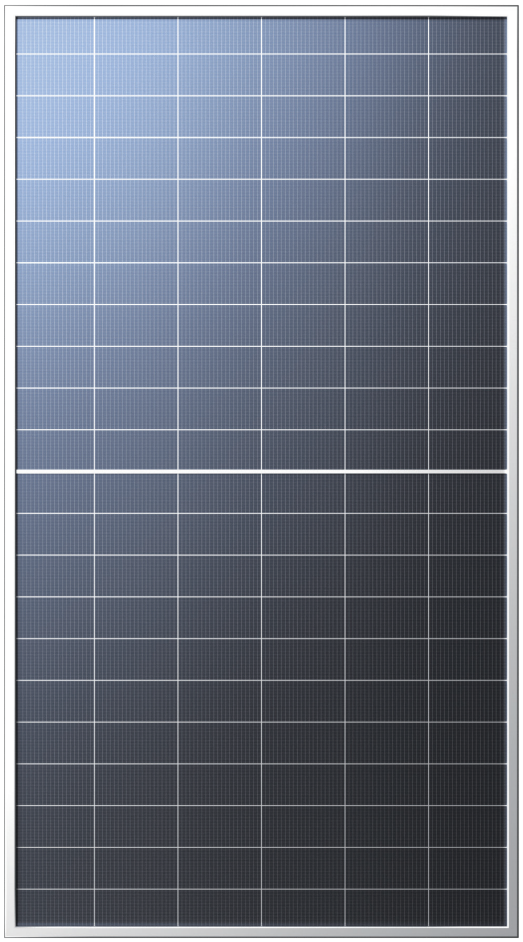
SunLink PV

# HJT BIFACIAL HALF CELL MODULE

## SL6N132D

### 735 | 740 WATT



| ELECTRICAL DATA | STC | NMOT | STC | NMOT |
|---|---|---|---|---|
| Rated Power In Watts-Pmax (Wp) | 735 | 561 | 740 | 565 |
| Maximum Power Voltage-Vmpp (V) | 42.44 | 40.54 | 42.53 | 40.63 |
| Maximum Power Current-Impp (A) | 17.32 | 13.84 | 17.40 | 13.91 |
| Open Circuit Voltage-Voc (V) | 50.50 | 48.13 | 50.60 | 48.23 |
| Short Circuit Current-Isc (A) | 18.42 | 14.72 | 18.51 | 14.79 |
| Module Efficiency (%) | 23.7% | / | 23.8% | / |

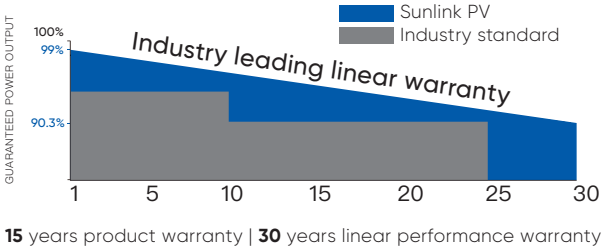
STC: Irradiation 1000 W/m², Cell Temperature 25℃, Air Mass AM1.5 according to EN 60904-3.
NOCT: Irradiation: 800 W/m,, ambient temperature: 20 ℃, air mass: 1.5, wind speed 1 m/s

| Electrical Characteristics With Different Rear Side Power Again (Reference To 740w Front) | | | | | |
|---|---|---|---|---|---|
| Pmax gain (%) | 5% | 10% | 15% | 20% | 25% |
| Maximum Power (Pmax/W) | 777 | 814 | 851 | 888 | 925 |
| Maximum Power Voltage (Vmpp/V) | 42.53 | 42.53 | 42.53 | 42.53 | 42.53 |
| Maximum Power Current (Impp/A) | 18.27 | 19.14 | 20.01 | 20.88 | 21.75 |

| MECHANICAL CHARACTERISTICS | |
|---|---|
| Solar Cells | Monocrystalline HJT,SMBB |
| Cell Configuration | 132 cells (6 x 11 x 2) |
| Module Dimensions | 2384 x 1303x 33 mm |
| Weight | 37.9 kg |
| Glass | High Transmission,Low Iron,Tempered ARC Glass |
| Back Sheet | 2.0mm Glass |
| Frame | Anodized Aluminium Alloy, Silver |
| J-Box | IP68, 3 bypass diodes |
| Cables | 4.0mm , (+) 380mm, (-) 380mm or customized length |
| Connector | MC4 Compatible |

| TEMPERATURE & MAXIMUM RATINGS | |
|---|---|
| Nominal Module Operating Temperature (NMOT) | 44±2℃ |
| Temperature Coefficient of Voc | -0.24% /℃ |
| Temperature Coefficient of Isc | 0.04%/℃ |
| Temperature Coefficient of Pmax | -0.24% / ℃ |
| Operational Temperature | -40℃~+85℃ |
| Maximum System Voltage | 1500VDC |
| Max Series Fuse Rating | 35A |

| PACKAGING CONFIGURATION | |
|---|---|
| Container Type | 40 FT (HQ) |
| Number of Modules Per Container | 594 |
| Number of Modules Per Pallet | 33 |
| Number of Pallets Per Container | 18 |




**15** years product warranty | **30** years linear performance warranty

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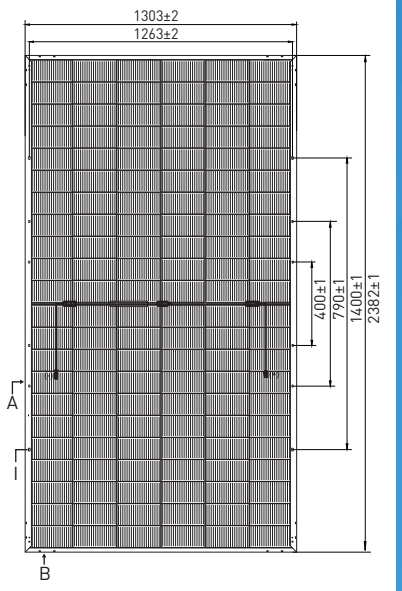
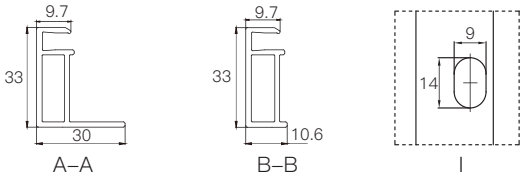
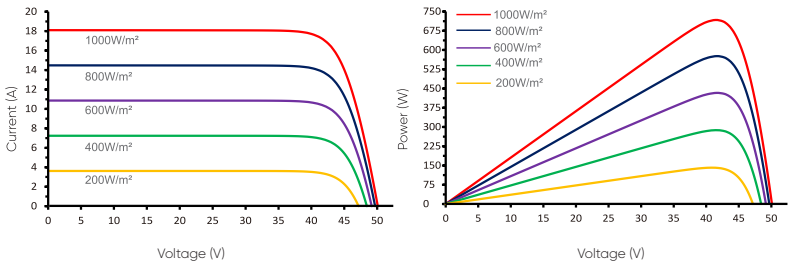
### BACK OVERVIEW




### DRAWINGS (MM)




### CURRENT-VOLTAGE & POWER-VOLTAGE CURVES (SL6N132D)




## HIGHLIGHTS

+W/m²

### 0BB Technology

·Module efficiency high to 23.8% ensure less BOS cost

·Gain more solar power per square meter

15/30

### LONGER WARRANTY

·N-type HJT technology ensures 15-year product warranty and 30-year power warranty

≤1%
≤0.3%

### LESS DEGRADATION

·1st year degradation＜1%

·Annual degradation＜0.3%

≥90%

### HIGHER BIFACIALITY

·90%-95% Bifaciality ensures to gain more solar energy from backside

%/℃
-0.24

### LOWER TEMPERATURE COEFFICIENT OF PMAX

·HJT modules' coefficient of Pmax low to -0.24%/℃ helps gaining more power at sunny days.

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