

# HJT BIFACIAL HALF CELL MODULE

## SL6N132D

715 | 720 WATT

ELECTRICAL DATA	STC	NMOT	STC	NMOT
Rated Power In Watts-Pmax (Wp)	715	545	720	549
Maximum Power Voltage-Vmpp (V)	42.06	40.14	42.17	40.22
Maximum Power Current-Impp (A)	17.00	13.58	17.08	13.65
Open Circuit Voltage-Voc (V)	50.10	47.82	50.20	47.91
Short Circuit Current-Isc (A)	18.07	14.44	18.16	14.51
Module Efficiency (%)	23.0%	/	23.2%	/

STC: Irradiation 1000 W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.  
 NOCT: Irradiation: 800 W/m<sup>2</sup>, ambient temperature: 20 °C, air mass: 1.5, wind speed 1 m/s

### Electrical Characteristics With Different Rear Side Power Again (Reference To 720w Front)

Pmax gain (%)	5%	10%	15%	20%	25%
Maximum Power (Pmax/W)	756	792	828	864	900
Maximum Power Voltage (Vmpp/V)	42.17	42.17	42.17	42.17	42.17
Maximum Power Current (Impp/A)	17.93	18.79	19.64	20.49	21.35

### MECHANICAL CHARACTERISTICS

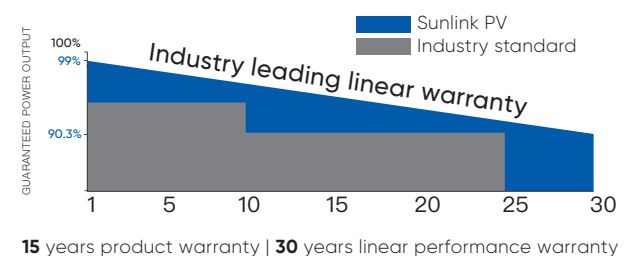
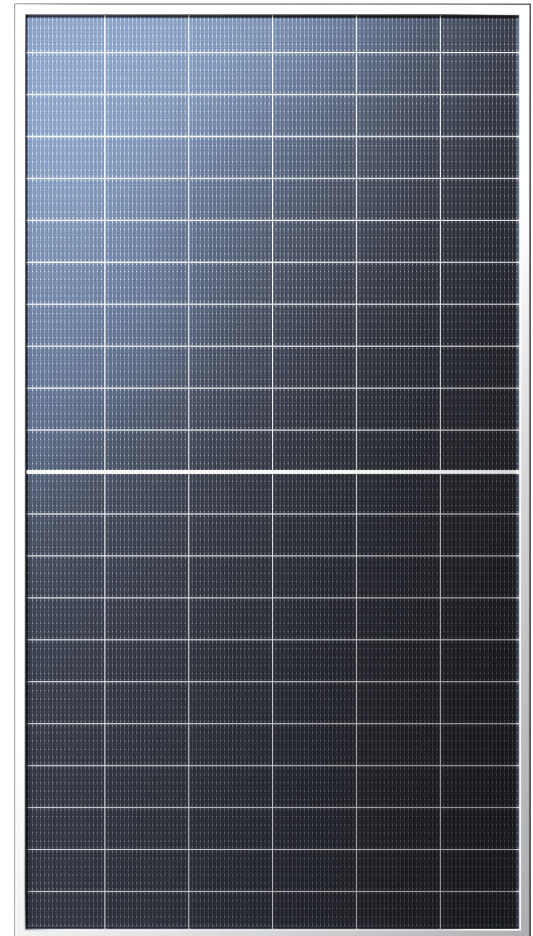
Solar Cells	Monocrystalline HJT, SMBB
Cell Configuration	132 cells (6 x 11 x 2)
Module Dimensions	2384 x 1303x 33 mm
Weight	37.9 kg
Glass	High Transmission, Low Iron, Tempered ARC Glass
Back Sheet	2.0mm Glass
Frame	Anodized Aluminium Alloy, Silver
J-Box	IP68, 3 bypass diodes
Cables	4.0mm, (+) 380mm,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

### TEMPERATURE & MAXIMUM RATINGS

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

### PACKAGING CONFIGURATION

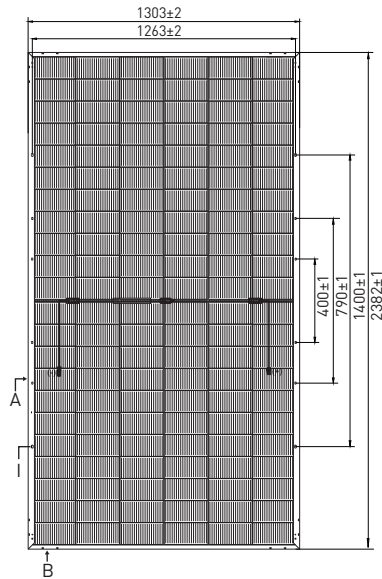
Container Type	40 FT (HQ)
Number of Modules Per Container	594
Number of Modules Per Pallet	33
Number of Pallets Per Container	18



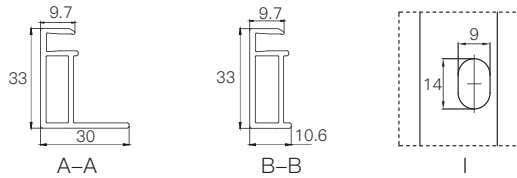
# HJT BIFACIAL HALF CELL MODULE

## SL6N132D 715 | 720 WATT

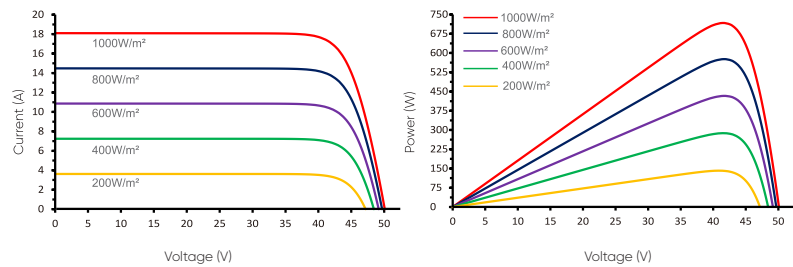
### BACK OVERVIEW



### DRAWINGS (MM)



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



## HIGHLIGHTS

$$+ \frac{W}{m^2}$$

### HIGHER EFFICIENCY

- Module efficiency high to 23.2% ensure less BOS cost
- Gain more solar power per square meter

$$\frac{15}{30}$$

### LONGER WARRANTY

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

$$\leq 1\%$$

$$\leq 0.3\%$$

### LESS DEGRADATION

- 1st year degradation < 1%
- Annual degradation < 0.3%

$$\geq 90\%$$

### HIGHER BIFACIALITY

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

$$\frac{\%}{^{\circ}C}$$

$$-0.24$$

### LOWER TEMPERATURE COEFFICIENT OF P<sub>MAX</sub>

- HJT modules' coefficient of P<sub>max</sub> low to -0.24%/C helps gaining more power at sunny days.