

HJT BIFACIAL HALF CELL MODULE

SL6N132D

695 | 700 WATT

ELECTRICAL DATA	STC	NMOT	STC	NMOT
Rated Power In Watts-Pmax (Wp)	695	530	700	534
Maximum Power Voltage-Vmpp (V)	41.95	40.15	42.10	40.30
Maximum Power Current-Impp (A)	16.57	13.21	16.63	13.26
Open Circuit Voltage-Voc (V)	49.85	47.80	50.00	47.95
Short Circuit Current-Isc (A)	17.37	13.97	17.43	14.02
Module Efficiency (%)	22.4%	/	22.5%	/

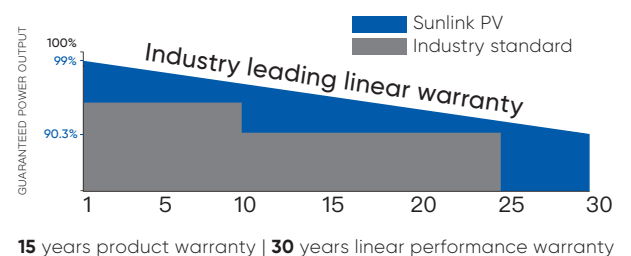
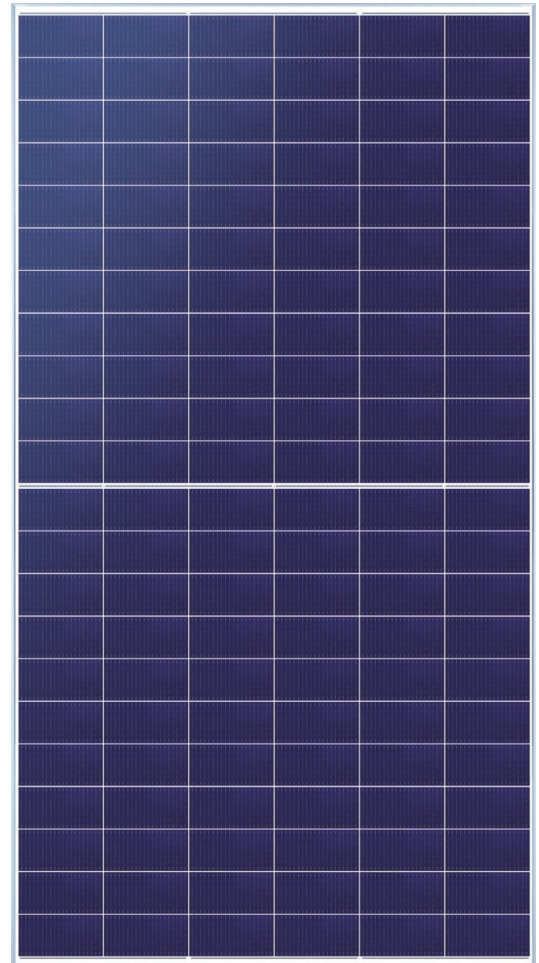
STC: Irradiation 1000 W/m², Cell Temperature 25°C, Air Mass AM1.5 according to EN 60904-3.
NOCT: Irradiation: 800 W/m², ambient temperature: 20 °C, air mass: 1.5, wind speed 1 m/s

Electrical Characteristics With Different Rear Side Power Again (Reference To 700w Front)					
Pmax gain (%)	5%	10%	15%	20%	25%
Maximum Power (Pmax/W)	735	770	805	840	875
Maximum Power Voltage (Vmpp/V)	42.10	42.10	42.10	42.10	42.10
Maximum Power Current (Impp/A)	17.46	18.29	19.13	19.96	20.79

MECHANICAL CHARACTERISTICS	
Solar Cells	Monocrystalline HJT,SMBB
Cell Configuration	132 cells (6 x 11 x 2)
Module Dimensions	2384 x 1303x 33 mm
Weight	38.3kg
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	-0.26%/°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

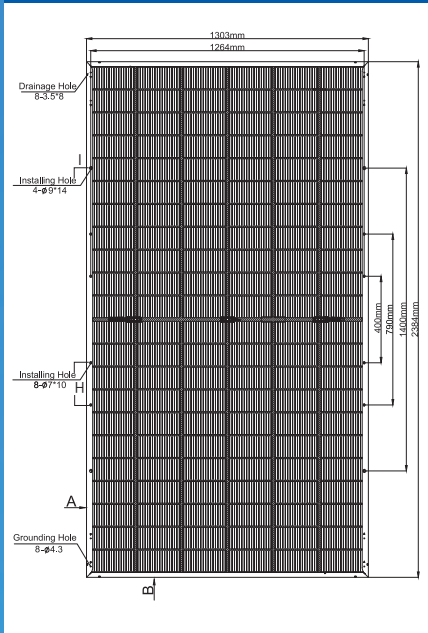
PACKAGING CONFIGURATION	
Container Type	40 FT (HQ)
Number of Modules Per Container	594
Number of Modules Per Pallet	33
Number of Pallets Per Container	18



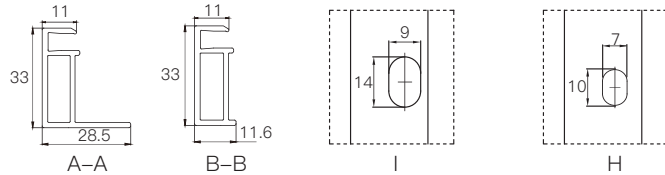
HJT BIFACIAL HALF CELL MODULE

SL6N132D 695 | 700 WATT

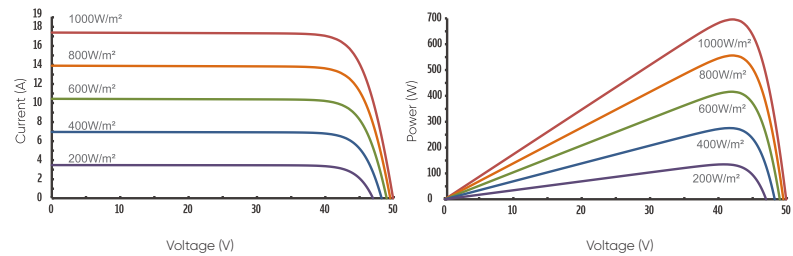
BACK OVERVIEW



DRAWINGS (MM)



CURRENT-VOLTAGE & POWER-VOLTAGE CURVES (SL6N132D)



HIGHLIGHTS

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

HJT Technology

- Module efficiency high to 22.5% 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

$$\begin{matrix} \leq 1\% \\ \leq 0.3\% \end{matrix}$$

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

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

LOWER TEMPERATURE COEFFICIENT OF PMAX

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