SunLink PV

POWER+ TOCPON BIFACIAL HALF CELL MODULE

SL5N132D

615 | 620 WATT

ELECTRICAL DATA	STC	NMOT	STC	NMOT
Rated Power In Watts-Pmax (Wp)	615	466	620	470
Maximum Power Voltage-Vmpp (V)	39.94	37.55	40.11	37.72
Maximum Power Current-Impp (A)	15.40	12.41	15.46	12.46
Open Circuit Voltage-Voc (V)	48.30	45.88	48.50	46.07
Short Circuit Current-Isc (A)	16.10	12.99	16.15	13.03
Module Efficiency (%)	22.8%	/	23.0%	/

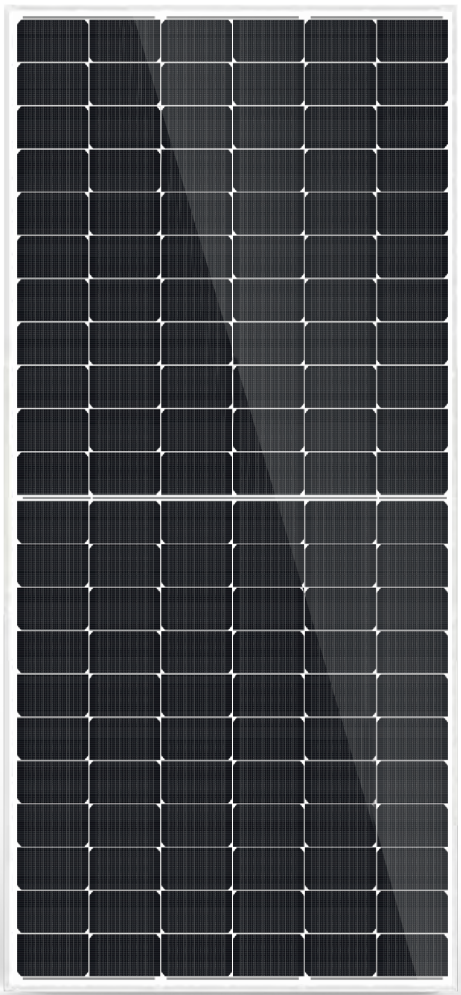
STC: Irradiation 1000 W/m², Cell Temperature 25℃, Air Mass AM1.5 according to EN 60904-3.
NOCT: Irradiation: 800 W/m,, ambient temperature: 20 ℃, air mass: 1.5, wind speed 1 m/s

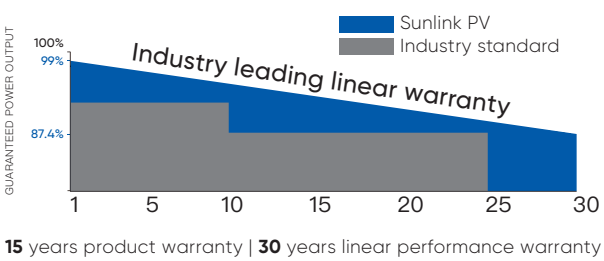
Electrical Characteristics With Different Rear Side Power Again (Reference To 620w Front)					
Pmax gain (%)	5%	10%	15%	20%	25%
Maximum Power (Pmax/W)	651	682	713	744	775
Maximum Power Voltage (Vmpp/V)	40.11	40.11	40.11	40.11	40.11
Maximum Power Current (Impp/A)	16.24	17.01	17.78	18.55	19.33

MECHANICAL CHARACTERISTICS	
Solar Cells	Monocrystalline N-type,SMBB
Cell Configuration	132 cells (6 x 11 x 2)
Module Dimensions	2382 x 1134x 30 mm
Weight	32.5 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	-0.26% /℃
Temperature Coefficient of Isc	0.046%/℃
Temperature Coefficient of Pmax	-0.30%/ ℃
Operational Temperature	-40℃~+85℃
Maximum System Voltage	1500VDC
Max Series Fuse Rating	30A

PACKAGING CONFIGURATION	
Container Type	40 FT (HQ)
Number of Modules Per Container	720
Number of Modules Per Pallet	36
Number of Pallets Per Container	20





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

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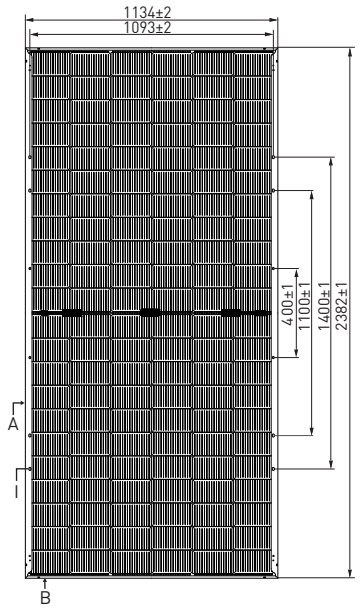
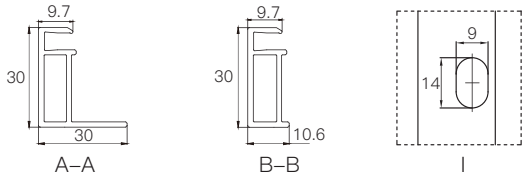
SL5N132D 615 | 620 WATT

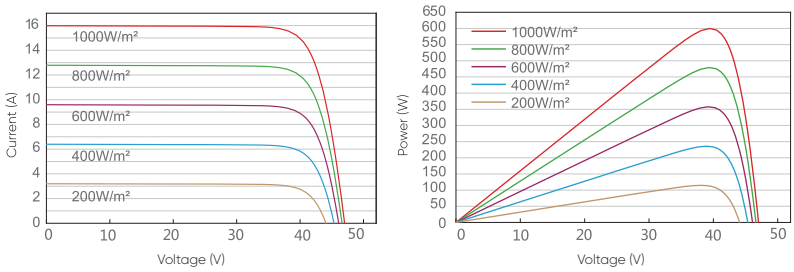
BACK OVERVIEW



DRAWINGS (MM)



CURRENT-VOLTAGE & POWER-VOLTAGE CURVES (SL5N132D)



HIGHLIGHTS

+W/m²

HIGHER EFFICIENCY

·Module efficiency high to 23.0% ensure less BOS cost

·Gain more solar power per square meter

15/30

LONGER WARRANTY

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

≤1%
≤0.4%

LESS DEGRADATION

·1st year degradation＜1%

·Annual degradation＜0.4%

≥75%

HIGHER BIFACIALITY

·75%-80% Bifaciality ensures to gain more solar energy from backside

%/℃
-0.3

LOWER TEMPERATURE COEFFICIENT OF PMAX

·TOPCON modules' coefficient of Pmax low to -0.3%/℃ helps gaining more power at sunny days.

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