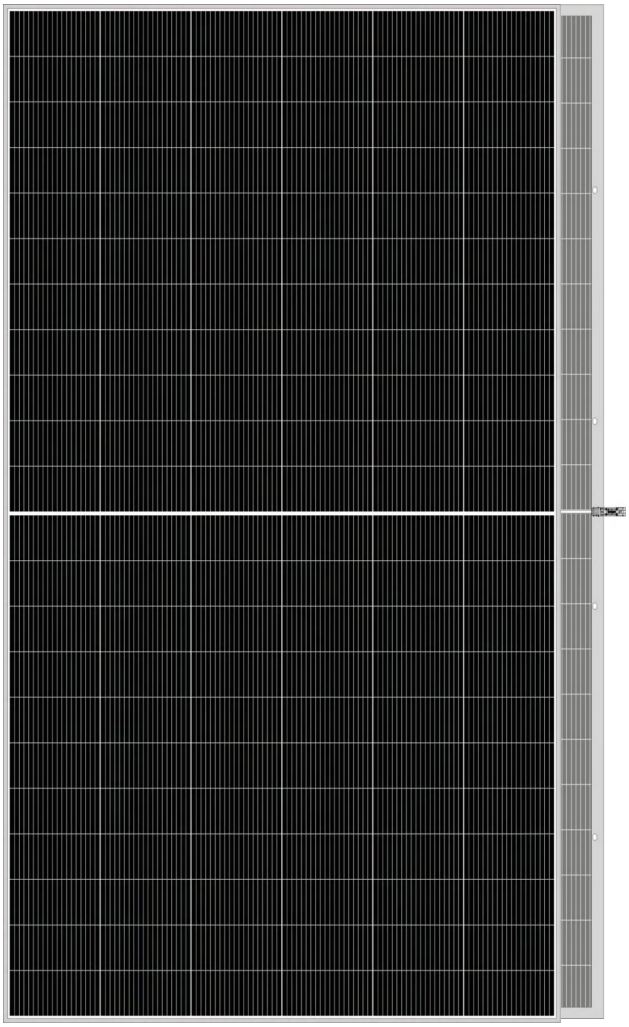
Solardeland®
Clean Energy For You

BIFACIAL
Dual Glass

DE-132G12HC700W-750W



Small in size, bigger on power
• Up to 750W,24.2% module efficiency with high density interconnect technology
• Reduce installation cost with higher power bin and efficiency
• Boost performance in warm weather with low temperature coefficient and operating temperature

High customer value
• Lower LCOE , reduced BOS cost, better ROI
• Lowest guaranteed first year and annual degradation
• Optimized compatibility with existing mainstream system components

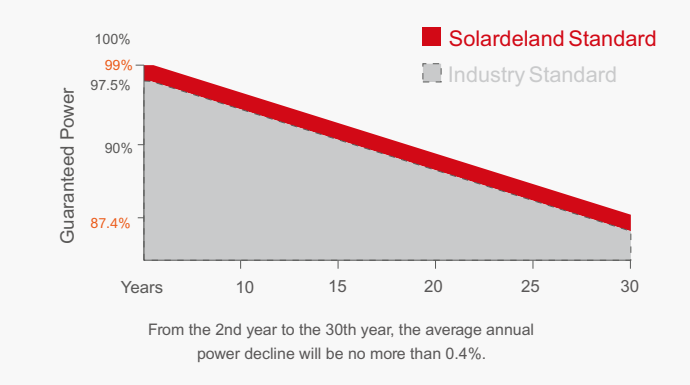
High output power
• Based on G 12-210mm solar cells with N-type TopCon technology
• High density interconnection provides improved power density
• MBB technology improves light-trapping effect and current-collection, while lowering series resistance

High reliability
• Minimized micro-cracks with innovative non-destructive cutting technology minimizes micro-cracking
• Ensured PID resistance through improved cell process and module material control
• Resistant to harsh environments
• Mechanical performance up to +5400/-2400 Pa

Longer warranty
• First-year degradation 1% and annual degradation at 0.4%
• Up to 12 years product warranty and 30years power warranty

PRODUCT Warranty

12 YEARS Product Warranty
30YEARS Performance guarantee

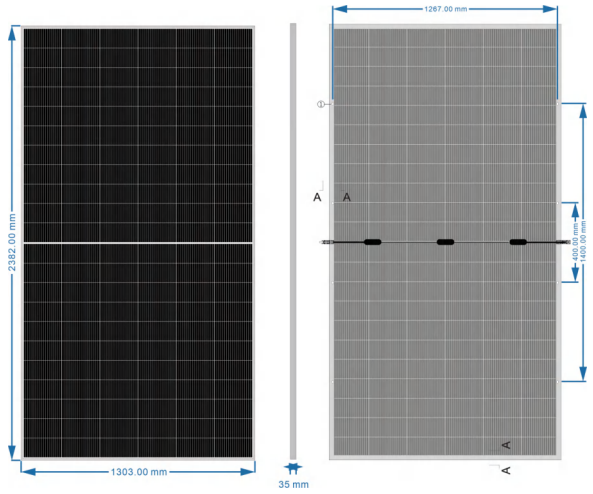


From the 2nd year to the 30th year, the average annual power decline will be no more than 0.4%.

G12-BIFACIAL **700W-750W**

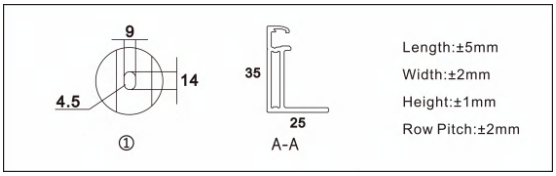
MECHANICAL PARAMETERS

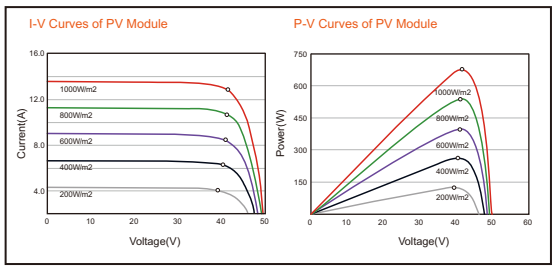
Cell Type	N-Type TopCon Half-cut Cell
No. of Cells	132
Front Cover	2.0 mm glass, high transmission, AR coated, tempered
Encapsulation	EVA
Back Cover	2.0mm,HeatStrengthenedGlass
Junction Box	IP68 rated, 3 bypass diodes
Frame	35mm Anodized Aluminium Alloy
Cable	1 x 4 mm², 350 mm length or customized
Connectors	MC 4/ MC 4 compatible
Weight	34.5Kg
Dimension	2382*1303*35mm
Packaging	558pcs/40HQ Container



OPERATING PARAMETERS

Operational Temperature	-40~+85°C
Power Output Tolerance	0~5W
Voc and Isc Tolerance	±3%
Maximum System Voltage	1500VDC(IEC)
Maximum Series Fuse Rating	25A
Nominal Operational Cell Temperature	43±2°C
Protection Class	Class II
Fire Rating	UL type 1 or 2 IEC Class C





ELECTRICAL CHARACTERISTICS STC AM1.5 1000W/m² 25°C NOCT:AM1.5 800W/m² 20°C 1m/s Test uncertaintv for Pmax:±3%

Module Type	DE-132G12HC700W		DE-132G12HC710W		DE-132G12HC720W		DE-132G12HC730W		DE-132G12HC740W		DE-132G12HC750W	
Testing Condition	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power(Pmax/W)	700W	529W	710W	536W	720W	543W	730W	550W	740W	557W	750W	564W
Voltage at Maximum Power(Vmp/V)	40.90	38.30	41.30	38.70	41.70	39.10	42.10	39.50	42.50	39.90	40.50	37.90
Current at Maximum Power(Imp/A)	17.29	13.96	17.36	13.99	17.44	14.03	17.51	14.07	17.58	14.10	17.65	14.14
Open Circuit Voltage(Voc/V)	47.00	44.40	47.40	44.80	47.80	45.20	48.20	45.60	48.60	46.00	49.00	46.40
Short Circuit Current(sc/A)	18.25	14.74	18.33	14.77	18.42	14.82	18.49	14.86	18.56	14.89	18.64	14.93
Module Efficiency(%)	22.50%		22.90%		23.20%		23.50%		23.80%		24.20%	

MECHANICAL LOADING

Snow Load	5400 Pa or 550 kg/m²
Wind Load	2400 Pa or 244 kg/m²
Hail Resistance	Max. Ø 25 mm at 23 m/s

TEMPERATURE RATINGS(STC)

Temperature Coefficient of Isc	0.04%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Pmax	-0.30%/°C

BifacialOutput-RearsidePowerGain

5%	MaximumPower(Pmax)	735W	746W	756W	767W	777W	788W
	ModuleEfficiencySTC(%	23.6%	24.0%	24.4%	24.7%	25.0%	25.4%
10%	MaximumPower(Pmax)	770W	781W	792W	803W	814W	825W
	ModuleEfficiencySTC(%	24.8%	25.2%	25.5%	25.9%	26.2%	26.6%

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