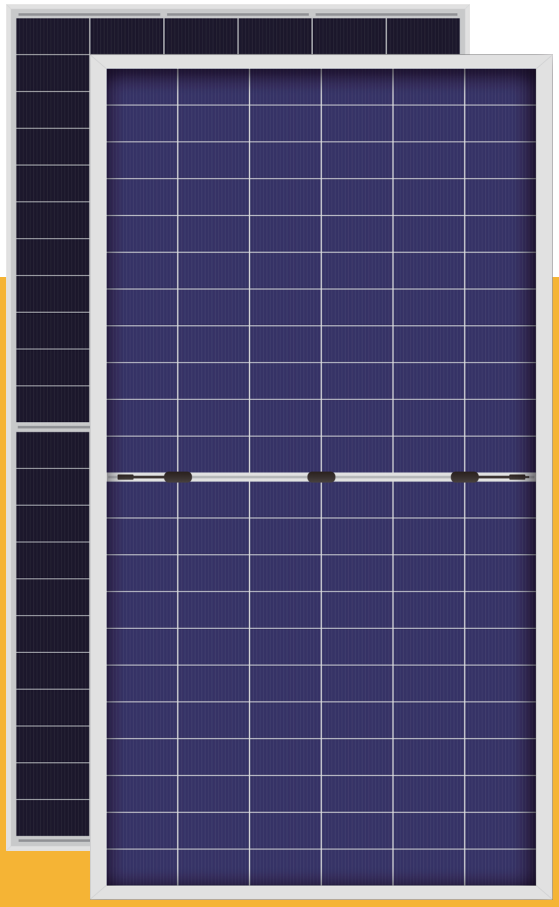
RecsunSolar

N-HJT
Hetero Junction Technology



720W-740W

G12 BIFACIAL DOUBLE-GLASS

Maximum Power Output	Maximum Module Efficiency	Power Output Tolerance
740W	**23.82%**	**0-+3%**

KEY FEATURES

HJT 3.0 Technology
Combining gettering process and single-side μC-Si technology to ensure higher efficiency and power.

Up to 95% Bifaciality
Natrual symmetrical bifacial structure bringing more energy yield from the backside.

-0.26%/°C Pmax Temperature Coefficient
More stable power generation performance and even better in hot climate.

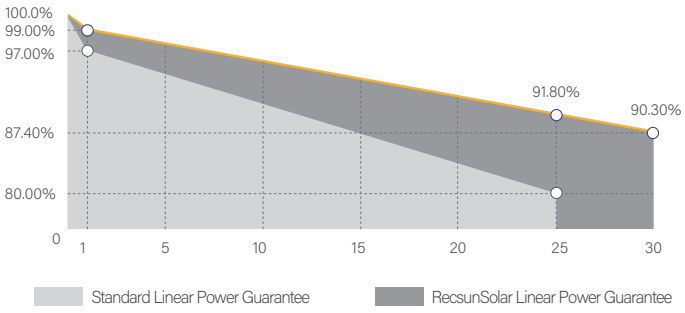
Sealing with PIB Based Sealant
Stronger water resistance, greater air impermeability to extend module lifespan.

SMBB Design with Half-Cut Technology
Shorter current transmission distance, less resistiv loss and higher cell efficiency.

Higher Reliability
Industrial leading product and performance warranty, ensure modules' consistent outstanding performance.

Product and Quality Certifications

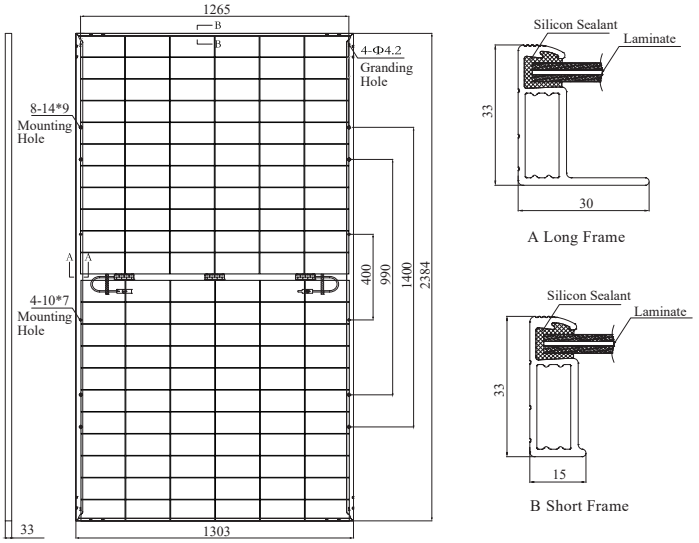
IEC 61215, IEC 61730
ISO 9001: Quality Management System
ISO 14001: Environment Management System
ISO 45001: Occupational Health and Safety Management System
IEC 62716, IEC 61701: Ammonia, Salt mist corrosion test
IEC TS 62804-1, IEC 60068-2-68: PID test, Dust and Sand test



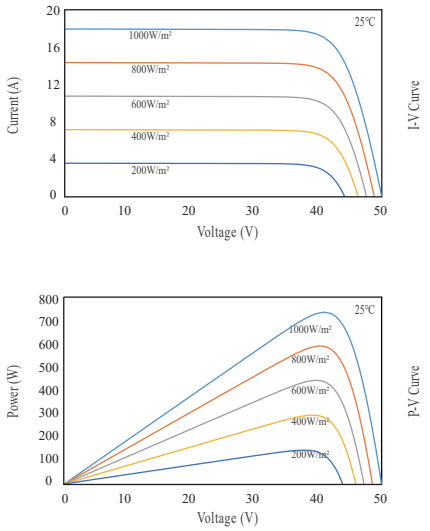
Leading Product and Power Warranty

-1.00%1st-Year Degradation -0.30%Annual Degradation 15Materials and Workmanship Warranty 30Linear Power Warranty

ENGINEERING DRAWING (mm)



CHARACTERISTIC CURVES (730W)



ELECTRICAL PARAMETERS (Test Condition is Based on the Front Side)

Module Type	HJT720H132G12D		HJT725H132G12D		HJT730H132G12D		HJT735H132G12D		HJT740H132G12D	
Testing Condition	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Nominal Max. Power(Pmax/W)	720	549	725	553	730	557	735	561	740	565
Open Circuit Voltage(Voc/V)	50.17	47.88	50.27	47.98	50.37	48.08	50.47	48.18	50.57	48.28
Short Circuit Current(Isc/A)	18.17	14.52	18.26	14.59	18.35	14.67	18.44	14.74	18.53	14.82
Maximum Power Voltage(Vmp/V)	42.14	40.23	42.23	40.32	42.32	40.41	42.41	40.50	42.50	40.59
Maximun Power Current(Imp/A)	17.10	13.67	17.18	13.73	17.26	13.79	17.34	13.86	17.42	13.93
Efficiency(%)	23.18%		23.34%		23.50%		23.66%		23.82%	

STC: Irradiance = 1000 W/m², Cell Temperature = 25°C, AM = 1.5, Average efficiency reduction of 4.5% at 200W/m².
NOTC: Irradiance = 800 W/m², Ambient Temperature = 20°C, AM = 1.5, Wind Speed = 1 m/s.

MECHANICAL PARAMETERS

Cell Type	210*105mm, 132HC	Connector	MC4 Original/Compatible
Module Size&Weight	2384×1303×33mm, 38.8Kg	Junction Box	IP68, 3 Bypass Diodes
Glass	2.0mm AR Coated Heat Strengthened Glass	Frame	Anodized Aluminium Alloy(Sliver)
Backsheet	2.0mm Ultra-Clear Float Glass	Cable	4mm², Cable Length 300mm(customized)

TEMPERATURE COEFFICIENTS

Nominal Operating Cell Temperature	43°C(±2°C)	Temperature Coefficient of Voc	-0.250%/°C
Temperature Coefficient of Pmax	-0.310%/°C	Temperature Coefficient of Isc	+0.040%/°C

BACKSIDE POWER GAIN 10% FOR REFERENCE

Module Frontside Power(W)	720	725	730	735	740
Nominal Max. Power(Pmax/W)	792	797.5	803	808.5	814
Open Circuit Voltage(Voc/V)	50.17	50.27	50.37	50.47	50.57
Short Circuit Current(Isc/A)	18.17	18.26	18.35	18.44	18.53
Max. Power Voltage(Vmp/V)	42.14	42.23	42.32	42.41	42.50
Max. Power Current(Imp/A)	17.10	17.18	17.26	17.34	17.42

OPERATING PARAMETERS

Max. System Voltage	DC1500V
Power Tolerance	0 - +3%
Operating Temperatue	-40°C - +85°C
Max. Fuse Rated Current	35A
Front Static Load	Snow 5400Pa, Wind 2400Pa
Packaging Data	33PCS/Pallet; 594PCS/40HQ

RecsunSolar
Tel: +86 519 86261678 Email: info@recsunsolar.com Web: www.recsunsolar.com