

Creator 1.0

445-465W

96-HJT BIFACIAL MODULE WITH DUAL GLASS



15 Years Product Warranty



30 Years Linear Power Warranty



0BB Technology

Lower light obstruction, higher conductivity.



High Reliability

Industry-leading product and performance warranty, ensuring modules' consistent outstanding performance.



PID Resistance

Double-sided TCO layer with natural anti-PID properties.



All-black Design

Sleek all-black minimalism, blending technology and artistry.



Low Temperature Coefficients

Excellent temperature coefficients, and more stable power generation performance.



LID Resistance

N-type modules have higher reliability and lower LID/LETID.



中国质量认证中心
CHINA QUALITY CERTIFICATION CENTER



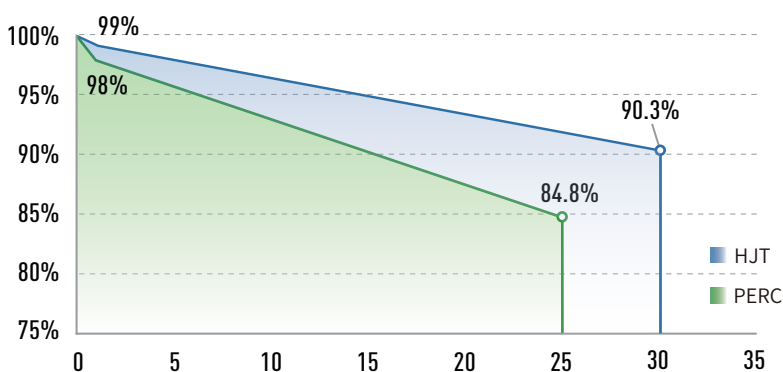
IEC61215:2021 / IEC61730:2023

IEC60068 / IEC61701 / IEC62716 / IEC62804

ISO9001:2015: ISO Quality Management System

ISO14001:2015: ISO Environment Management System

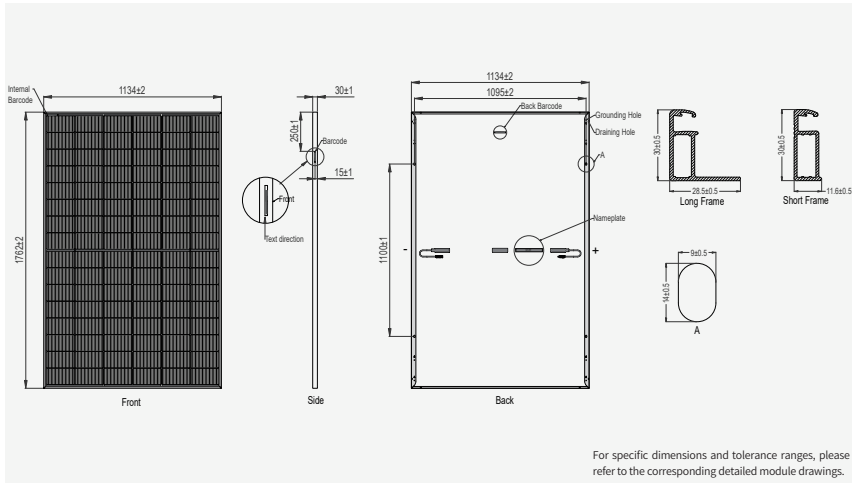
ISO45001:2018: Occupational Health and Safety Management Systems



Less than **1%** degradation in the 1st year

30 years power warranty

0.3% linear degradation



Mechanical Characteristics	
Cell Type	HJT Mono-crystalline
No. of Cells	96 (6×16)
Dimensions	1762×1134×30mm
Weight	21kg
Front Glass	1.6mm Anti-reflection Coating
Back Glass	1.6mm Heat Strengthened Glass
Frame	Anodized Aluminum Alloy Black Frame
Junction Box	IP68 Rated
Output Cables	4mm ² (+)350mm,(-)250mm; or Customized Length
Connectors Type	MC4/MC4 Compatible
Front Load	5400 Pa
Back Load	2400 Pa

Electrical Characteristics (STC)					
Module Types	SEHN210R-096D-445CB	SEHN210R-096D-450CB	SEHN210R-096D-455CB	SEHN210R-096D-460CB	SEHN210R-096D-465CB
Max. Power(Pmax)[W]	445	450	455	460	465
Open Circuit Voltage(Voc)[V]	35.96	36.05	36.14	36.23	36.32
Short Circuit Current(Isc)[A]	15.20	15.31	15.42	15.53	15.64
Max. Power Voltage(Vmp)[V]	30.98	31.16	31.25	31.34	31.43
Max. Power Current(Imp)[A]	14.44	14.55	14.66	14.77	14.88
Module Efficiency(%)	22.27	22.52	22.77	23.02	23.27
Power Tolerance	0 ~ +5W				

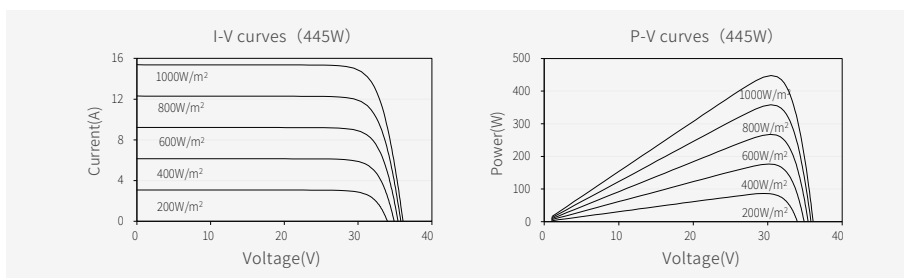
STC (Standard Test Conditions) : Irradiance 1000W/m², Cell temperature 25°C, AM 1.5, Tolerance of Pmax is within +/-3%

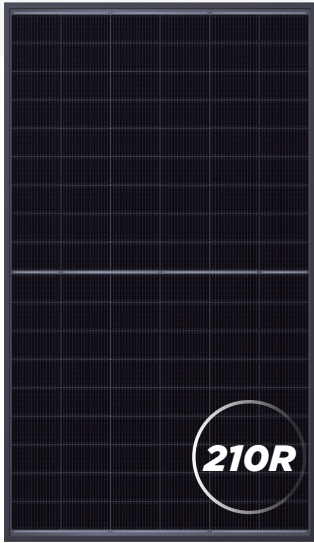
Packaging Configuration			
	Flat car	Flat car	Container
Size	13m	17.5m	40HC
Pallets Per	28	36	26
Modules Per Pallet (pcs)	36	36	36
Total Modules (pcs)	1008	1296	936

Temperature Coefficients	
Nominal Operating Cell Temp. (NOCT)	44 ± 2°C
Temperature Coefficient of Pmax δ(%/°C)	-0.24
Temperature Coefficient of Voc β(%/°C)	-0.22
Temperature Coefficient of Isc α(%/°C)	0.04

Application Conditions	
Operating Temperature	-40°C ~ 85°C
Maximum System Voltage	1500V
Maximum Series Fuse Rating	30A

Safety & Warranty	
Safety Class	Class II
Product Warranty	15 yrs Workmanship
Power Warranty	30 yrs Linear Warranty





Creator 1.0

490-510W

108-HJT BIFACIAL MODULE WITH DUAL GLASS



15 Years Product Warranty



30 Years Linear Power Warranty



0BB Technology

Lower light obstruction, higher conductivity.



High Reliability

Industry-leading product and performance warranty, ensuring modules' consistent outstanding performance.



PID Resistance

Double-sided TCO layer with natural anti-PID properties.



All-black Design

Sleek all-black minimalism, blending technology and artistry.



Low Temperature Coefficients

Excellent temperature coefficients, and more stable power generation performance.



LID Resistance

N-type modules have higher reliability and lower LID/LETID.



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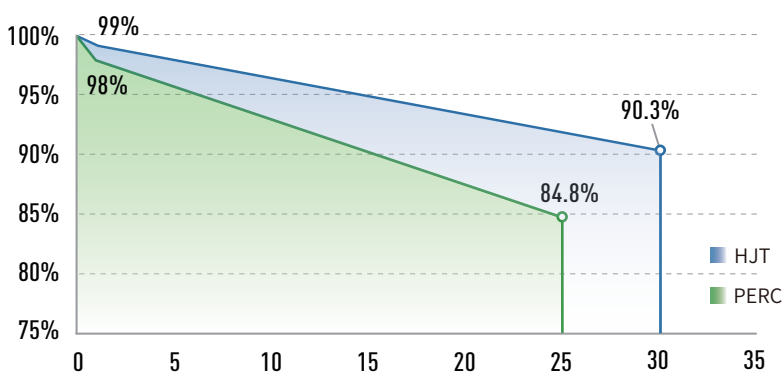
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IEC60068 / IEC61701 / IEC62716 / IEC62804

ISO9001:2015: ISO Quality Management System

ISO14001:2015: ISO Environment Management System

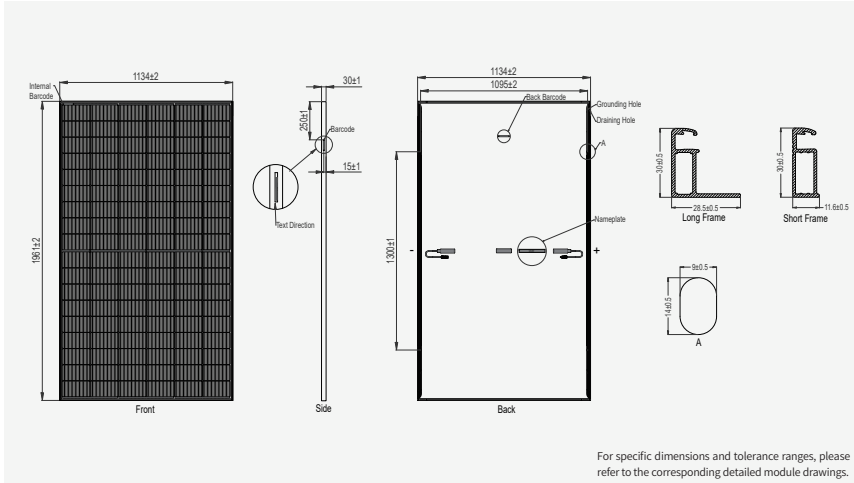
ISO45001:2018: Occupational Health and Safety Management Systems



Less than **1%** degradation in the 1st year

30 years power warranty

0.3% linear degradation



Mechanical Characteristics	
Cell Type	HJT Mono-crystalline
No. of Cells	108 (6×18)
Dimensions	1961×1134×30mm
Weight	27.6kg
Front Glass	2.0mm Anti-reflection Coating
Back Glass	2.0mm Heat Strengthened Glass
Frame	Anodized Aluminum Alloy Black Frame
Junction Box	IP68 Rated
Output Cables	4mm ² (+)350mm, (-)250mm; or Customized Length
Connectors Type	MC4/MC4 Compatible
Front Load	5400 Pa
Back Load	2400 Pa

Electrical Characteristics (STC)					
Module Types	SEHN210R-108D-490CB	SEHN210R-108D-495CB	SEHN210R-108D-500CB	SEHN210R-108D-505CB	SEHN210R-108D-510CB
Max. Power(Pmax)[W]	490	495	500	505	510
Open Circuit Voltage(Voc)[V]	40.39	40.47	40.55	40.63	40.71
Short Circuit Current(Isc)[A]	15.03	15.14	15.25	15.36	15.47
Max. Power Voltage(Vmp)[V]	34.89	34.97	35.05	35.13	35.21
Max. Power Current(Imp)[A]	14.12	14.23	14.34	14.45	14.56
Module Efficiency(%)	22.03	22.26	22.48	22.71	22.93
Power Tolerance	0 ~ +5W				

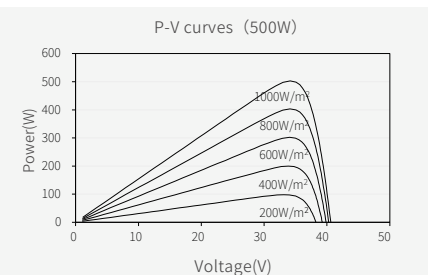
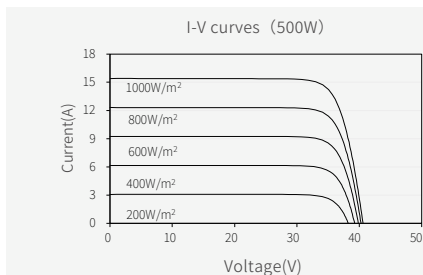
STC (Standard Test Conditions) : Irradiance 1000W/m², Cell temperature 25°C, AM 1.5, Tolerance of Pmax is within +/-3%

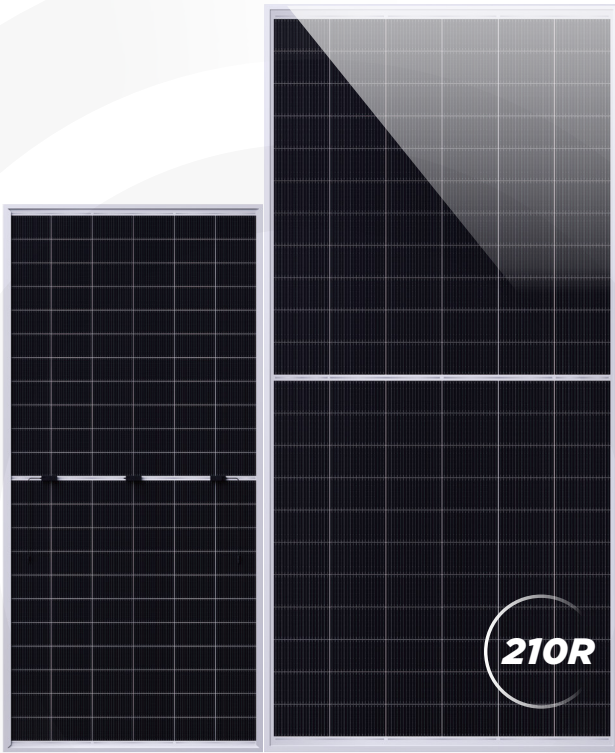
Packaging Configuration			
	Flat car	Flat car	Container
Size	13m	17.5m	40HC
Pallets Per	24	27	24
Modules Per Pallet (pcs)	36	36	36
Total Modules (pcs)	864	972	864

Temperature Coefficients	
Nominal Operating Cell Temp. (NOCT)	44 ± 2°C
Temperature Coefficient of Pmax δ (%/°C)	-0.24
Temperature Coefficient of Voc β (%/°C)	-0.22
Temperature Coefficient of Isc α (%/°C)	0.04

Application Conditions	
Operating Temperature	-40°C ~ 85°C
Maximum System Voltage	1500V
Maximum Series Fuse Rating	30A

Safety & Warranty	
Safety Class	Class II
Product Warranty	15 yrs Workmanship
Power Warranty	30 yrs Linear Warranty





Creator 1.0

620-640W

132-HJT BIFACIAL MODULE WITH DUAL GLASS



15 Years Product Warranty



30 Years Linear Power Warranty



0BB Technology

Lower light obstruction, higher conductivity.



High Reliability

Industry-leading product and performance warranty, ensuring modules' consistent outstanding performance.



PID Resistance

Double-sided TCO layer with natural anti-PID properties.



>90% Bifaciality

By virtue of the cell's natural bifacial structure, bifacial modules can generate power from both sides, which brings more energy yield.



Low Temperature Coefficients

Excellent temperature coefficients, and more stable power generation performance.



LID Resistance

N-type modules have higher reliability and lower LID/LETID.



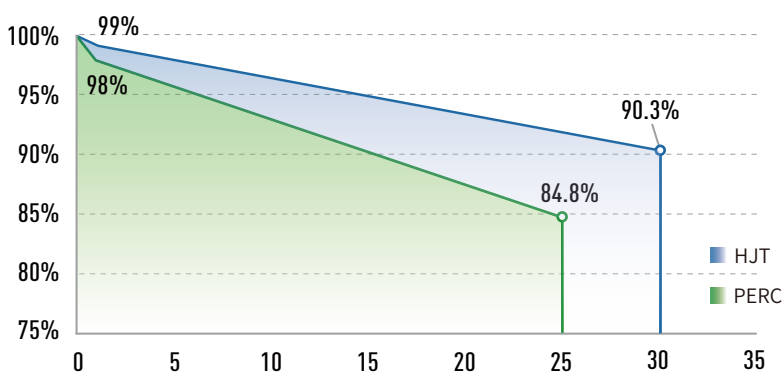
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ISO14001:2015: ISO Environment Management System

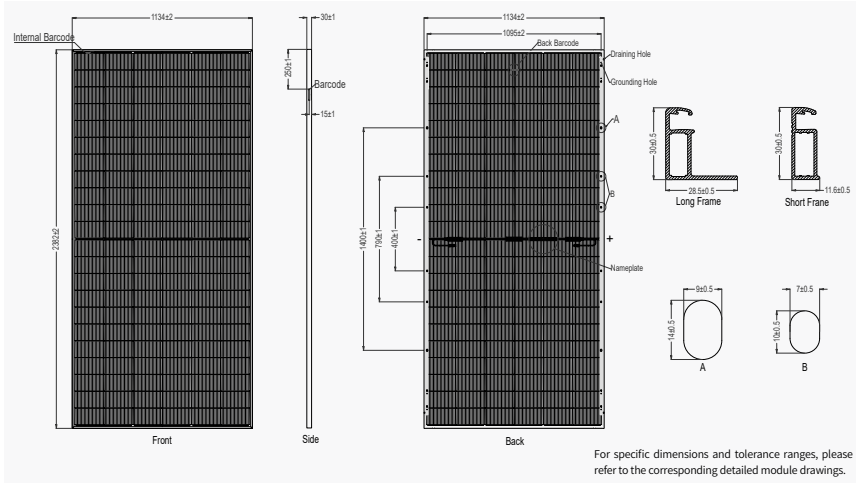
ISO45001:2018: Occupational Health and Safety Management Systems



Less than **1%** degradation in the 1st year

30 years power warranty

0.3% linear degradation



Mechanical Characteristics	
Cell Type	HJT Mono-crystalline
No. of Cells	132 (6×22)
Dimensions	2382×1134×30mm
Weight	31.8kg
Front Glass	2.0mm Anti-reflection Coating
Back Glass	2.0mm Heat Strengthened Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated
Output Cables	4mm ² (+)-350mm, (-)250mm; or Customized Length
Connectors Type	MC4/MC4 Compatible
Front Load	5400 Pa
Back Load	2400 Pa

Electrical Characteristics (STC)					
Module Types	SEHN210R-132D-620CS	SEHN210R-132D-625CS	SEHN210R-132D-630CS	SEHN210R-132D-635CS	SEHN210R-132D-640CS
Max. Power(Pmax)[W]	620	625	630	635	640
Open Circuit Voltage(Voc)[V]	49.76	49.86	49.96	50.06	50.16
Short Circuit Current(Isc)[A]	15.19	15.26	15.33	15.40	15.47
Max. Power Voltage(Vmp)[V]	43.17	43.27	43.37	43.47	43.57
Max. Power Current(Imp)[A]	14.44	14.51	14.58	14.65	14.72
Module Efficiency(%)	22.95	23.14	23.32	23.51	23.69
Power Tolerance	0 ~ +5W				
Bifaciality Coefficients	$\phi_{Pmax}=90\% \pm 5\%$ $\phi_{Voc}=99\% \pm 5\%$ $\phi_{Isc}=90\% \pm 5\%$				
STC (Standard Test Conditions): Irradiance 1000W/m ² , Cell temperature 25°C, AM 1.5, Tolerance of Pmax is within +/-3%					

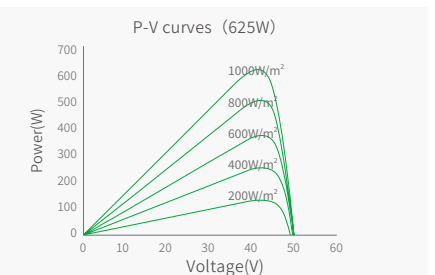
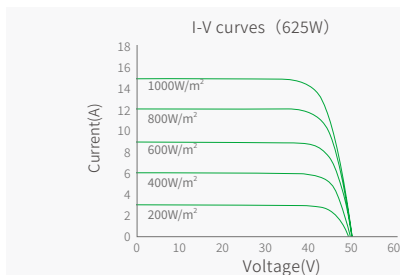
Electrical Characteristics (BNPI)					
Max. Power(Pmax)[W]	695	700	705	710	715
Open Circuit Voltage(Voc)[V]	49.76	49.86	49.96	50.06	50.16
Short Circuit Current(Isc)[A]	17.03	17.11	17.19	17.27	17.34
Max. Power Voltage(Vmp)[V]	43.17	43.27	43.37	43.47	43.57
Max. Power Current(Imp)[A]	16.19	16.27	16.35	16.43	16.51
BNPI (Bifacial Nameplate Irradiance): Irradiance: front 1000W/m ² , rear 135W/m ² , Cell temperature 25°C, AM1.5, Tolerance of Pmax is within +/-3%					

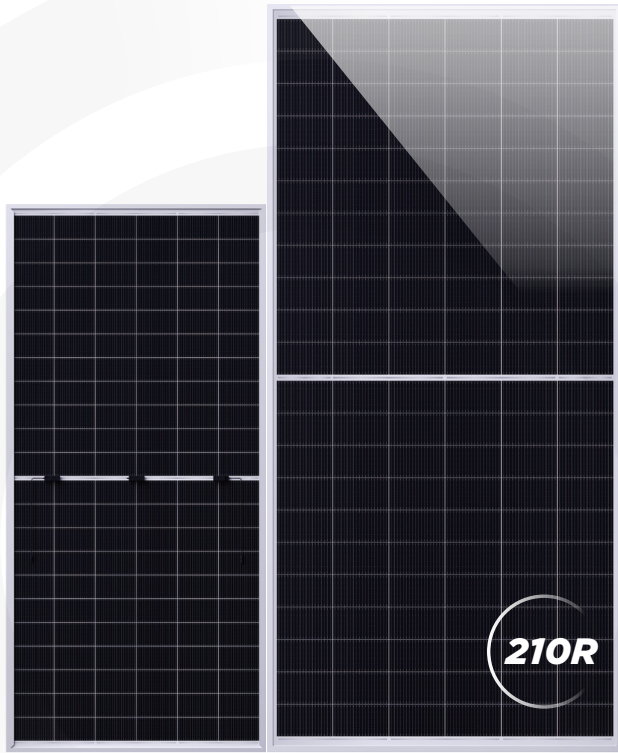
Packaging Configuration			
	Flat car	Flat car	Container
Size	13m	17.5m	40HC
Pallets Per	20	24	20
Modules Per Pallet (pcs)	36	36	36
Total Modules (pcs)	720	864	720

Application Conditions	
Operating Temperature	-40°C ~ 85°C
Maximum System Voltage	1500V
Maximum Series Fuse Rating	30A

Safety & Warranty	
Safety Class	Class II
Product Warranty	15 yrs Workmanship
Power Warranty	30 yrs Linear Warranty

Temperature Coefficients	
Nominal Operating Cell Temp. (NOCT)	44 ± 2°C
Temperature Coefficient of Pmax δ (%/°C)	-0.24
Temperature Coefficient of Voc β (%/°C)	-0.22
Temperature Coefficient of Isc α (%/°C)	0.04





Creator 1.0

630-650W

132-HJT BIFACIAL MODULE WITH DUAL GLASS



15 Years Product Warranty



30 Years Linear Power Warranty



0BB Technology

Lower light obstruction, higher conductivity.



High Reliability

Industry-leading product and performance warranty, ensuring modules' consistent outstanding performance.



PID Resistance

Double-sided TCO layer with natural anti-PID properties.



>90% Bifaciality

By virtue of the cell's natural bifacial structure, bifacial modules can generate power from both sides, which brings more energy yield.



Low Temperature Coefficients

Excellent temperature coefficients, and more stable power generation performance.



LID Resistance

N-type modules have higher reliability and lower LID/LETID.



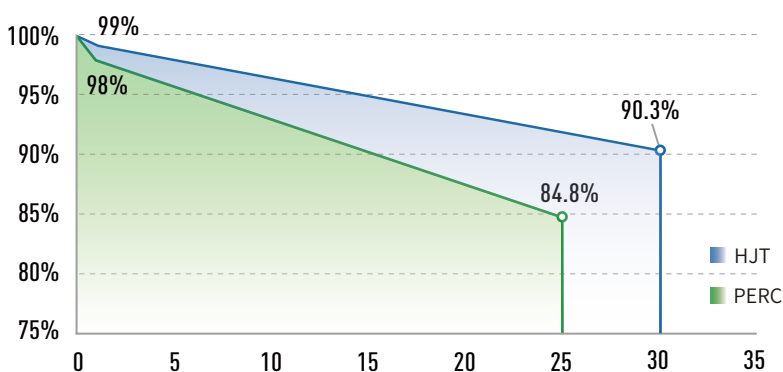
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ISO9001:2015: ISO Quality Management System

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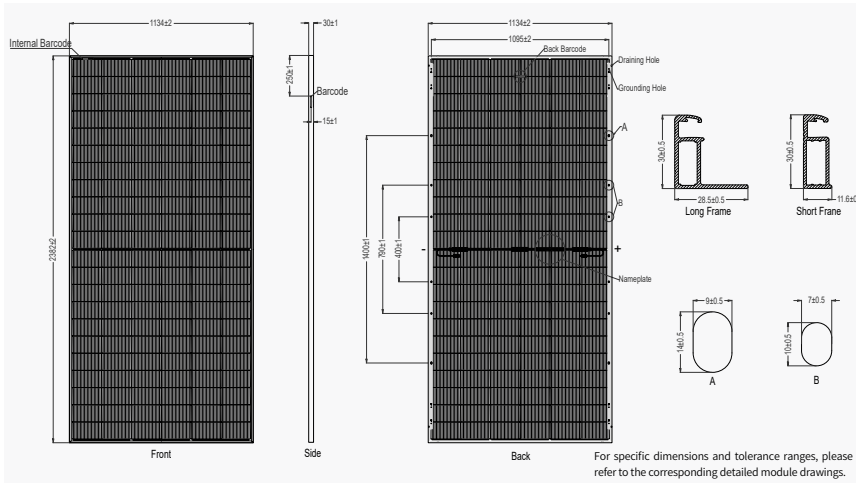
ISO45001:2018: Occupational Health and Safety Management Systems



Less than **1%** degradation in the 1st year

30 years power warranty

0.3% linear degradation



Mechanical Characteristics

Cell Type	HJT Mono-crystalline
No. of Cells	132 (6×22)
Dimensions	2382×1134×30mm
Weight	31.8kg
Front Glass	2.0mm Anti-reflection Coating
Back Glass	2.0mm Heat Strengthened Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated
Output Cables	4mm ² (+350mm,(-)250mm; or Customized Length
Connectors Type	MC4/MC4 Compatible
Front Load	5400 Pa
Back Load	2400 Pa

Electrical Characteristics (STC)

Module Types	SEHN210R-132D-630CS	SEHN210R-132D-635CS	SEHN210R-132D-640CS	SEHN210R-132D-645CS	SEHN210R-132D-650CS
Max. Power(Pmax)[W]	630	635	640	645	650
Open Circuit Voltage(Voc)[V]	49.96	50.06	50.16	50.26	50.36
Short Circuit Current(Isc)[A]	15.33	15.40	15.47	15.54	15.61
Max. Power Voltage(Vmp)[V]	43.37	43.47	43.57	43.67	43.77
Max. Power Current(Imp)[A]	14.58	14.65	14.72	14.79	14.86
Module Efficiency(%)	23.32	23.51	23.69	23.88	24.06
Power Tolerance	0 ~ +5W				
Bifaciality Coefficients	$\phi P_{max}=90\% \pm 5\%$ $\phi Voc=99\% \pm 5\%$ $\phi Isc=90\% \pm 5\%$				
STC (Standard Test Conditions): Irradiance 1000W/m ² , Cell temperature 25°C, AM 1.5, Tolerance of Pmax is within +/-3%					

Electrical Characteristics (BNPI)

Max. Power(Pmax)[W]	705	710	715	720	725
Open Circuit Voltage(Voc)[V]	49.96	50.06	50.16	50.26	50.36
Short Circuit Current(Isc)[A]	17.19	17.27	17.34	17.42	17.50
Max. Power Voltage(Vmp)[V]	43.37	43.47	43.57	43.67	43.77
Max. Power Current(Imp)[A]	16.35	16.43	16.51	16.59	16.67
BNPI (Bifacial Nameplate Irradiance): Irradiance: front 1000W/m ² , rear 135W/m ² , Cell temperature 25°C, AM1.5, Tolerance of Pmax is within +/-3%					

Packaging Configuration

	Flat car	Flat car	Container
Size	13m	17.5m	40HC
Pallets Per	20	24	20
Modules Per Pallet (pcs)	36	36	36
Total Modules (pcs)	720	864	720

Application Conditions

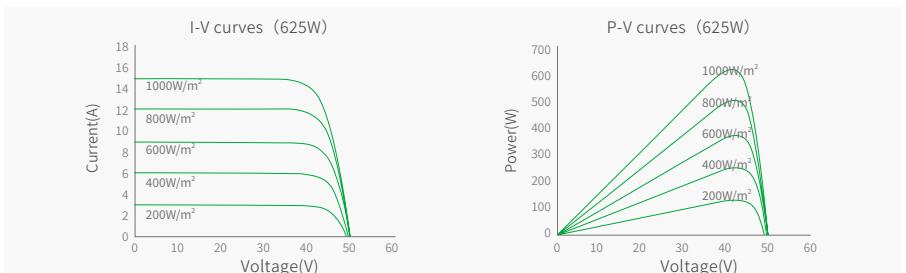
Operating Temperature	-40°C~ 85°C
Maximum System Voltage	1500V
Maximum Series Fuse Rating	30A

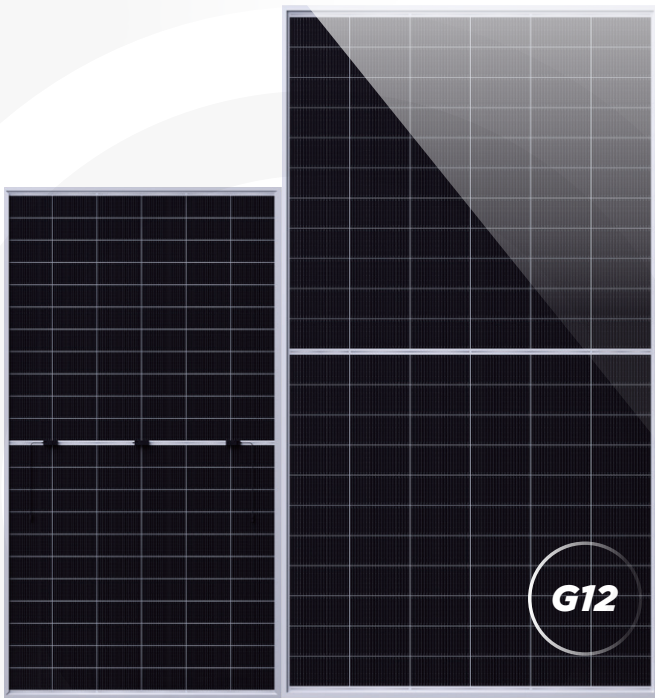
Safety & Warranty

Safety Class	Class II
Product Warranty	15 yrs Workmanship
Power Warranty	30 yrs Linear Warranty

Temperature Coefficients

Nominal Operating Cell Temp. (NOCT)	44 ± 2°C
Temperature Coefficient of Pmax δ (%/°C)	-0.24
Temperature Coefficient of Voc β (%/°C)	-0.22
Temperature Coefficient of Isc α (%/°C)	0.04





Creator 1.0

710-730W

132-HJT BIFACIAL MODULE WITH DUAL GLASS



15 Years Product Warranty



30 Years Linear Power Warranty



Half-Cut Technology

Shorter current transmission distance, less resistive loss, and higher cell efficiency.



High Reliability

Industry-leading product and performance warranty, ensuring modules' consistent outstanding performance.



PID Resistance

Double-sided TCO layer with natural anti-PID properties.



>90% Bifaciality

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Low Temperature Coefficients

Excellent temperature coefficients, and more stable power generation performance.



LID Resistance

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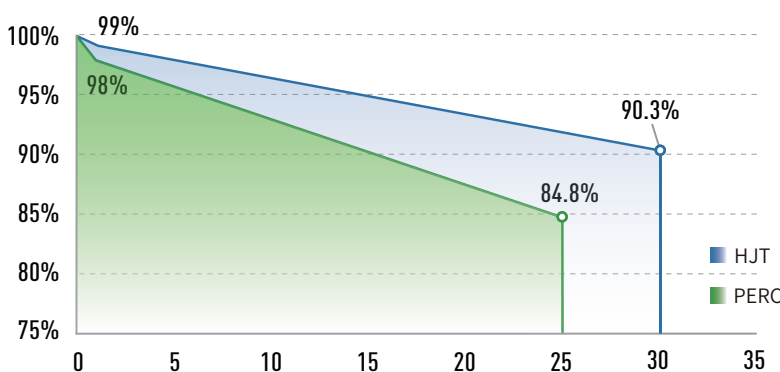
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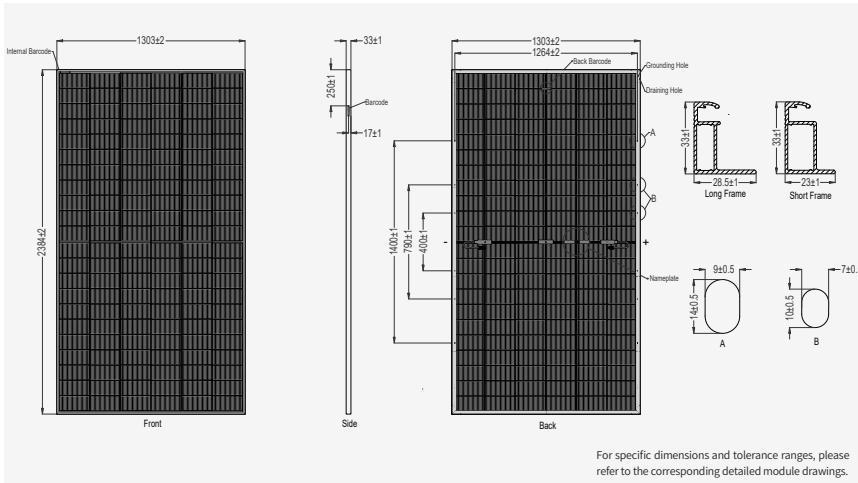
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Less than **1%** degradation in the 1st year

30 years power warranty

0.3% linear degradation



Mechanical Characteristics	
Cell Type	HJT Mono-crystalline
No. of Cells	132 (6×22)
Dimensions	2384×1303×33mm
Weight	38kg
Front Glass	2.0mm Anti-reflection Coating
Back Glass	2.0mm Heat Strengthened Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated
Output Cables	4mm ² (+)350mm,(-)250mm; or Customized Length
Connectors Type	MC4/MC4 Compatible
Front Load	5400 Pa
Back Load	2400 Pa

Electrical Characteristics (STC)					
Module Types	SEHS210X-132D-710CS	SEHS210X-132D-715CS	SEHS210X-132D-720CS	SEHS210X-132D-725CS	SEHS210X-132D-730CS
Max. Power(Pmax)[W]	710	715	720	725	730
Open Circuit Voltage(Voc)[V]	49.86	49.93	50.00	50.07	50.14
Short Circuit Current(Isc)[A]	17.72	17.82	17.92	18.02	18.12
Max. Power Voltage(Vmp)[V]	42.40	42.45	42.50	42.55	42.60
Max. Power Current(Imp)[A]	16.81	16.91	17.01	17.11	17.21
Module Efficiency(%)	22.86	23.02	23.18	23.34	23.50
Power Tolerance	0 ~ +5W				
Bifaciality Coefficients	$\phi P_{max}=90\% \pm 5\%$ $\phi V_{oc}=99\% \pm 5\%$ $\phi I_{sc}=90\% \pm 5\%$				
STC (Standard Test Conditions): Irradiance 1000W/m ² , Cell temperature 25°C, AM 1.5, Tolerance of Pmax is within +/-3%					

Electrical Characteristics (BNPI)					
Max. Power(Pmax)[W]	795	800	805	810	815
Open Circuit Voltage(Voc)[V]	49.86	49.93	50.00	50.07	50.14
Short Circuit Current(Isc)[A]	19.87	19.96	20.07	20.16	20.25
Max. Power Voltage(Vmp)[V]	42.40	42.45	42.50	42.55	42.60
Max. Power Current(Imp)[A]	18.85	18.94	19.05	19.14	19.23
BNPI (Bifacial Nameplate Irradiance): Irradiance: front 1000W/m ² , rear 135W/m ² , Cell temperature 25°C, AM1.5, Tolerance of Pmax is within +/-3%					

Packaging Configuration			
	Flat car	Flat car	Container
Size	13m	17.5m	40HC
Pallets Per	20	22	18
Modules Per Pallet (pcs)	33	36	33
Total Modules (pcs)	660	726	594

Application Conditions	
Operating Temperature	-40°C~ 85°C
Maximum System Voltage	1500V
Maximum Series Fuse Rating	35A

Safety & Warranty	
Safety Class	Class II
Product Warranty	15 yrs Workmanship
Power Warranty	30 yrs Linear Warranty

Temperature Coefficients	
Nominal Operating Cell Temp. (NOCT)	44±2°C
Temperature Coefficient of Pmax δ (%/°C)	-0.24
Temperature Coefficient of Voc β (%/°C)	-0.22
Temperature Coefficient of Isc α (%/°C)	0.04

