

REESUN132H-210M Mono Crystal Single-Glass 640-665W

**High Efficiency
Low LID Mono PERC with
Half-cut Technology**

Better anti-PID performance

Guaranteed power tolerance(0~+5W)

High module conversion efficiency(up to 21.41%)

Lower current

higher power generation

Lower risk of hot spot

Low LID Mono PERC technology: first year < 2.0%, 0.55% year 2-25

Comprehensive System and Product Certifications

IEC 61215, IEC 61730

ISO 9001:2015: ISO Quality Management System

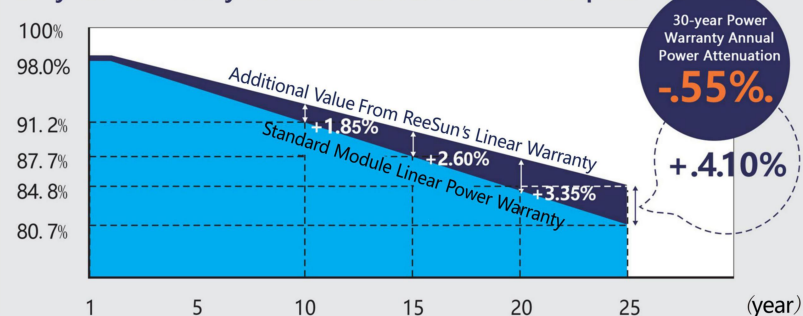
ISO 14001:2015: ISO Environmental Management System

ISO 45001:2018 Occupational Health and Safety

* Specifications subject to technical changes and tests.

ReeSun solar reserves the right of interpretation.

**12-year Warranty for Materials and Processing;
25-year Warranty for Extra Linear Power Output.**



JIANGSU REESUN SOLAR CO.,LTD.

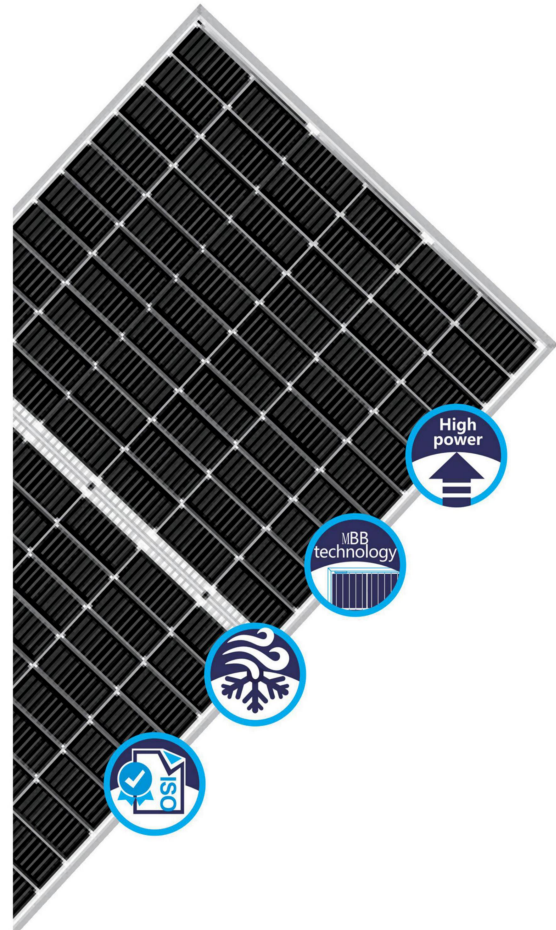
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Jiangsu ReeSun Solar Co., Ltd. is a high-tech PV enterprise dedicated to research , development , production , sales & after sales service , mainly engaged in crystalline silicon solar cells, solar modules, photovoltaic systems PV applications. Our products specifications are compatible with 158-210 size cells adopting German TUV quality control standards, and realizing the whole process quality traceability from auxiliary materials to finished products.



REESUN132H-210M

640-665W

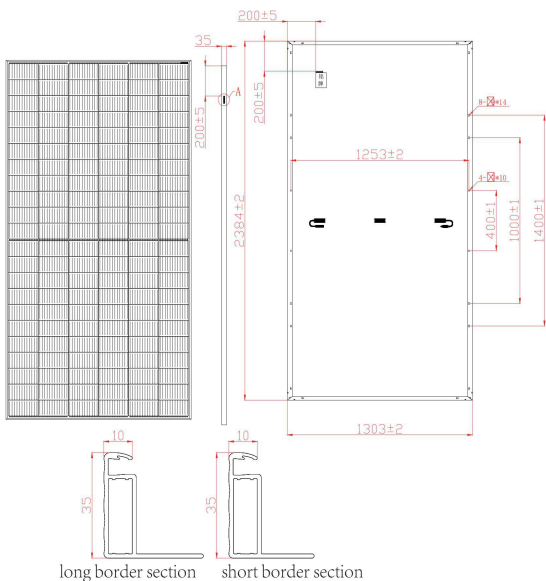
Electrical Characteristics

Test uncertainty for Pmax: ±3%

Model Number	640W		645W		650W		655W		660W		665W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing Condition												
Maximum Power (Pmax/W)	640	485	645	488	650	492	655	496	660	500	665	504
Voltage at Maximum Power (Vmp/V)	37.0	34.6	37.2	34.8	37.4	34.9	37.6	35.1	37.8	35.3	38.0	35.5
Current at Maximum Power (Imp/A)	17.30	14.01	17.35	14.05	17.39	14.09	17.43	14.13	17.47	14.17	17.51	14.21
Open Circuit Voltage (Voc/V)	44.9	42.3	45.1	42.5	45.3	42.7	45.5	42.9	45.7	43.0	45.9	43.1
Short Circuit Current (Isc/A)	18.35	14.78	18.39	14.82	18.44	14.86	18.48	14.89	18.53	14.93	18.57	14.96
Module Efficiency (%)	20.60		20.76		20.92		21.09		21.25		21.41	

STC (Standard Testing Conditions): Irradiance 1000W/m² Cell Temperature 25°C, AM1.5
 NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/S

Design(mm)



Mechanical & Operating parameters

Cell Orientation	132 (6×22)
Junction Box	IP68, three diodes
Output Cable	4mm ² , 300mm in length, length can be customized
Glass	Single glass 3.2mm coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	33.9kg±3%
Dimension	2384×1303×35mm
Packaging	31pcs/pallet 558pcs/40'HC
Operational Temperature	-40°C ~ +85°C
Power Output Tolerance	0~+5 W
Voc and Isc Tolerance	±4%/±3%
Maximum System Voltage	DC1500V (IEC/UL)
Maximum Series Fuse Rating	30A
Nominal Operating Cell Temperature	45±2°C
Safety Class	Class II
Fire Rating	Class C

Temperature Ratings(STC)

Temperature Coefficient of Isc	+0.048%/°C
Temperature Coefficient of Voc	-0.270%/°C
Temperature Coefficient of Pmax	-0.350%/°C

Mechanical Loading

Front Side Maximum Static Loading	5400Pa
Rear Side Maximum Static Loading	2400Pa
Hailstone Test	25mm Hailstone at the speed of 23m/s

I-V 曲线 (REESUN132H-210M-655W)

