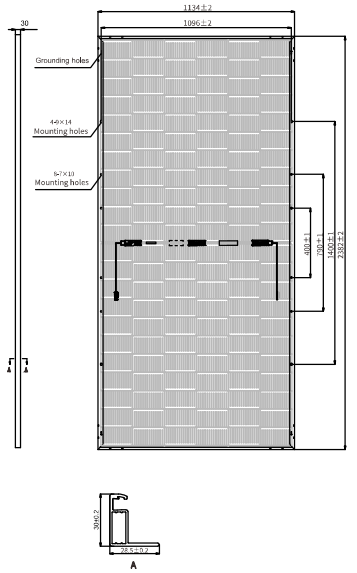
Made in China/Malaysia

Dimensions of PV Module Unit: mm



ELECTRICAL DATA (STC)

Model Type	RSM132-11-610BNDG	RSM132-11-615BNDG	RSM132-11-620BNDG	RSM132-11-625BNDG	RSM132-11-630BNDG
Rated Power in Watts-Pmax(Wp)	**610**	**615**	**620**	**625**	**630**
Open Circuit Voltage-Voc(V)	48.69	48.89	49.08	49.27	49.46
Short Circuit Current-Isc(A)	15.92	15.98	16.04	16.10	16.16
Maximum Power Voltage-Vmpp(V)	40.46	40.64	40.81	40.98	41.17
Maximum Power Current-Impp(A)	15.08	15.14	15.20	15.26	15.31
Module Efficiency (%) ★	22.6	22.8	23.0	23.1	23.3
Short Circuit Current-Isc-aBSI(A)	19.50	19.58	19.65	19.72	19.80

STC: Irradiance 1000 W/m², Cell Temperature 25°C, Air Mass AM 1.5 according to EN 60904-3
★ Module Efficiency(%): Round-off to the nearest number
Power sorting and binning tolerances:0-5W; Power measurement tolerance:±3%
Short Circuit Current tolerance ±4% Open Circuit Voltage tolerance: ±3%.
15 Years Limited Product Warranty; 30 Years Limited Power Warranty;
Bifacial factor:80±10(%) ★ Module Efficiency (%): Round-off to the nearest number
The first year degradation:1%,annual degradation:0.4%,power retention rate within 30 years:87.4%
φVoc=95%±5%, φIsc=80%±10%, φPmax=80%±10%;

Electrical characteristics with 13.5% rear side power gain

Total Equivalent power -Pmax (Wp)	671	677	682	688	693
Open Circuit Voltage-Voc(V)	48.69	48.89	49.08	49.27	49.46
Short Circuit Current-Isc(A)	17.51	17.58	17.64	17.71	17.78
Maximum Power Voltage-Vmpp(V)	40.46	40.64	40.81	40.98	41.17
Maximum Power Current-Impp(A)	16.59	16.65	16.72	16.79	16.84

Rear side power gain: The additional gain from the rear side compared to the power of the front side at the standard test condition. It depends on mounting (structure, height, tilt angle etc.) and albedo of the ground.

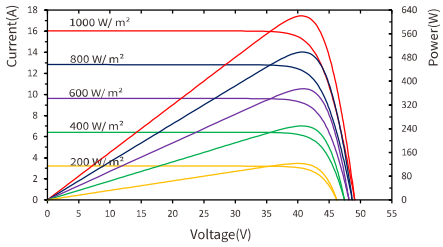
ELECTRICAL DATA (NMOT)

Model Type	RSM132-11-610BNDG	RSM132-11-615BNDG	RSM132-11-620BNDG	RSM132-11-625BNDG	RSM132-11-630BNDG
Maximum Power-Pmax (Wp)	462.0	465.9	469.7	473.5	477.3
Open Circuit Voltage-Voc (V)	45.28	45.47	45.64	45.82	46.00
Short Circuit Current-Isc (A)	13.05	13.10	13.15	13.20	13.25
Maximum Power Voltage-Vmpp (V)	37.55	37.71	37.87	38.03	38.21
Maximum Power Current-Impp (A)	12.31	12.35	12.40	12.45	12.49

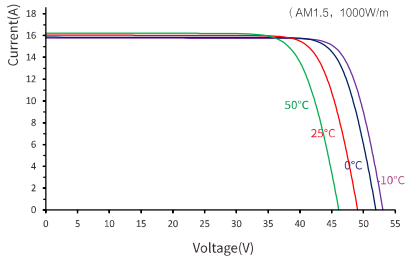
NMOT: Irradiance at 800 W/m², Ambient Temperature 20°C, Wind Speed 1 m/s.

RSM132-11-620BNDG

I-V characteristics at different irradiations



I-V characteristics at different temperatures



MECHANICAL DATA

Solar cells	*n*-type TOPCon
Cell configuration	132 cells (6×11+6×11)
Module dimensions	2382×1134×30mm
Weight	32.5kg
Superstrate	High Transmission, Low Iron, Semi-Tempered ARC Glass
Substrate	Semi-Tempered Glass
Frame	Anodized Aluminium Alloy, Silver Color
J-Box	Potted, IP68, 1500VDC, 3 Schottky by pass diodes
Cables	4.0mm², Positive(+)350mm, Negative(-)230mm (Connector Included)
Connector	Zhejiang Twinsel Electronic Technology Co.,Ltd. PV-SY02, IP68

TEMPERATURE & MAXIMUM RATINGS

Nominal Module Operating Temperature (NMOT)	44°C±2°C
Temperature Coefficient of Voc	-0.25%/°C
Temperature Coefficient of Isc	0.046%/°C
Temperature Coefficient of Pmax	-0.29%/°C
Operational Temperature	-40°C~+85°C
Maximum System Voltage	1500VDC
Fire Class According to UI790	CLASS C
Max Series Fuse Rating	35A
Limiting Reverse Current	35A

PACKAGING CONFIGURATION

	40ft(HQ)	20ft
Number of modules per container	720	144
Number of modules per pallet	36	36
Number of pallets per container	20	4
Packaging box dimensions (LxWxH) in mm	2395×1110×1260	
Box gross weight[kg]	1238	

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No special undertaking or warranty for the suitability of special purpose or being installed in extraordinary surroundings is granted unless as otherwise specifically committed by manufacturer in contract document.

Version: REM132-BNDG-EN-H2-2-2024-AU-CEC