



Polestar
Energy

SKYMAX SERIES

RM - 400W - 182M/108TB

N-TOPCon

Bifacial Monocrystalline Module

MANUFACTURED BY RONMA SOLAR.

1722×1134×35/30

Dimensions (mm)

108 CELL

Dimensions (mm)

1500V DC

Max. system voltage

182×91

Cell size (mm)

400Wp

Power output

20.48%

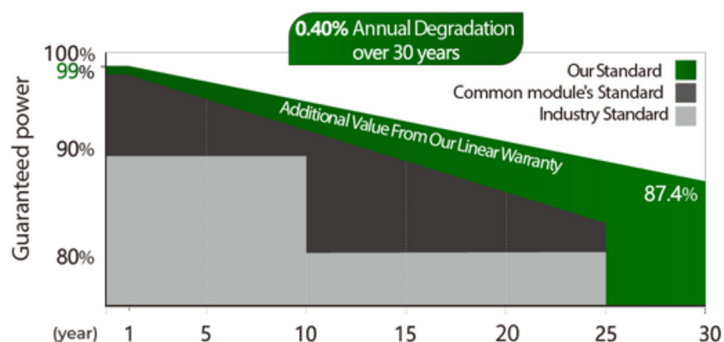
Max. efficiency

Comprehensive Certificates

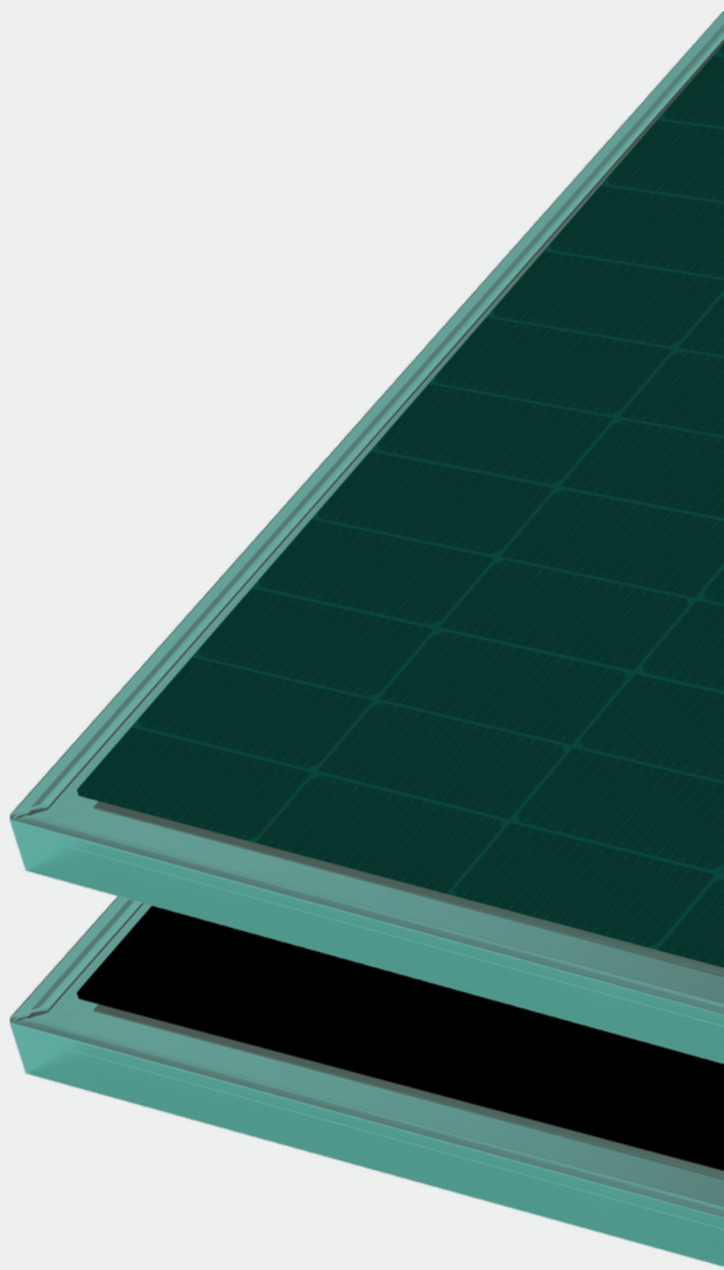
- IEC61215/IEC61730 Standard Quality
- IEC61701/IEC62716 Salt/Mist/Ammonia Tests
- ISO9001: Quality Management System
- ISO14001: Environmental Management System
- ISO14064: Greenhouse Gases Emissions Verification
- OHSAS 18001: Occupational Health and Safety Management System



Linear Performance Warranty



15-year product warranty / 30-year linear power warranty

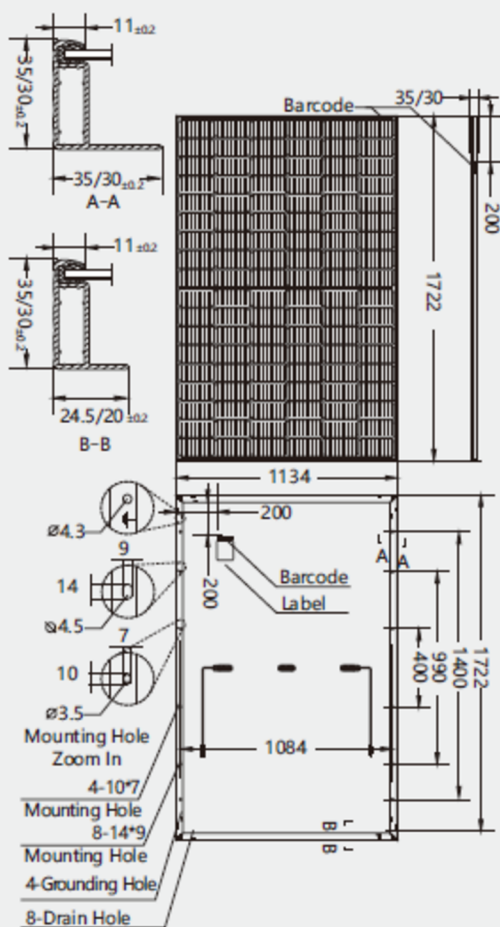


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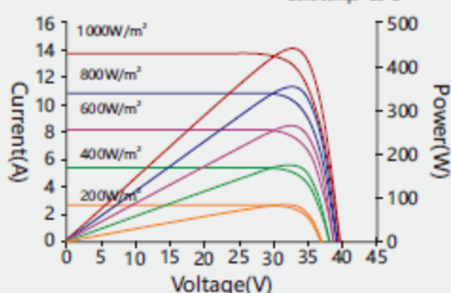
Dimensions of PV Module

Unit: mm



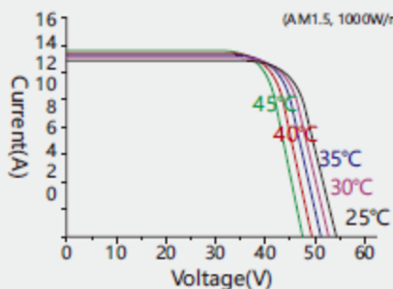
RM-390W-182M/108T
I-V characteristics at different irradiances

Cells temp. = 25°C



I-V characteristics at different temperatures

(AM1.5, 1000W/m²)



ELECTRICAL CHARACTERISTICS (STC*)

Max power(Pmax)	380	385	390	395	400
Max power vltage (Vmp)	34.75	34.93	35.11	35.29	35.47
Max power current (Imp)	11.02	11.12	11.22	11.32	11.42
Open circuit voltage (Voc)	42.01	42.23	42.45	42.67	42.89
Short circuit current (Isc)	11.67	11.78	11.89	12.00	12.11
Module Efficiency (%)	19.46	19.72	19.97	20.23	20.48
Maximum system voltage	1500V DC				
Fuse Rating (A)	25				
Temperature coefficient Pmax	-0.30%/°C				
Temperature coefficient Isc	0.046%/°C				
Temperature coefficient Voc	-0.25%/°C				
*STC: Irradiance 1000W/m², module temperature 25°C, AM=1.5					

MECHANICAL CHARACTERISTICS

Number of cells	108pcs
Size of cell (mm)	182×91
Type of cell	N-TOPCon Mono
Thickness of glass (mm)	2.0
Junction box	IP68, 1500V DC, 3 Diodes
Type of frame	Anodized Aluminum Alloy
Size of module (mm)	1722x1134×35/30
Weight (kg)	21.5
Cables/connectors	4.0mm², MC4 compatible
Length of Cable	+300mm/-200mm (connector inc.)

PACKAGING CONFIGURATION

Height of Modules (mm)	35	30
Number of Modules Per Pallet	31	36
Packaging Box Dimensions (l×w×h) (mm)	1750×1120×1260	1750×1120×1260
Box Gross Weight (kg)	706	802
Number of Modules Per 40ft (HQ) Container	806	936
Number of Pallets Per 40ft (HQ) Container	26	26

Notes: Read safety and installation instructions before using the product. The data provided in this data sheet are subject to change without notice.