

XSM-XXXM-SS(XXX:525~550)

Monocrystal Silicon solar panels



Excellent low light performance



Better mechanical loading tolerance



Well-adapted to harsh environments

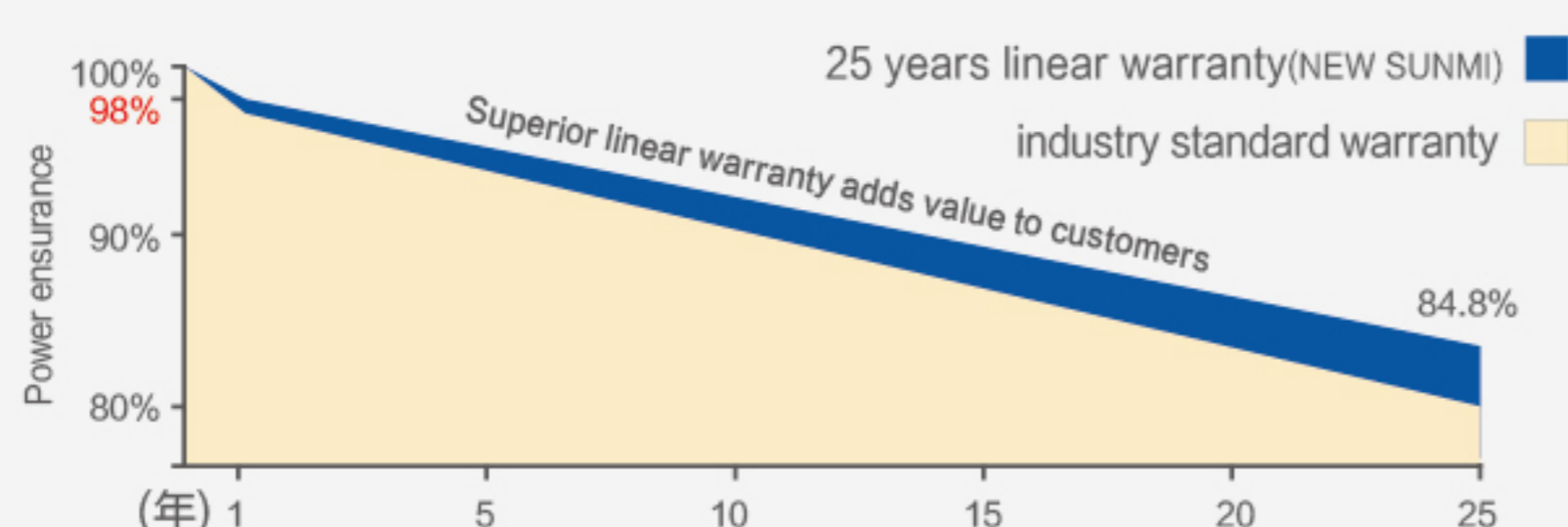


Strong resistance to crack



Excellent fireproof

Leading performance warranty in Industry
12Years product warranty, 25 years linear warranty



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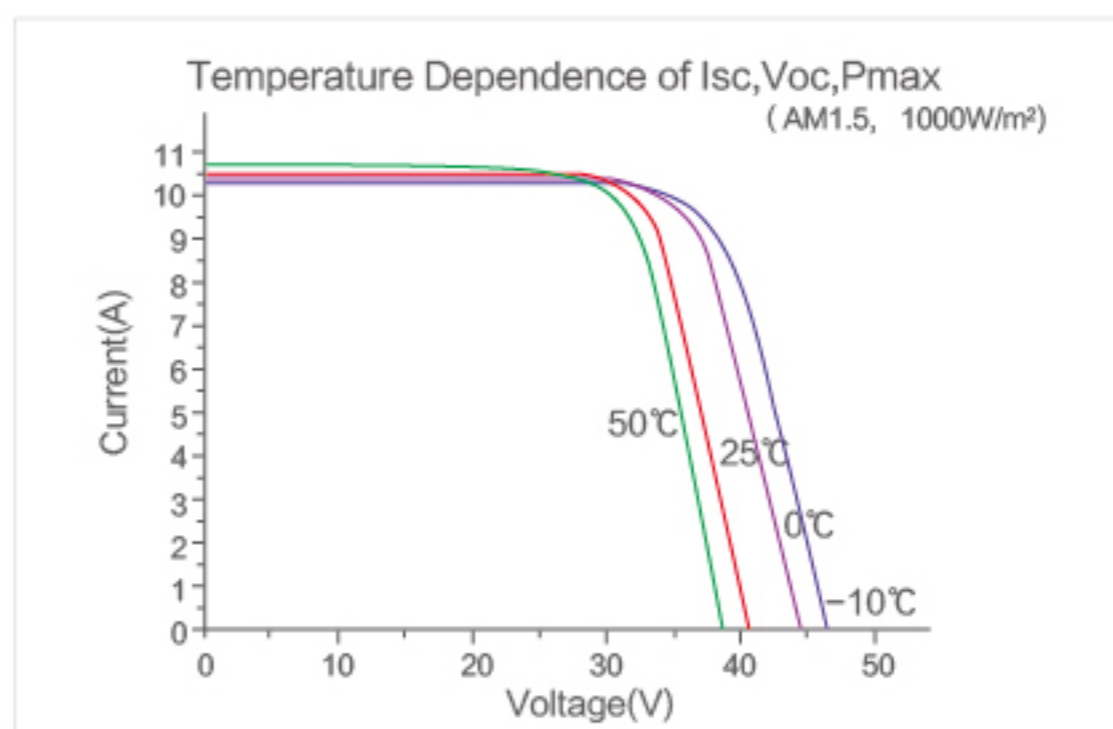
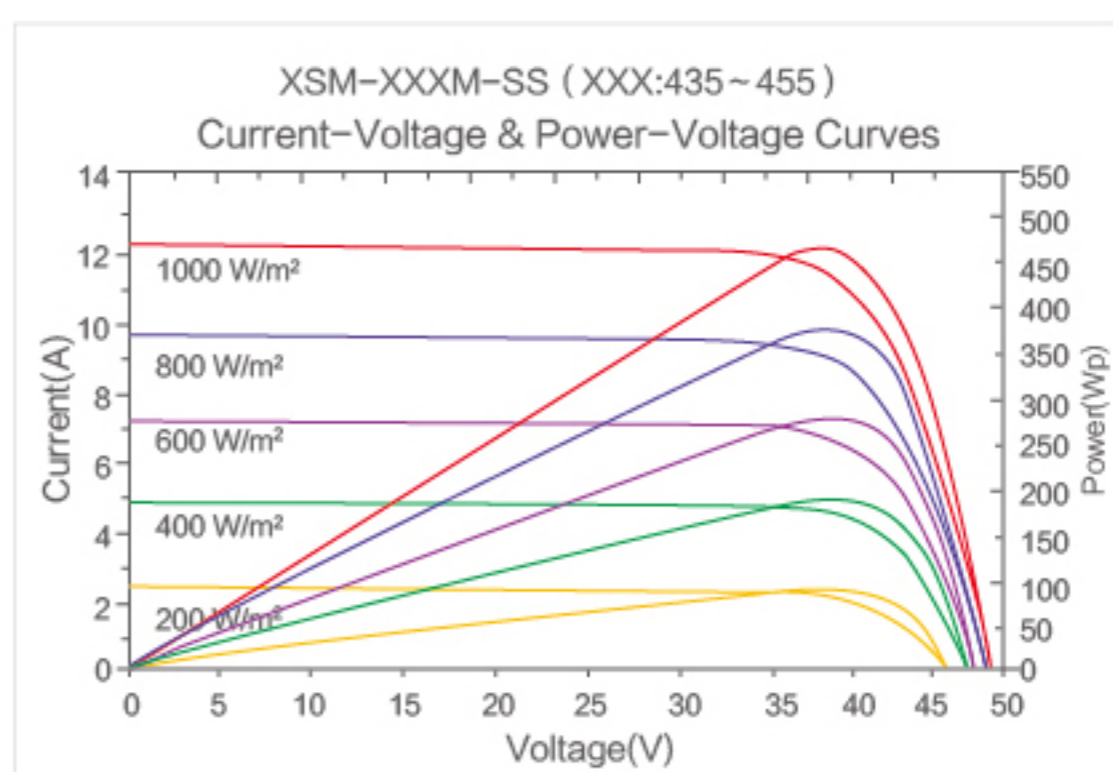
★For specific product warranty terms, please refer to the valid version of warranty document published by Hebei Newsunmi New Energy Co., Ltd

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Electrical Performance

Cell	Mono 182mm × 182mm 9BB
No. of cells	144片 (6 × 12 + 6 × 12)
Dimensions	2279 × 1134 × 35
Weight	28.6kg
Front cover	high transparency, low-iron, tempered glass
Backsheet	White
Frame	Anodized aluminium alloy6063T5, Silver
Junction Box	IP68, 1500VDC, 3bypass diode
Cables	4.0mm ² (12AWG), positive pole(+) 300mm, negative electrode (-) 300mm(including connectors)



Electrical Parameters (STC)

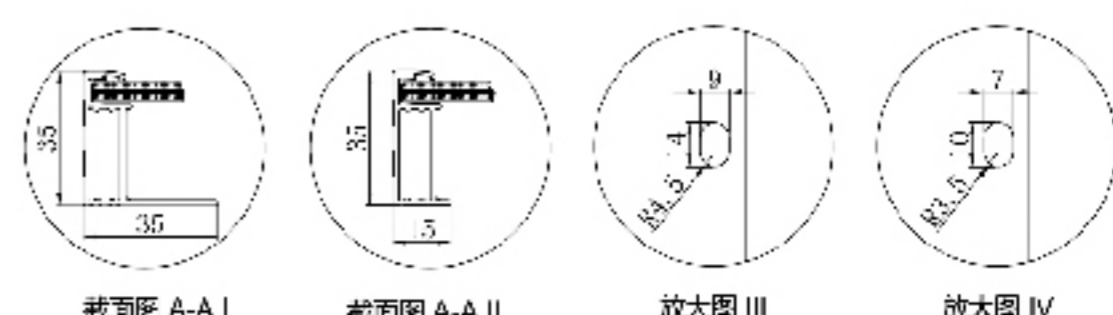
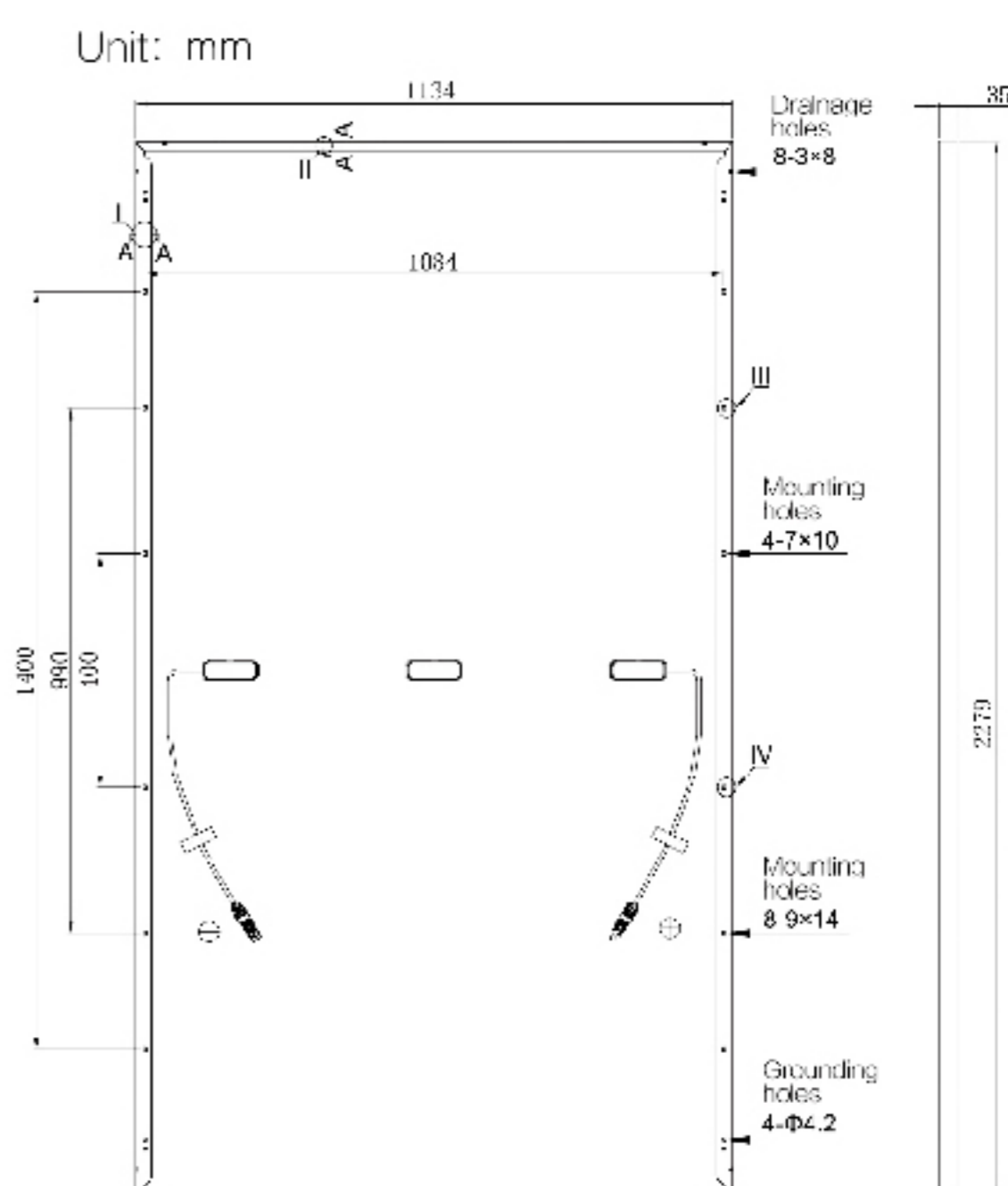
Type	XSM-525W-182 144	XSM-530W-182 144	XSM-535W-182 144	XSM-540W-182 144	XSM-545W-182 144	XSM-550W-182 144
Rated Maximum Power (Pmax)	525	530	535	540	545	550
Open Circuit Voltage (Voc)	49.15	49.30	49.45	49.60	49.75	49.90
Short Circuit Current (Isc)	13.65	13.72	13.79	13.86	13.93	14.00
Maximum Power Voltage (Vmp)	41.15	41.31	41.47	41.64	41.85	41.96
Maximum Power Current (Imp)	10.35	10.39	10.43	10.47	10.51	10.55
Module Efficiency	20.3	20.5	20.7	20.9	21.1	21.3

STC: Irradiance1000W/ , cell temperature25°C, AM1.5
★Module Efficiency η: The values have been rounded off

Packaging specifications

Pcs/carton	30
Packaging box dimensions(L × W × H)	2299 × 1154 × 35
Box weight [kg]	880

Engineering Drawings



Warning: Read the Installation and User Manual in its entirety before handling, installing, and operating Newsunmi solar modules.



Hebei Newsunmi New Energy Co., Ltd

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