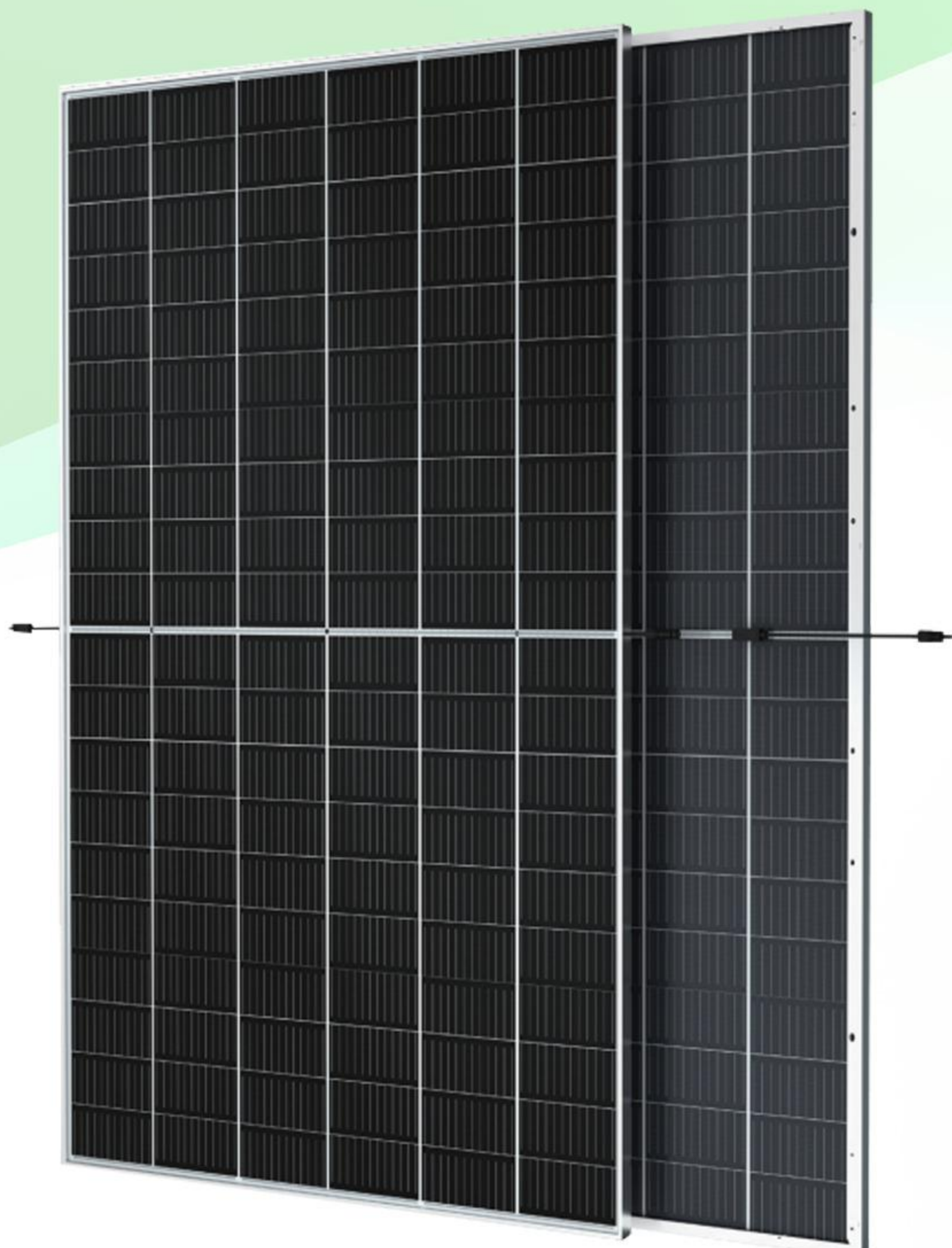


FY -210-120MDG

DOUBLE-SIDED DOUBLE GLASS HETEROJUNCTION ASSEMBLY

585W-605W



605W

Maximum Power Output

21.40%

Maximum Module Efficiency

0~+5W

Power Output Tolerance



SMBB Technology

Better light trapping and current collection to improve module power output and reliability.



Reduced Hot Spot Loss

Optimized electrical design and lower operating current for reduced hot spot loss and better temperature coefficient.



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Enhanced Mechanical Load

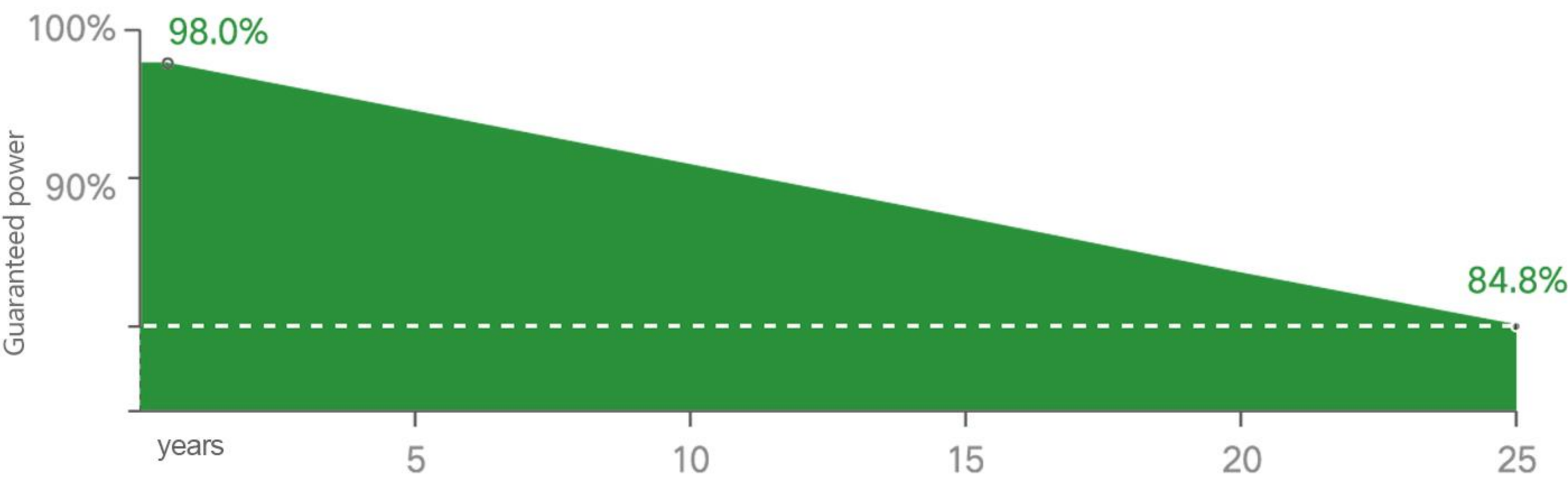
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.

LINEAR PERFORMANCE WARRANTY



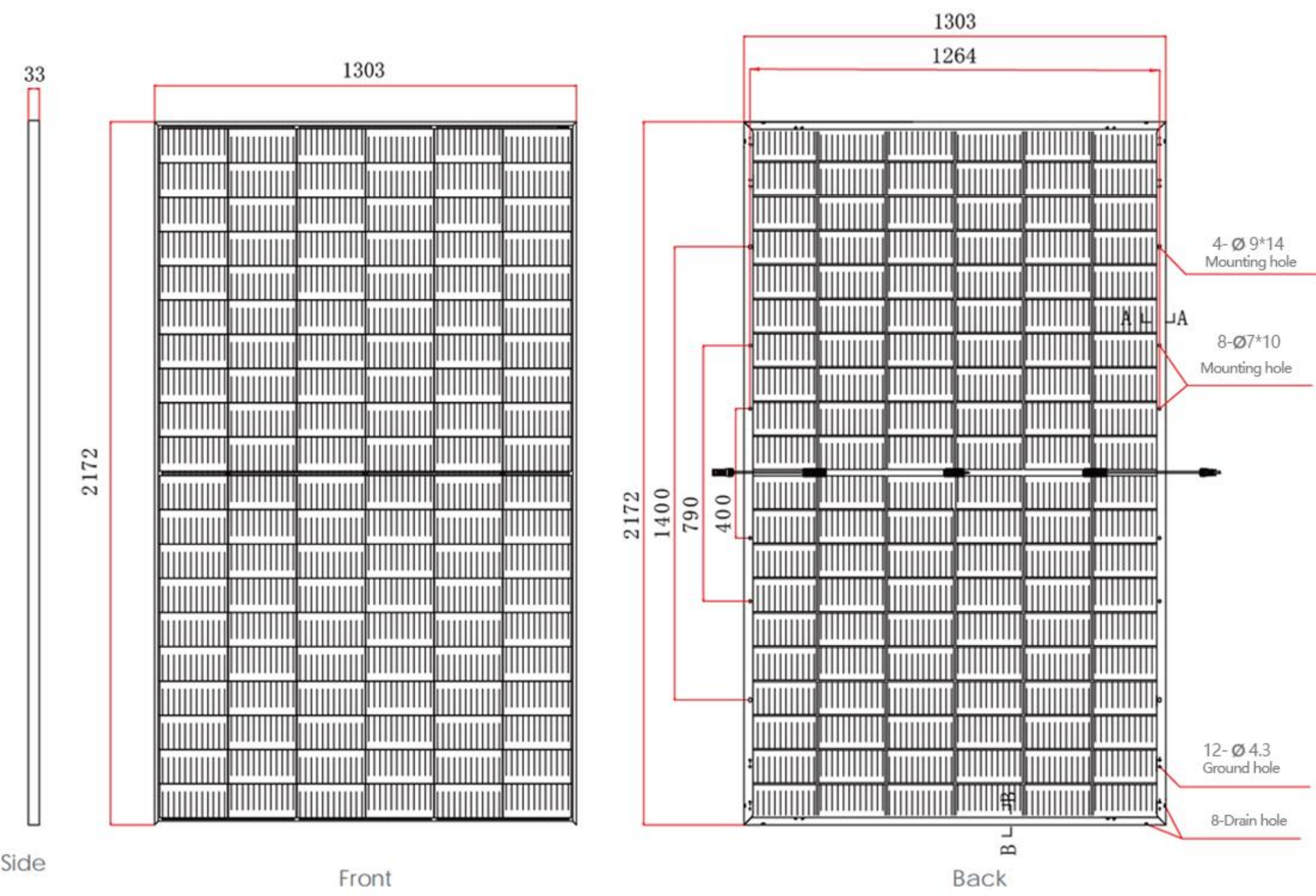
12 Years Product Material & Workmanship

30 Years Linear Performance Warranty

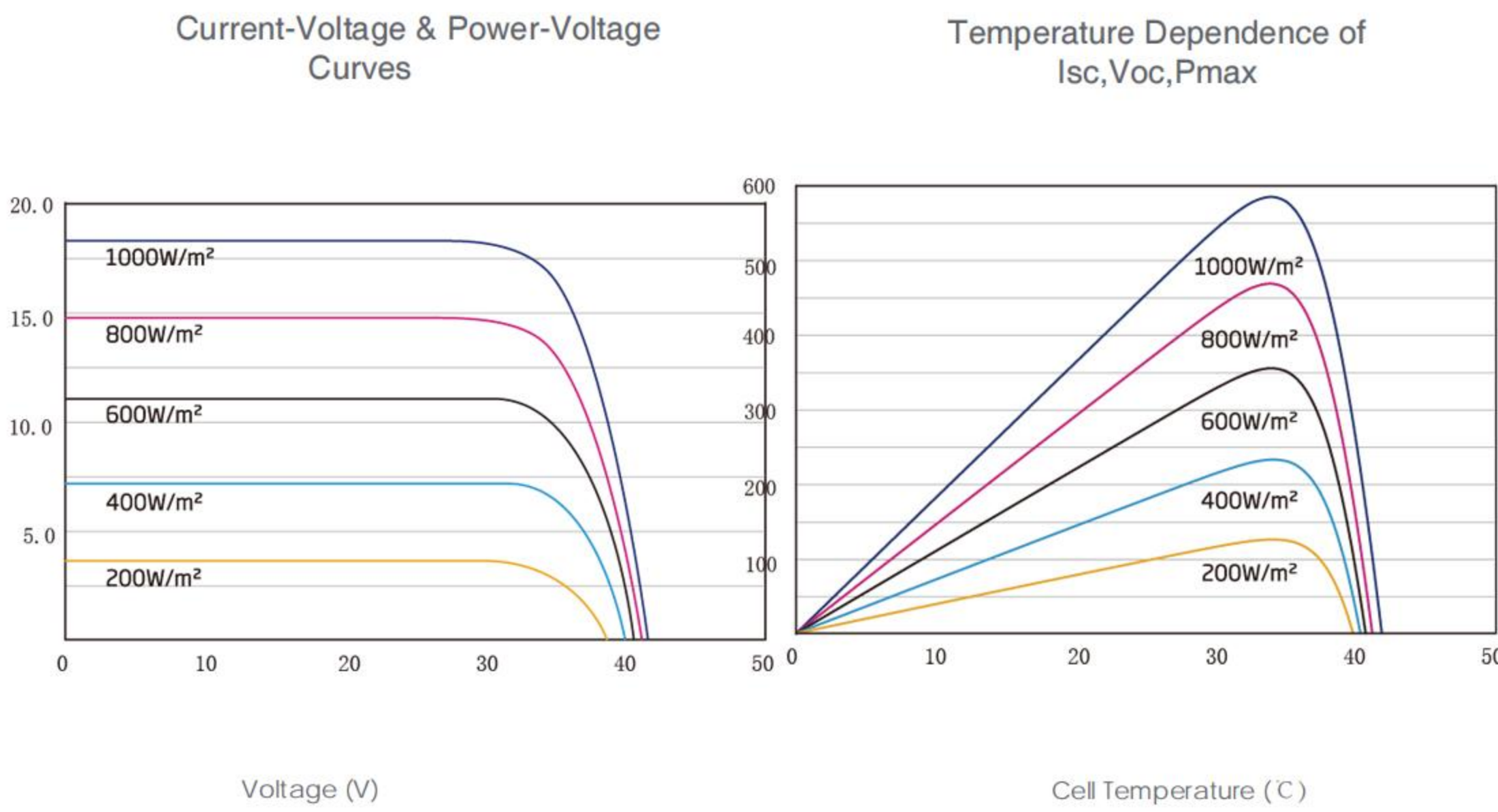
SPECIFICATIONS

Module Type	FY-120-585MDG		FY-120-490MDG		FY-120-595MDG		FY-120-600MDG		FY-120-605MDG	
	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Maximum Power (Pmax)	585Wp	443Wp	590Wp	447Wp	595Wp	451Wp	600Wp	454Wp	605Wp	458Wp
Maximum Power Voltage (Vmp)	34.00V	31.70V	34.20V	31.90V	34.40V	32.00V	39.10V	32.20V	34.80V	32.40V
Maximum Power Current (Imp)	17.21A	13.97A	17.25A	14.01A	17.30A	14.06A	17.34A	14.10A	17.39A	14.14A
Open-circuit Voltage (Voc)	41.10V	38.70V	41.30V	38.90V	41.50V	39.10V	41.70V	39.30V	41.90V	39.50V
Short-circuit Current (Isc)	18.26A	14.72A	18.31A	14.76A	18.36A	39.10A	41.70A	14.84A	18.48A	14.89A
MODULE EFFICIENCY (%)	20.70%		20.80%		21.00%		21.20%		21.40%	
Operating Temperature(°C)	-40°C~+85°C									
Maximum system voltage	1000/150VDC(IEC)									
Maximum series fuse rating	35A									
Power tolerance	0~+5°C									
Temperature coefficients of Pmax	-0.34%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.04%/°C									
Nominal operating cell temperature (NOCT)	43±2°C									

Engineering Drawings



Electrical Performance & Temperature Dependence



Mechanical Characteristics

Cell Type	P type Mono-crystalline
NO.of cells	120cell
Dimensions	2172 x 1303 x 33 mm
Weight	34.9 kg
Output Cables	TUV 1X4.0mm²
Junction Box	IP68Rated

Packaging Configuration

31pcs/pallets, 585pcs/ 40'HQ Container