

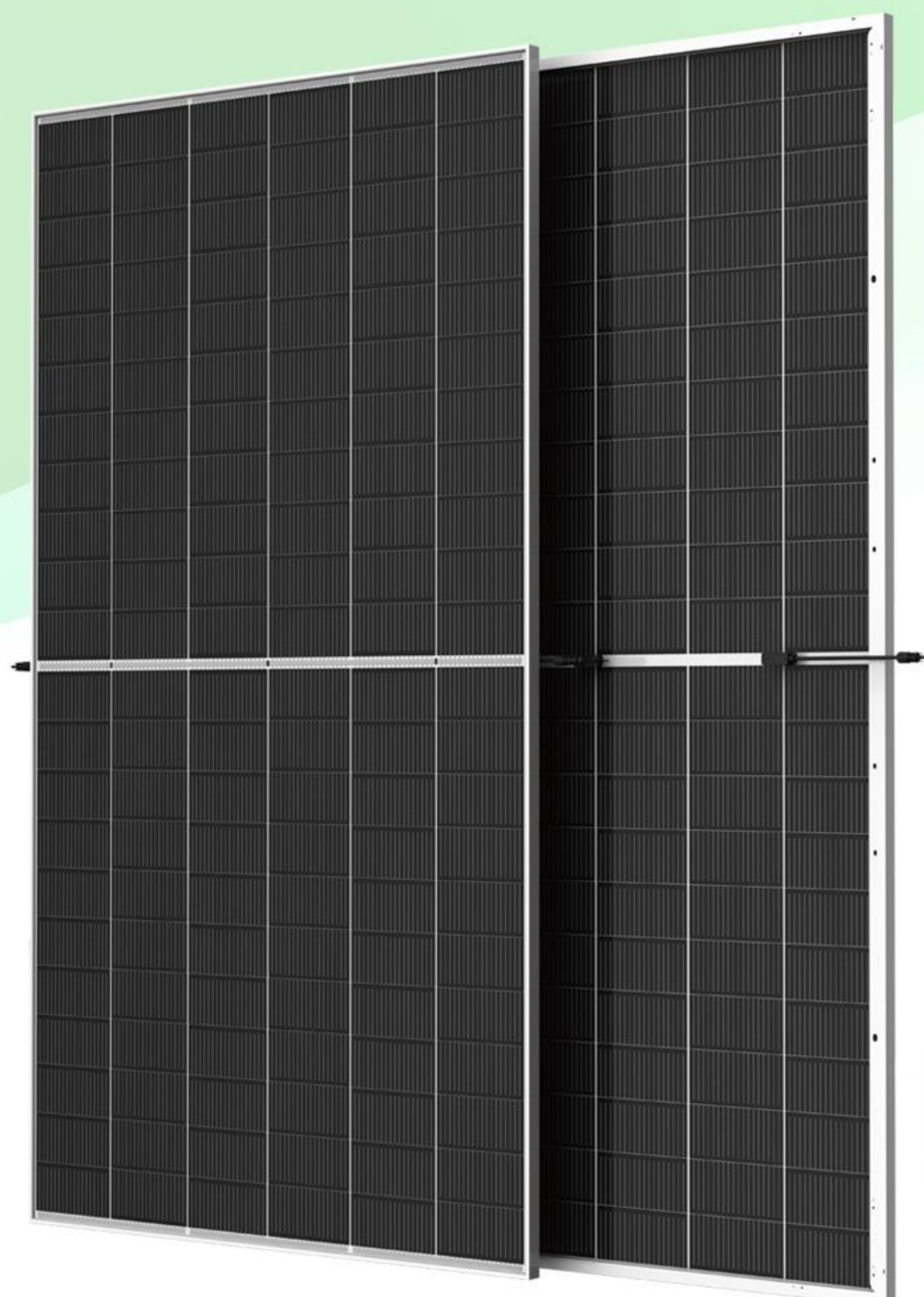


TOPCON TECHNOLOGY

FY -210-132NDG

BIFACIAL MODULE WITH DUAL GLASS

685W-710W



710W

Maximum Power Output

22.90%

Maximum Module Efficiency

0~+5W

Power Output Tolerance



Higher customer value

Ultra-high component power: High series power and low voltage design



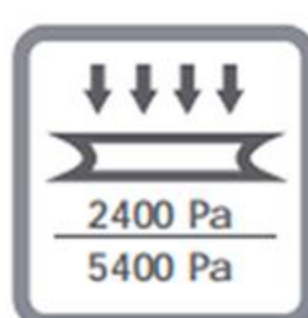
Maximum power increased to 710W

Multi-main gate (MBB) technology is applied to effectively improve the optical utilization and reduce the internal current loss



High reliability

Resistant to harsh environments such as salt spray, ammonia, dust, high temperature and high humidity areas



Enhanced Mechanical Load

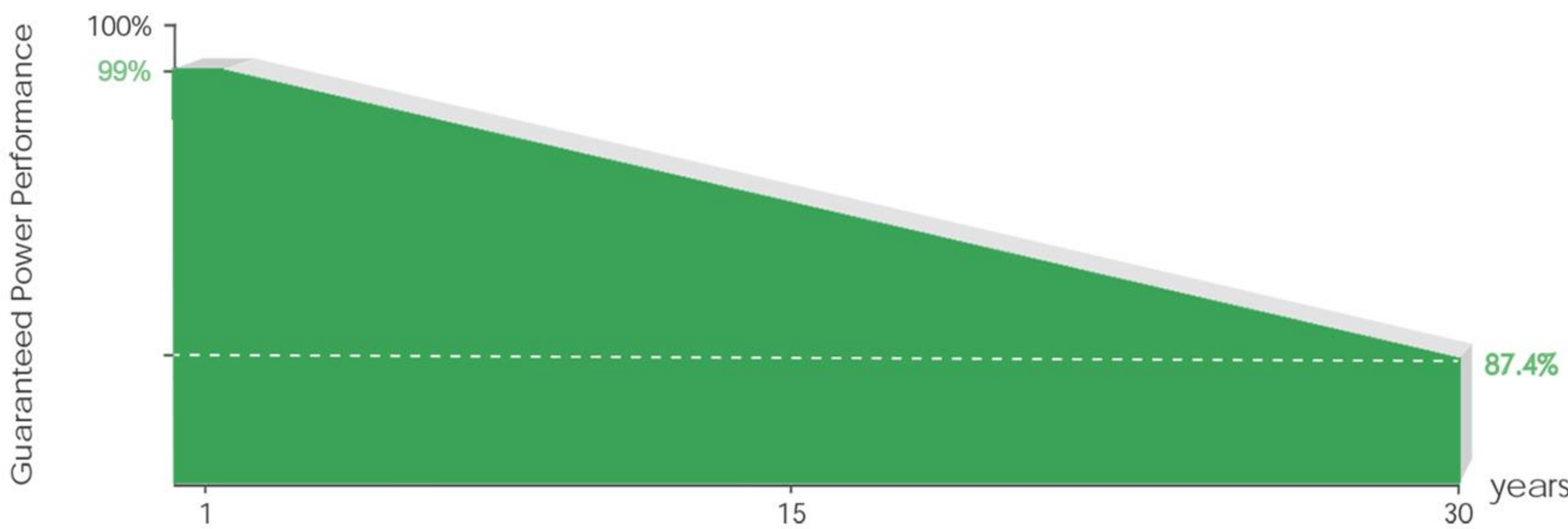
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



High electrical performance

Double side power generation, depending on the installation environment, the back power generation can be increased by up to 30%

LINEAR PERFORMANCE WARRANTY



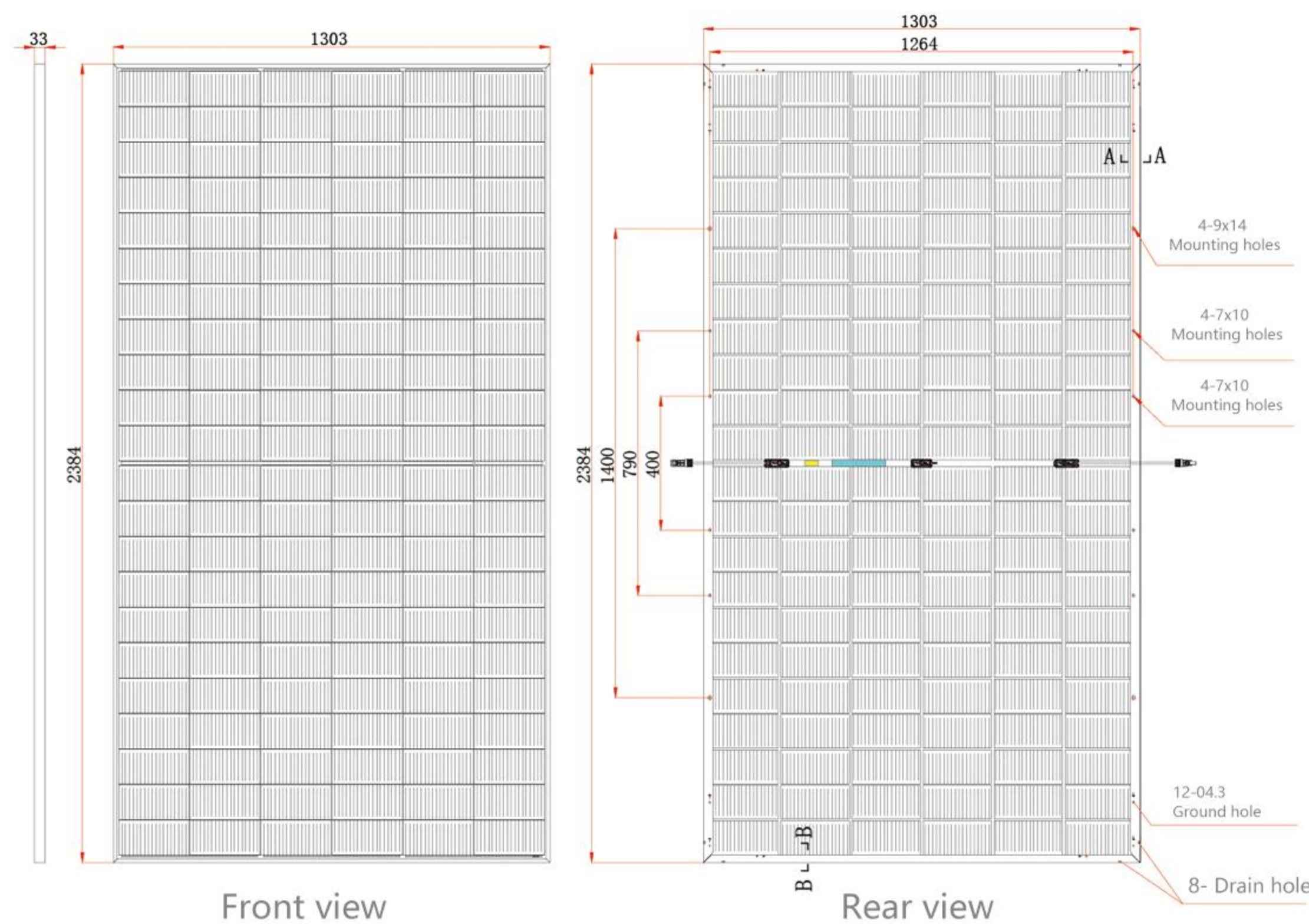
12 Years Product Material & Workmanship

30 Years Linear Performance Warranty

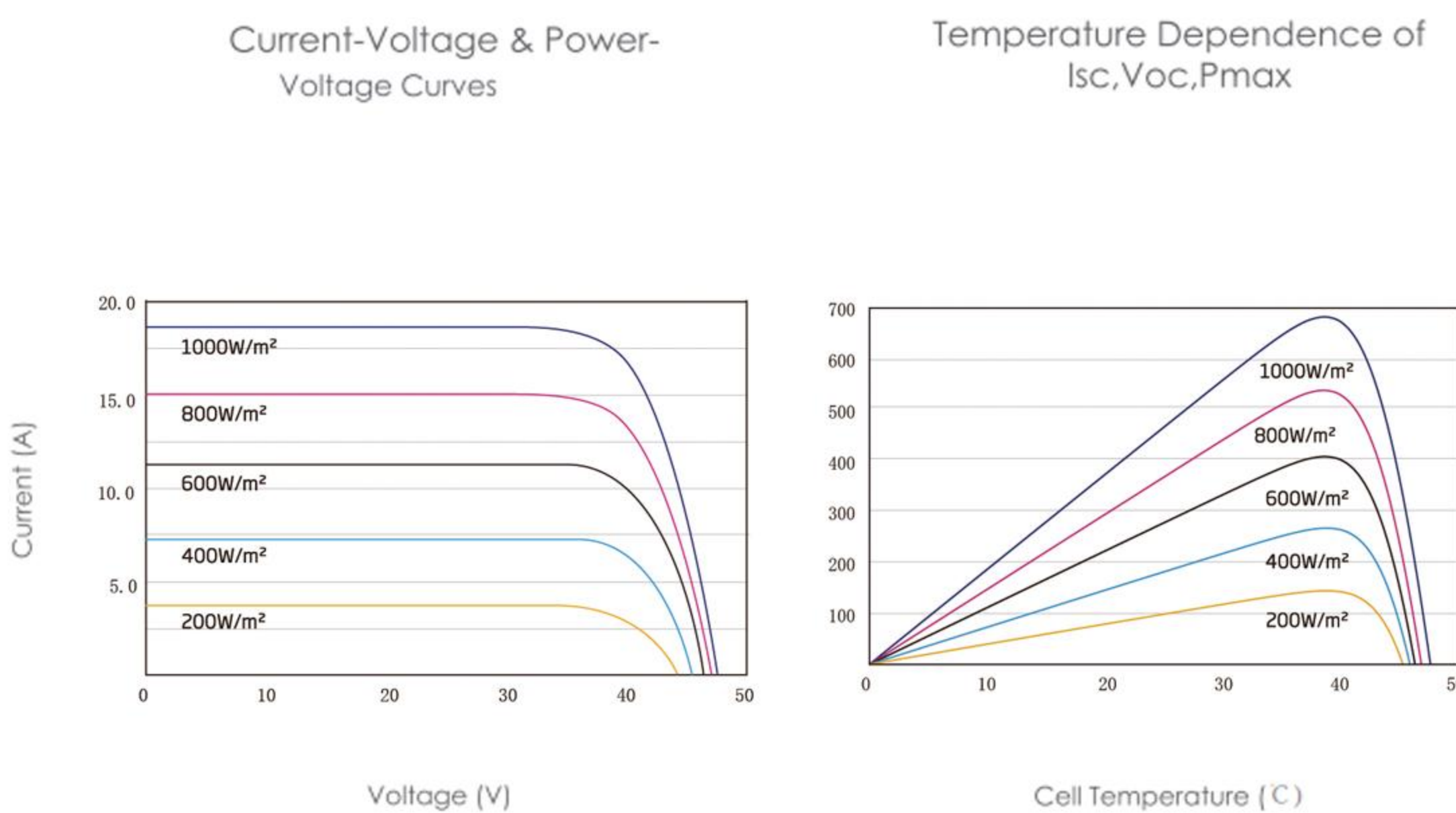
SPECIFICATIONS

Module Type	FY-132-685NDG		FY-132-690NDG		FY-132-695NDG		FY-132-700NDG		FY-132-705NDG		FY-132-710NDG	
	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC	STC	NOTC
Maximum Power (Pmax)	685Wp	521Wp	690Wp	526Wp	695Wp	530Wp	700Wp	534Wp	705Wp	538Wp	710Wp	542Wp
Maximum Power Voltage (Vmp)	39.80V	37.30V	40.10V	37.70V	40.30V	37.80V	40.50V	38.00V	40.70V	38.20V	40.90V	38.40V
Maximum Power Current (Imp)	17.19A	13.94A	17.23A	13.96A	17.25A	14.02A	17.29A	14.05A	17.33A	14.08A	17.36A	14.12A
Open-circuit Voltage (Voc)	47.70V	45.20V	47.90V	45.40V	48.30V	45.80V	48.60V	46.00V	48.80V	46.20V	49.00V	46.40V
Short-circuit Current (Isc)	18.21 A	14.67A	18.25A	14.71A	18.28 A	14.73A	18.32A	14.76A	18.36 A	14.80A	18.40 A	14.83A
Module Efficiency STc (%)	22.10%		22.20%		22.40%		22.50%		22.70%		22.90%	
Operating Temperature(°C)							-40°C~+85°C					
Maximum system voltage							1500VDC(IEC)					
Maximum series fuse rating							35A					
Power tolerance							0~+5°C					
Temperature coefficients of Pmax							-0.30%/°C					
Temperature coefficients of Voc							-0.24%/°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	N type Mono-crystalline
NO.of cells	132 cell
Dimensions	2384×1303×33mm
Weight	38.3kg
Output Cables	TUV 1X4.0mm²
Junction Box	IP68Rated

Packaging Configuration

33pcs/pallets, 594pcs/ 40'HQ Container



JIAXING FEIYA NEW ENERGY CO.LTD

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