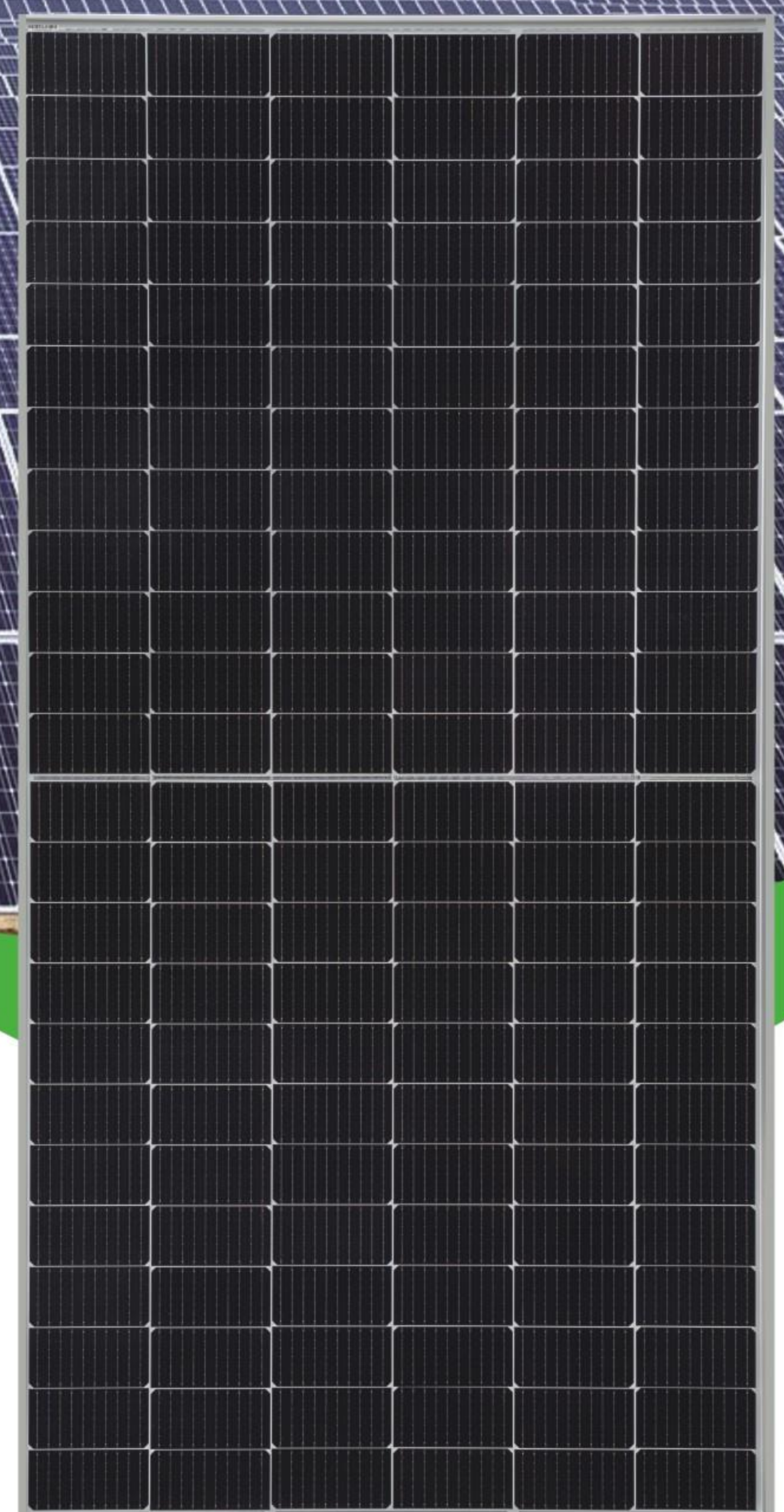




Enjoy Sunshine, Enjoy Life



BIFACIAL MONOCRYSTALLINE SOLAR MODULE

182-144 HALF CELL 525-550 WATT

QJ Solar linear warranty

12 Years
Limited Product Warranty

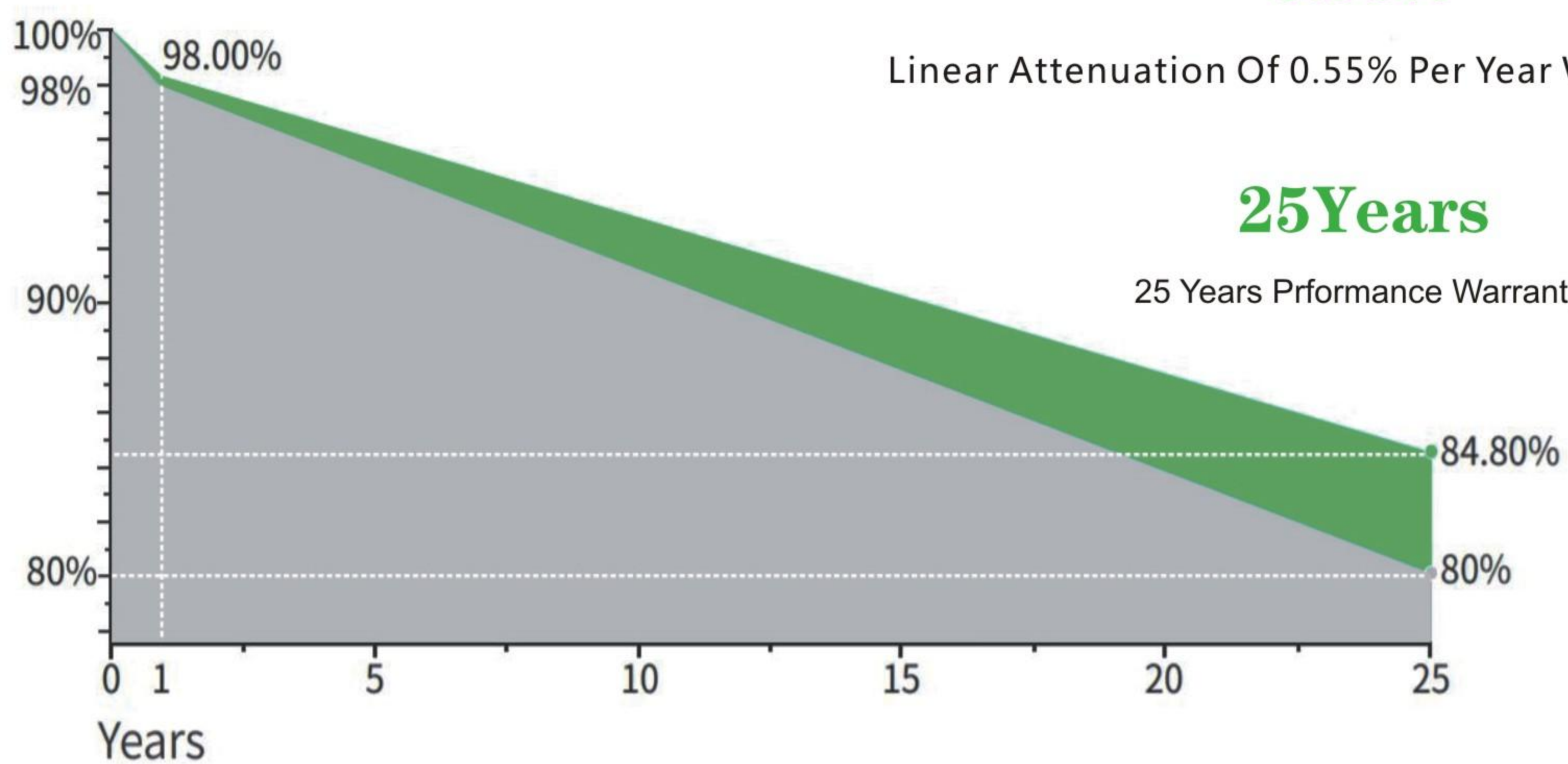
25 Years
Performance Warranty

New Linear Power Warranty
Standard Linear Power Warranty

2%
The First Year Degradation

0.55%
Linear Attenuation Of 0.55% Per Year Within 25 Years

25 Years
25 Years Performance Warranty



The solar panel characteristics

- SMBB cell design
- Low Degradation
- High Reliability
- Excellent Low-light Performance
- PID Resistant



☎ 86-574-63441748 📠 86-574-63456148 ✉ sales@qjsolar.com 🌐 www.qjsolar.com

📍 No.69, Mingde Road, Zhouxiang Town, Cixi City, Ningbo, Zhejiang Province, China

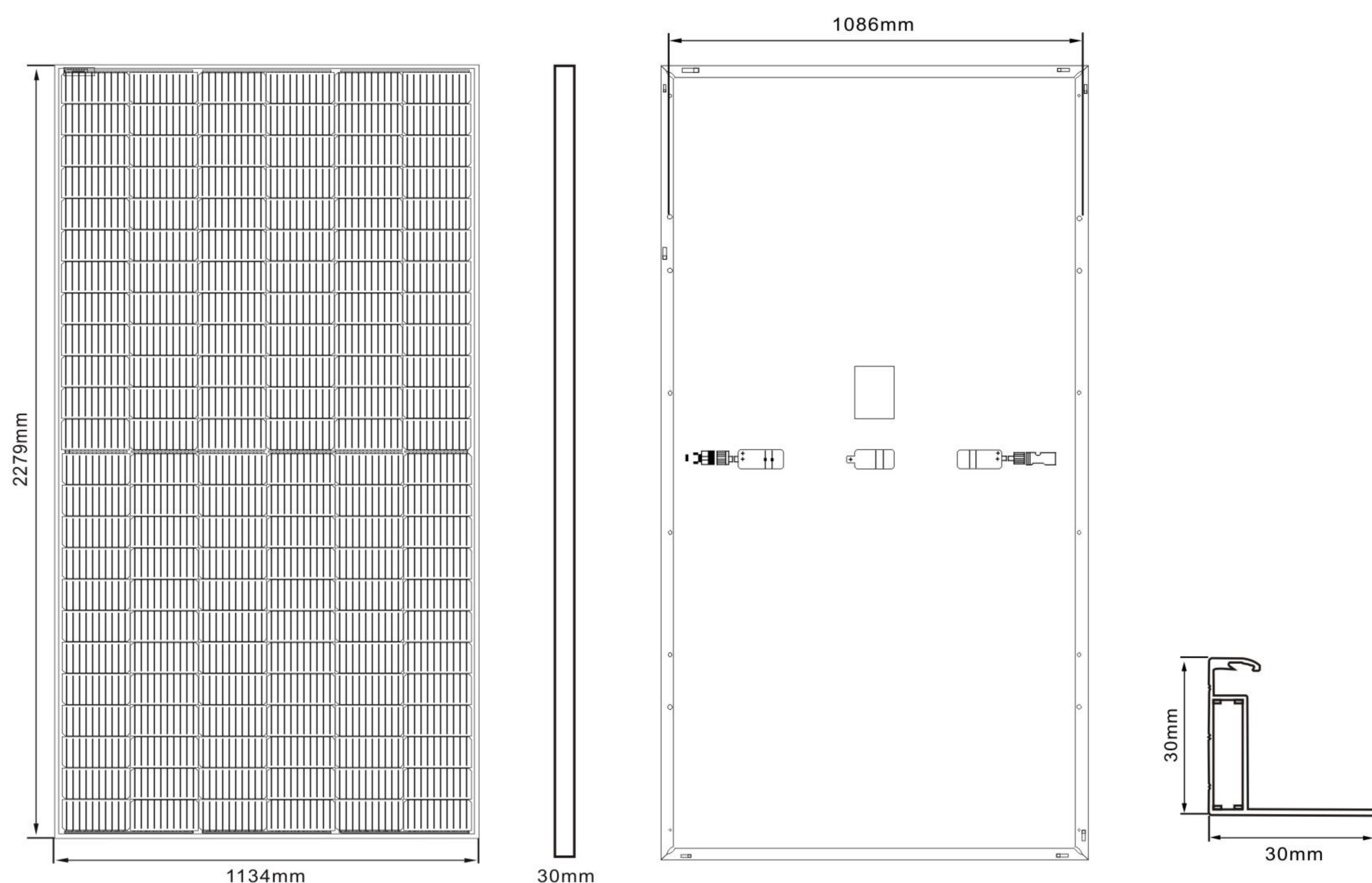
BIFACIAL MONOCRYSTALLINE 182-144 HALF CELL 525-550 WATT



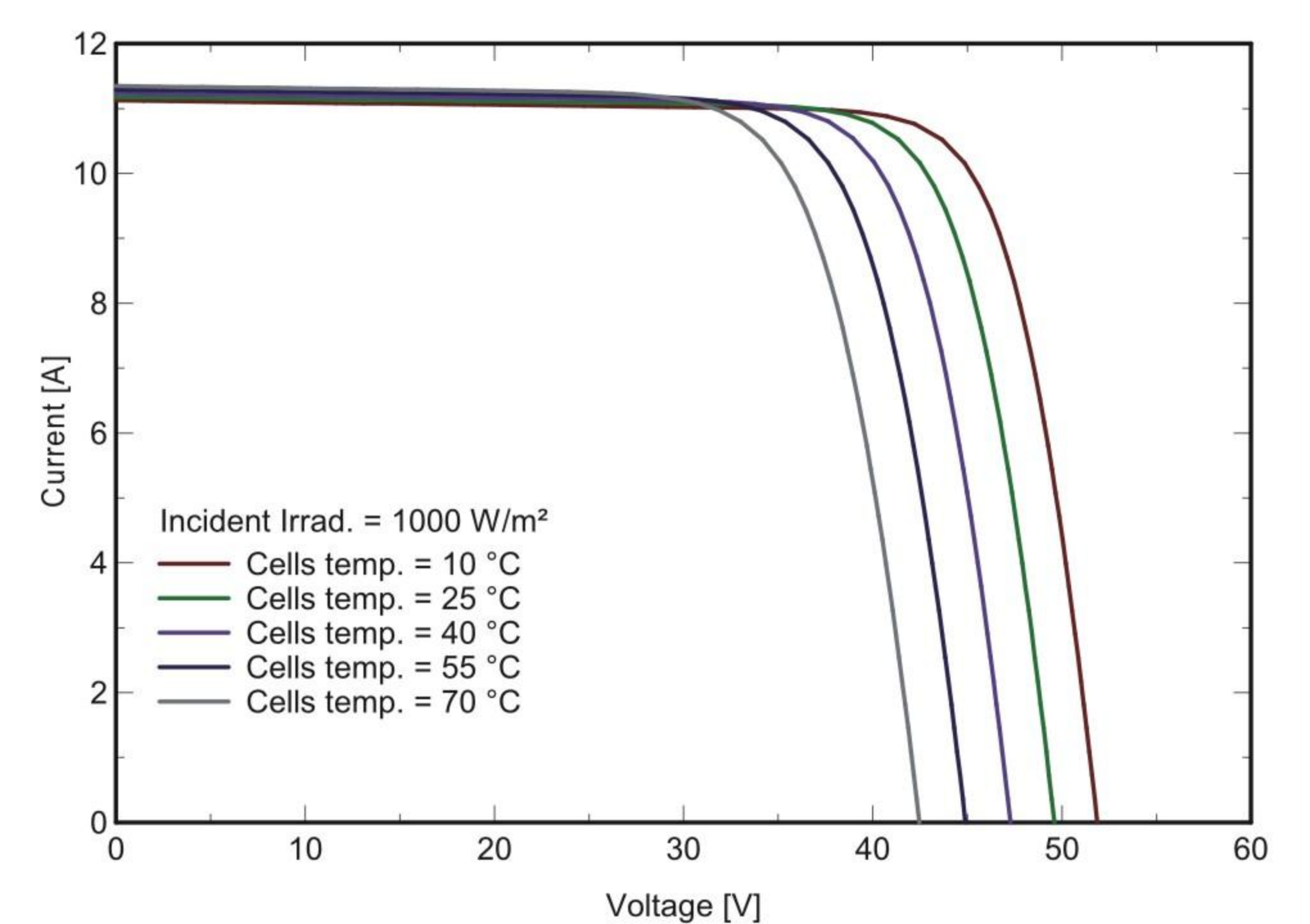
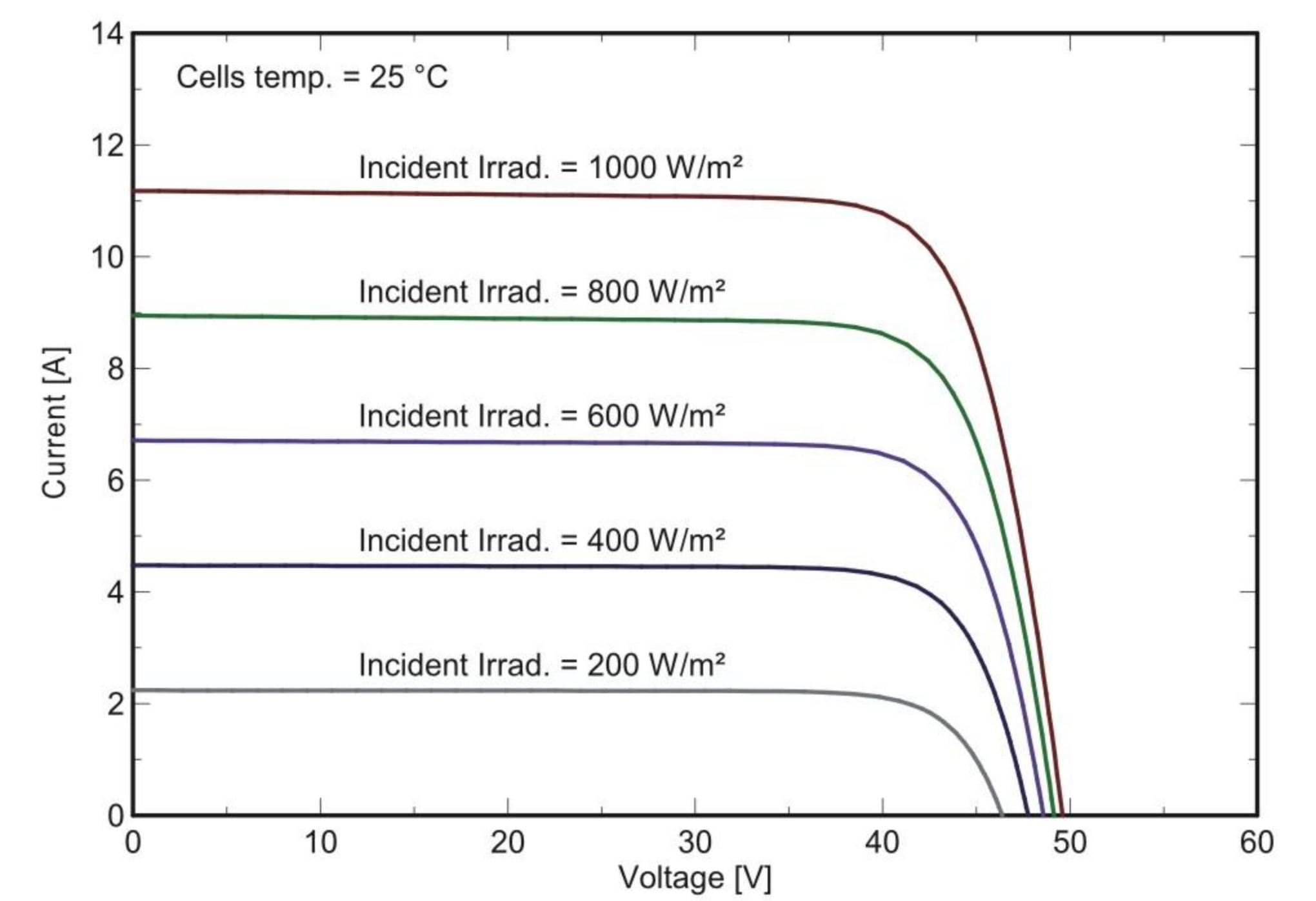
ELECTRICAL PERFORMANCE:

Module Type	QJM525-144HDG	QJM530-144HDG	QJM535-144HDG	QJM540-144HDG	QJM545-144HDG	QJM550-144HDG
	STC	STC	STC	STC	STC	STC
Maximum Power(Pmax)	525WP	530WP	535WP	540WP	545WP	550WP
Maximum Power Voltage(Vmp)	41.80V	41.84V	41.88V	41.96V	42.05V	42.13V
Maximum Power Current (Imp)	12.56A	12.69A	12.78A	12.87A	12.96A	13.05A
Open-circuit Voltage (Voc)	49.30V	49.40V	49.50V	49.60V	49.70V	49.80V
Short-circuit Current (Isc)	13.44A	13.58A	13.67A	13.78A	13.87A	13.97A
Module Efficiency STC (%)	20.4%	20.6%	20.8%	21%	21.2%	21.4%
Operating Temperature(°C)	-40°C~+85°C					
Maximum system voltage	1500VDC					
Maximum series fuse rating	30A					
Power tolerance	0~+3%					
Temperature coefficients of Voc	-0.25%/°C			Temperature coefficients of Pmax		-0.29%/°C
Temperature coefficients of Isc	0.045%/°C			Nominal operating cell temperature (NOCT)		45±2/°C

MODULE DIAGRAM:



ELECTRICAL CURVES:



MECHANICAL CHARACTERISTICS:

Front Cover	Tempered AR coated glass, 2.0mm
Solar Cell	144(6*12+6*12)Monocrystalline
Frame	Anodized aluminum alloy
Junction Box	IP68,3 diodes
Protection Class	Class II
Front/Rear Side Maximum Static loading	5400Pa/2400Pa
Cables & Plug connectors	300mm,4mm² & MC4 compatible;customized
Application Level	Class A
Module Dimensions	2279*1134*30mm(±1mm)
Module Weight	32kg

PACKING DETAILS:

Container	40HQ
Pieces per pallet	36PCS
Pallets per container	20P
Pieces per container	720PCS

*STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

Cixi City Rixing Electronics Co.,Ltd.

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