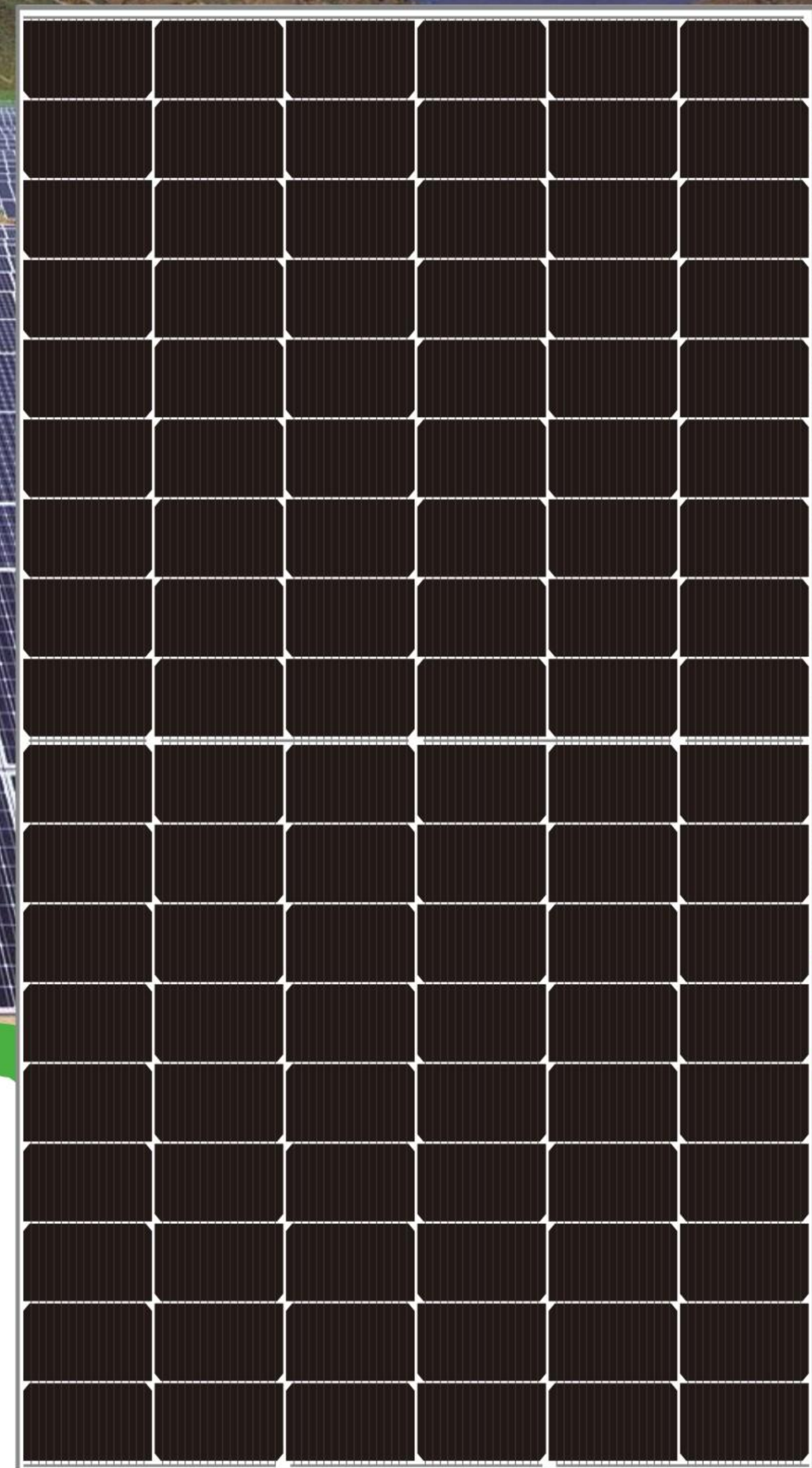




Enjoy Sunshine Enjoy Life

N-TOPCon BIFACIAL MONOCRYSTALLINE SOLAR MODULE

182-108 HALF CELL 420-440 WATT



QJ Solar linear warranty

The solar panel characteristics

12 Years
Limited Product Warranty

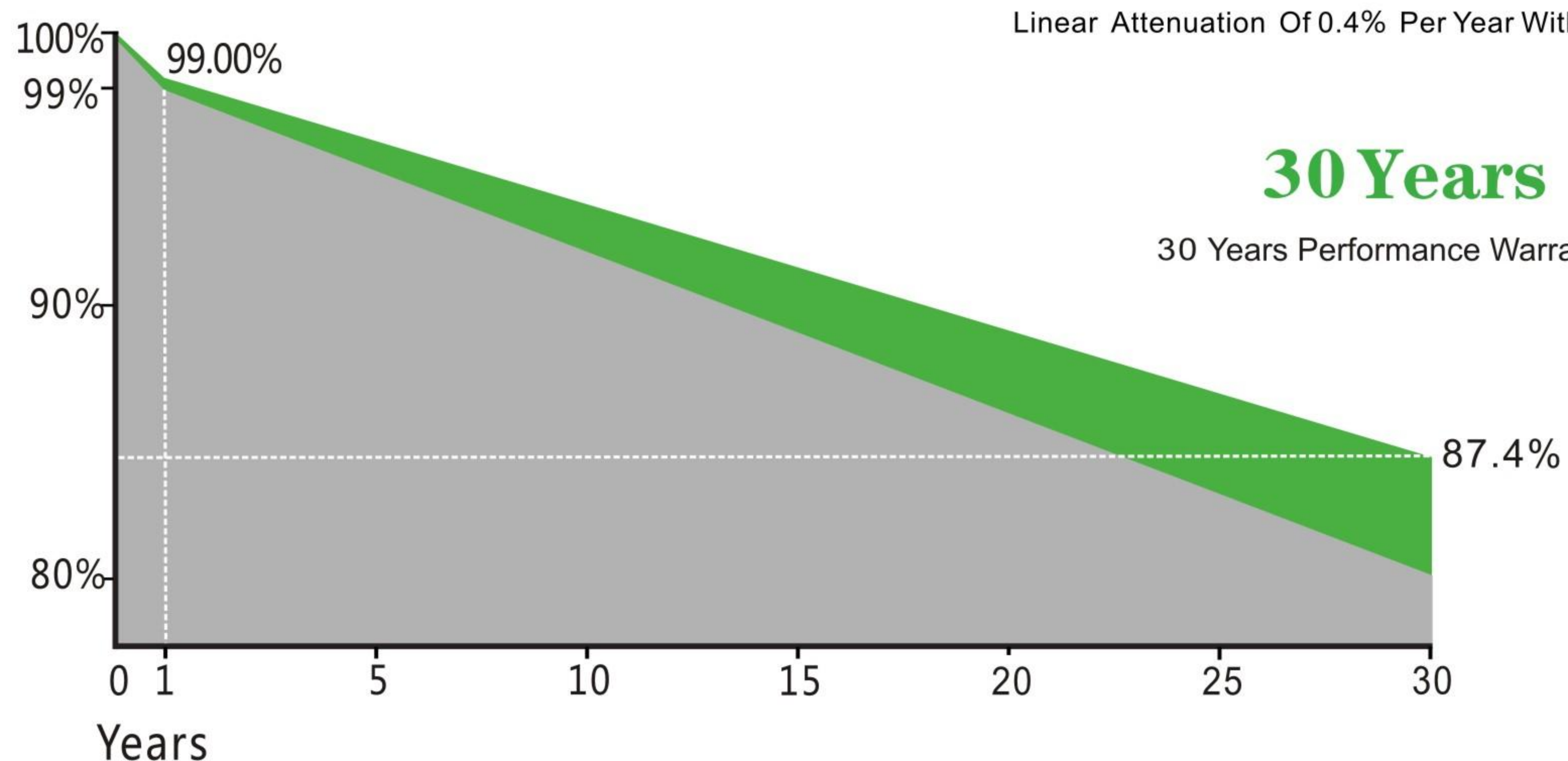
30 Years
Performance Warranty

New Linear Power Warranty
Standard Linear Power Warranty

1%
The first Year Degradation

0.4%
Linear Attenuation Of 0.4% Per Year Within 30 Years

30 Years
30 Years Performance Warranty



- 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

N-TOPCon BIFACIAL MONOCRYSTALLINE 182-108 HALF CELL 420-440 WATT



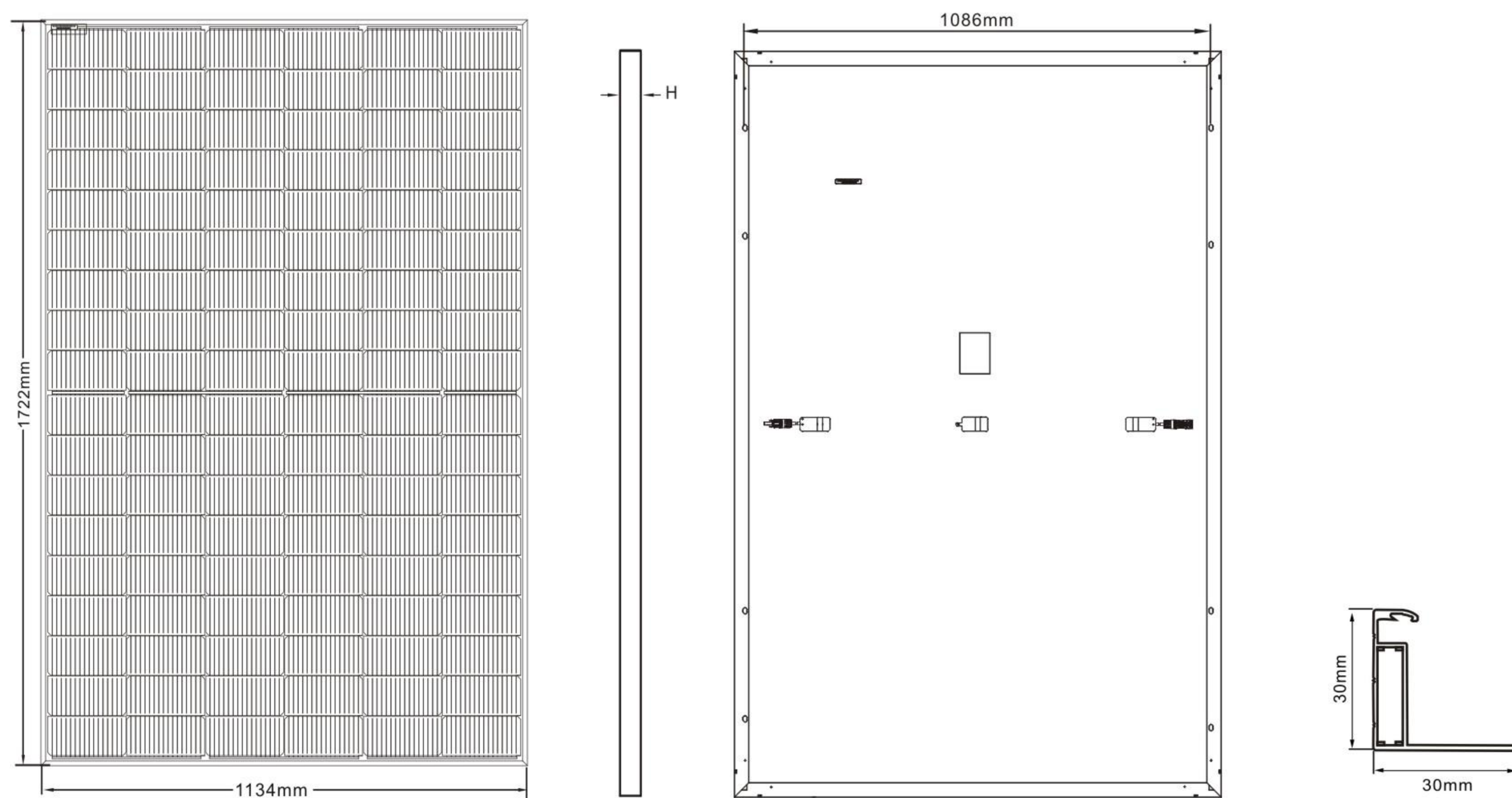
ELECTRICAL PERFORMANCE:

Module Type	QJM420-108HNDG	QJM425-108HNDG	QJM430-108HNDG	QJM435-108HNDG	QJM440-108HNDG
	STC	STC	STC	STC	STC
Maximum Power(Pmax)	420WP	425WP	430WP	435WP	440WP
Maximum Power Voltage(Vmp)	32.14V	32.31V	32.48V	32.65V	32.80V
Maximum Power Current (Imp)	13.07A	13.16A	13.24A	13.33A	13.42A
Open-circuit Voltage (Voc)	38.57V	38.77V	38.97V	39.17V	39.37V
Short-circuit Current (Isc)	13.78A	13.86A	13.96A	14.04A	14.14A
Module Efficiency STC (%)	21.02%	21.27%	21.52%	21.77%	22.02%
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

BIFACIAL OUTPUT - REAR SIDE POWER GAIN

		QJM420-108HNDG	QJM425-108HNDG	QJM430-108HNDG	QJM435-108HNDG	QJM440-108HNDG
10%	Pmax (STC)	462	468	473	479	484
20%	Pmax (STC)	504	510	516	522	528
30%	Pmax (STC)	546	553	559	566	572

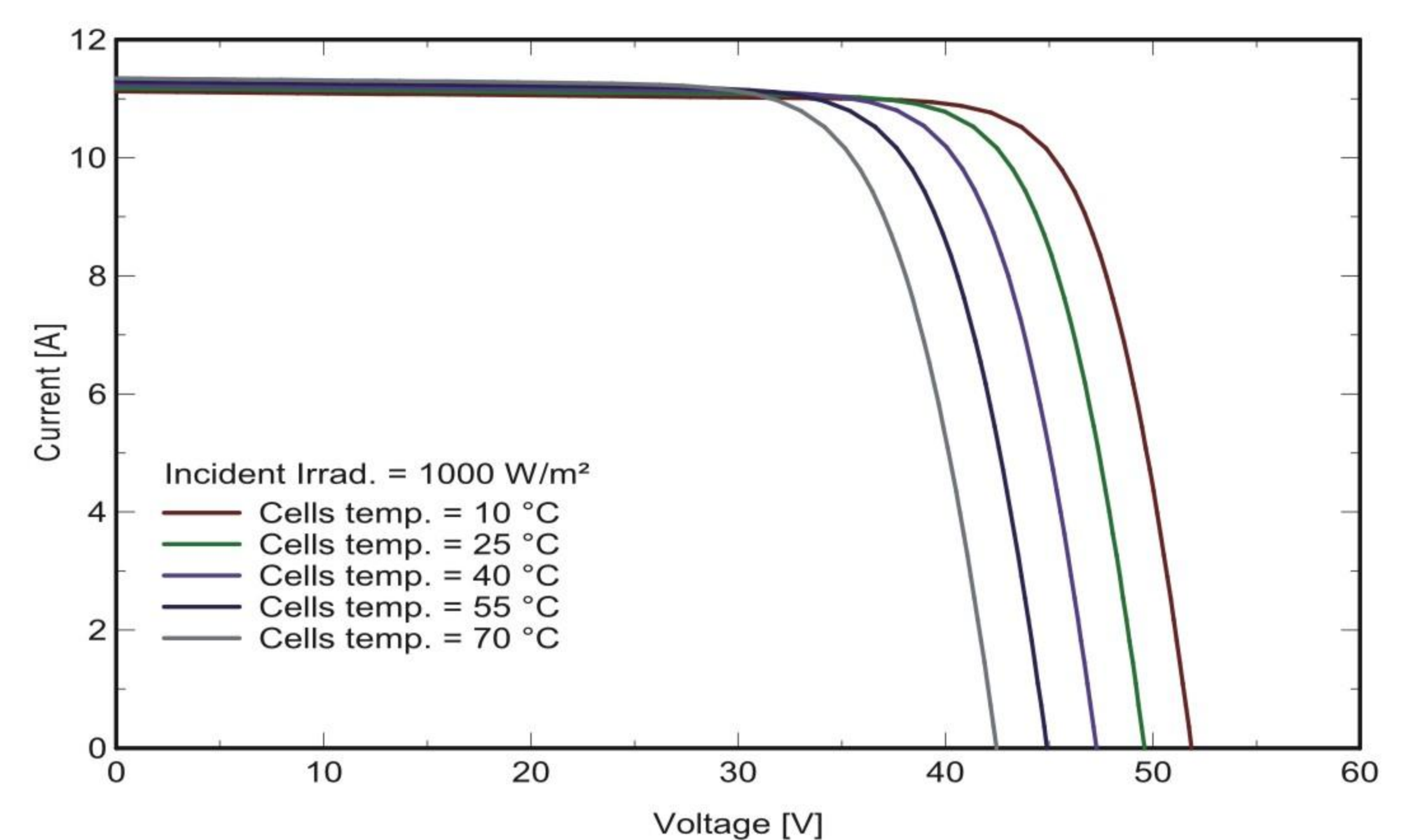
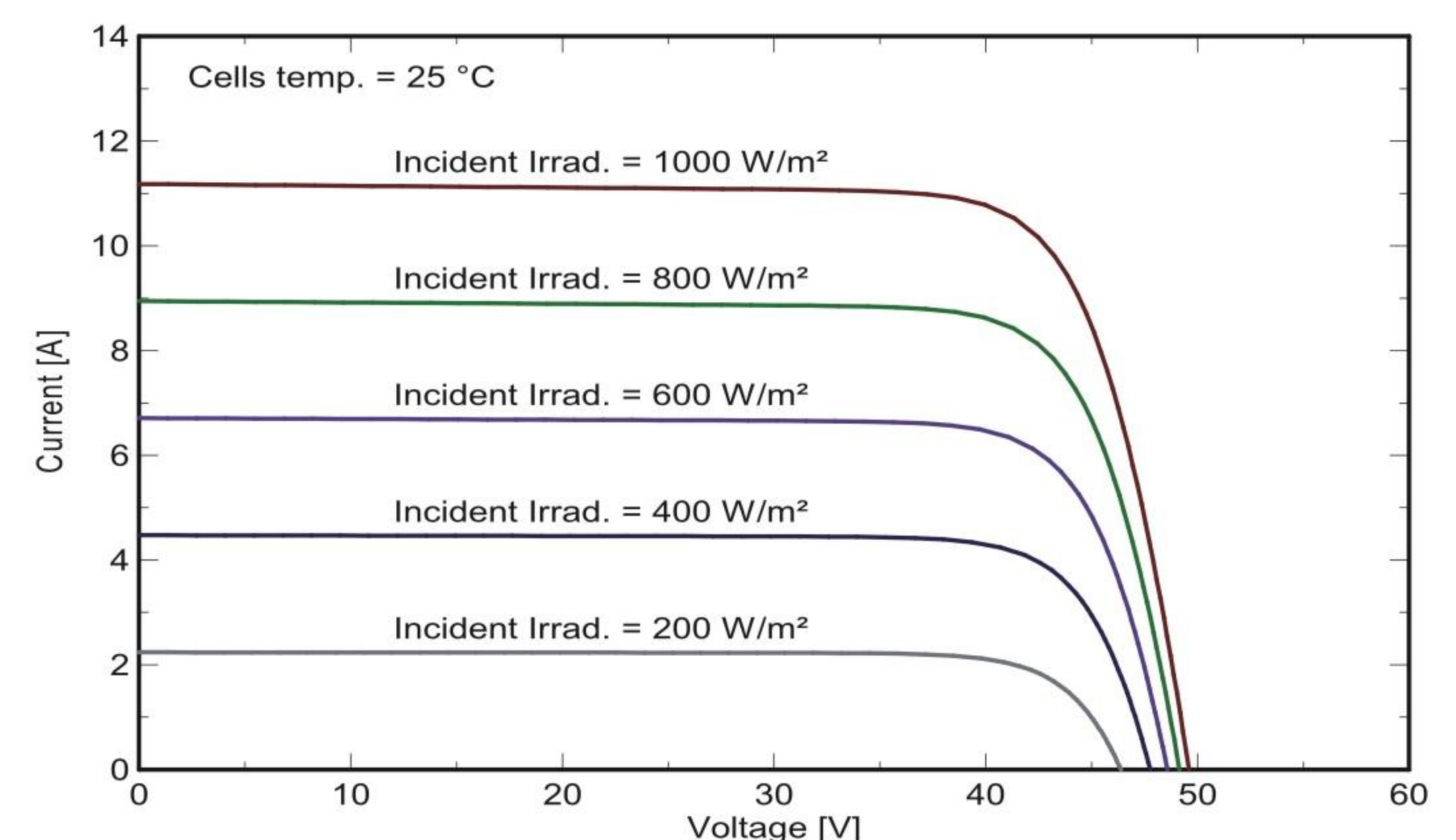
MODULE DIAGRAM:



MECHANICAL CHARACTERISTICS:

Front Cover	Tempered AR coated glass, 2.0mm
Solar Cell	108(6*9+6*9)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,4mm ² & MC4 compatible;customized
Application Level	Class A
Module Dimensions	1722*1134*30mm(±1mm)
Module Weight	25kg

ELECTRICAL CURVES:



PACKING DETAILS:

Container	40'HQ
Pieces per pallet	36PCS(30mm)
Pallets per container	26P
Pieces per container	936PCS

*STC: Irradiance 1000W/m²

Cell Temperature 25°C

AM=1.5

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