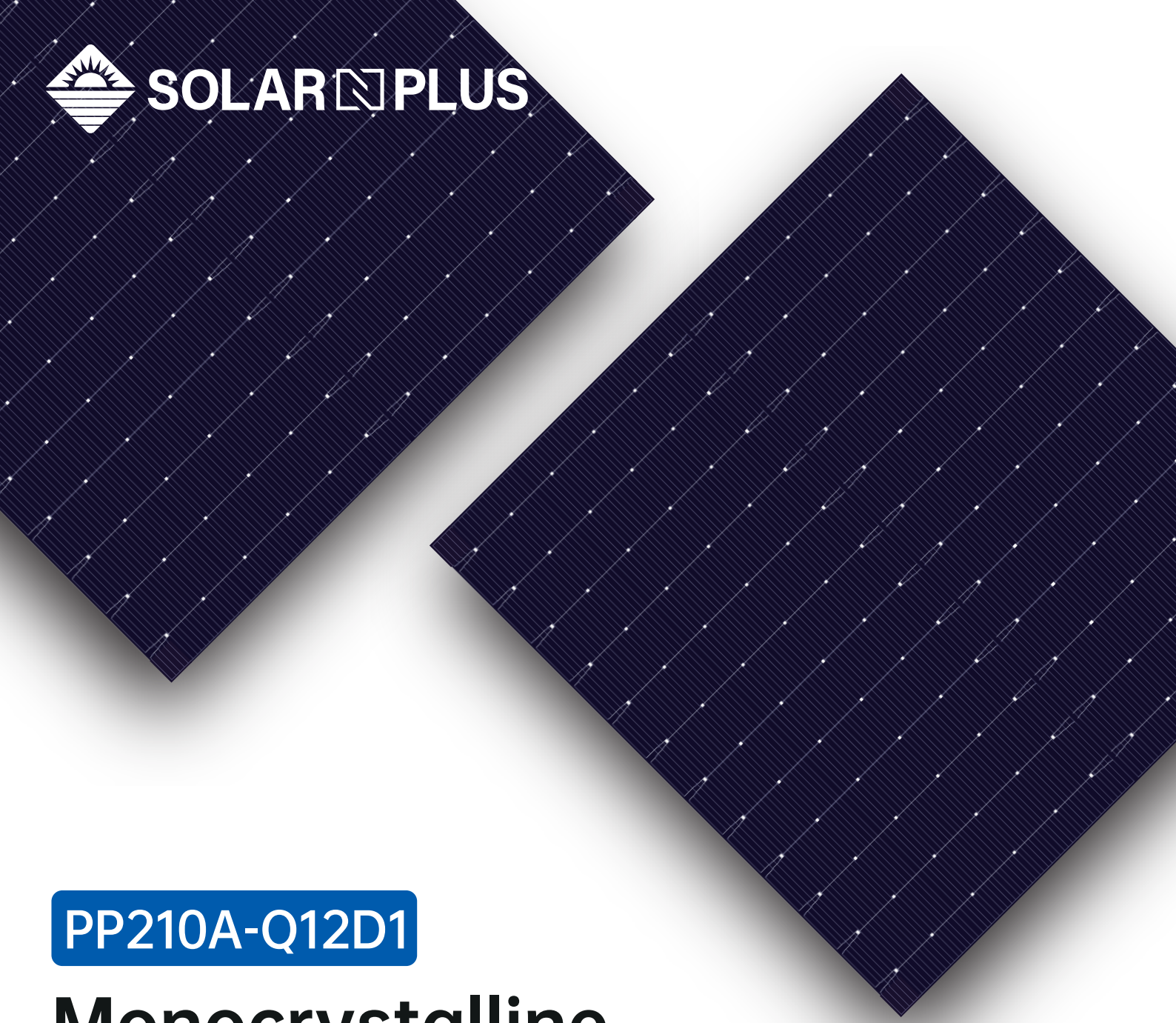
SOLAR PLUS



PP210A-Q12D1

Monocrystalline Bifacial PERC Cell

PRODUCT CHARACTERISTICS

- HIGH CONVERSION EFFICIENCY WITH HIGH RELIABILITY
- LOW LIGHT-INDUCED DEGRADATION
- STABLE MANUFACTURING PROCESS, UNIFORM ELECTRICAL PERFORMANCE
- BOTH SIDES CAN GENERATE ELECTRICITY
- LOW HOT SPOT EFFECT
- LOW MISMATCH OF CELL PERFORMANCE DURING ENCAPSULATION
- EXCELLENT POWER GENERATION PERFORMANCE UNDER LOW IRRADIATION

PP210A-Q12D1

ELECTRIC PERFORMANCE

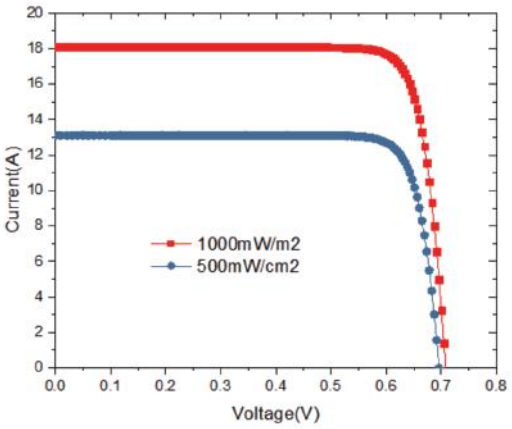
Eff(%)	Pmpp(W)	Vmpp(V)	Impp(A)	Voc(V)	Isc(A)
23.1	10.18	0.590	17.261	0.690	18.186
23.0	10.14	0.589	17.216	0.689	18.166
22.9	10.10	0.587	17.206	0.688	18.140
22.8	10.05	0.586	17.151	0.687	18.125
22.7	10.01	0.584	17.140	0.686	18.108
22.6	9.97	0.583	17.101	0.685	18.088
22.5	9.92	0.581	17.074	0.685	18.062
22.4	9.88	0.579	17.064	0.684	18.049
22.3	9.83	0.577	17.036	0.682	18.030
22.2	9.79	0.575	17.026	0.681	18.016
22.1	9.75	0.574	16.986	0.680	17.995

Under standard test condition: 1000W/m², AM 1.5, 25±2℃

TEMPERATURE COEFFICIENTS

TkCurrent	+(0.07±0.015) %/K
TkVoltage	-(0.36±0.03) %/K
TkPower	-(0.38±0.02) %/K

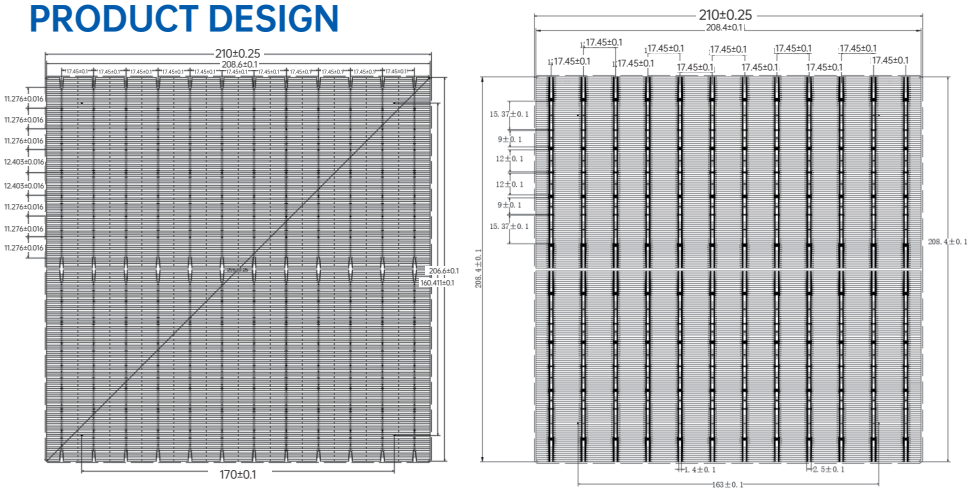
IV CURVE



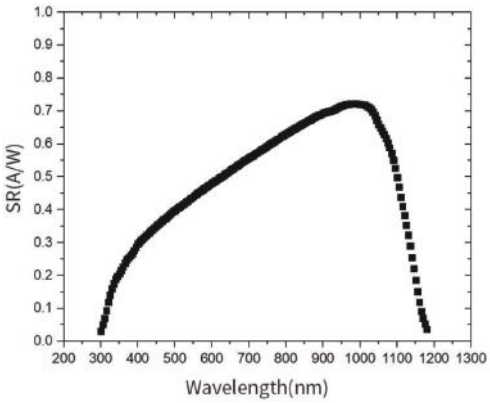
PRODUCT FEATURES

Dimension	210mmx210mm(±0.25mm), Φ295mm±0.25mm
Cell Thickness	170μm(±20μm)
Front side	12BB, silicon nitride antireflection coating
Back side	12BB, silicon nitride antireflection coating

PRODUCT DESIGN



SPECTRAL RESPONSE(SR)



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