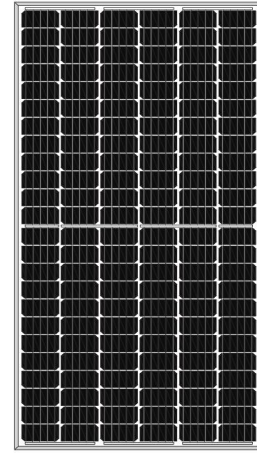
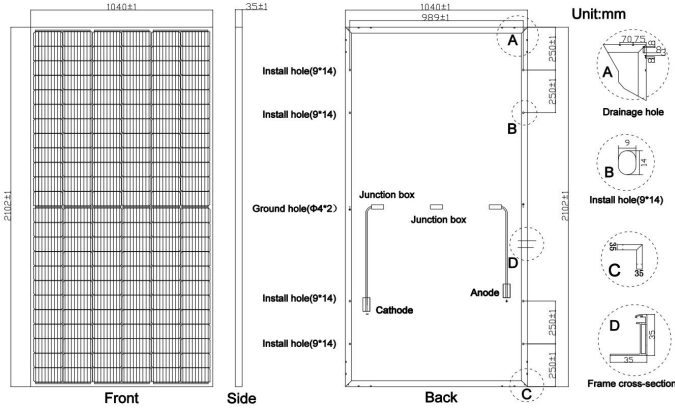


450W Mono half cells solar panel (2102*1040*35)



Specifications

* STC: irradiance 1000 W/m², AM 1.5, and cell temperature of 25°C

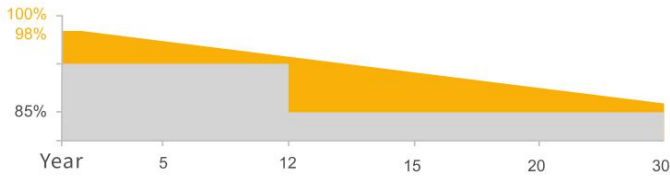
Peak Power(P _{max})	450.00
Maximum Power Voltage(V _{mp})	41.40
Maximum Power Current(I _{mp})	10.87
Open Circuit Voltage(V _{oc})	50.22
Short Circuit Current(I _{sc})	11.48
Cells Efficiency(%)	22.90
Module Efficiency(%)	20.60

* NOCT: irradiance 800 W/m², AM 1.5G, ambient temperature 20°C, wind speed 1 m/s

Peak Power(P _{max})	326.00
Maximum Power Voltage(V _{mp})	37.90
Maximum Power Current(I _{mp})	8.61
Open Circuit Voltage(V _{oc})	46.30
Short Circuit Current(I _{sc})	9.13

Maximum System Voltage(V)	1500
Maximum Series Fuse Rating(A)	20
Power Tolerance	0 ~ +3 %
P _{max} Temperature Coefficients(W/°C)	-0.370 %
V _{oc} Temperature Coefficients(V/°C)	-0.286 %
I _{sc} Temperature Coefficients(A/°C)	+0.057 %
NOCT Nominal Operating Cell Temperature(°C)	45±2
Operating and Storage Temperature(°C)	-40 ~ +85

Warranty



12
YEARS

Guarantee on product material and workmanship

30
YEARS

Linear Power output warranty



Mechanical characteristics

Cell Type	166x83 Mono
No. of Cells	144(12x12)
Dimensions	2102*1040*35
Weight	23.00kg
Front Glass	3.2mm high transmission, low iron, tempered glass
Frame	Anodized Aluminium Alloy
Junction box	IP68 3 diodes
Output cables	4mm ² cable 55cm include mc4
MaxWind Load/Snow	2400Pa/5400Pa

Packing list

20FT container	5 Packages/155pcs
40HQ container	22 Packages/726PCS

Product Standard

Product Performance	IEC61215
Product Safety	IEC61730

IV Cure

