



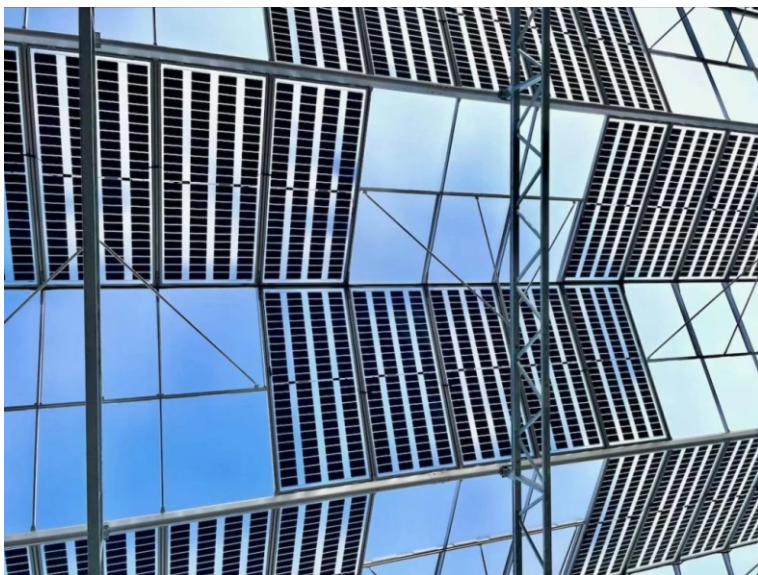
PERLIGHT SOLAR
Powering Possibilities

PLM-300DH8N-80

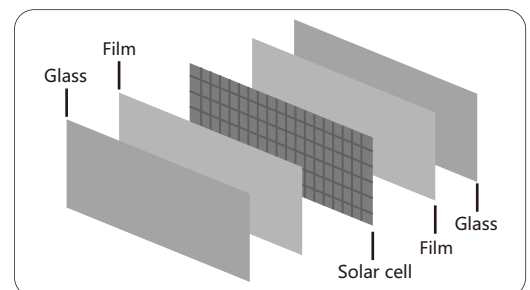
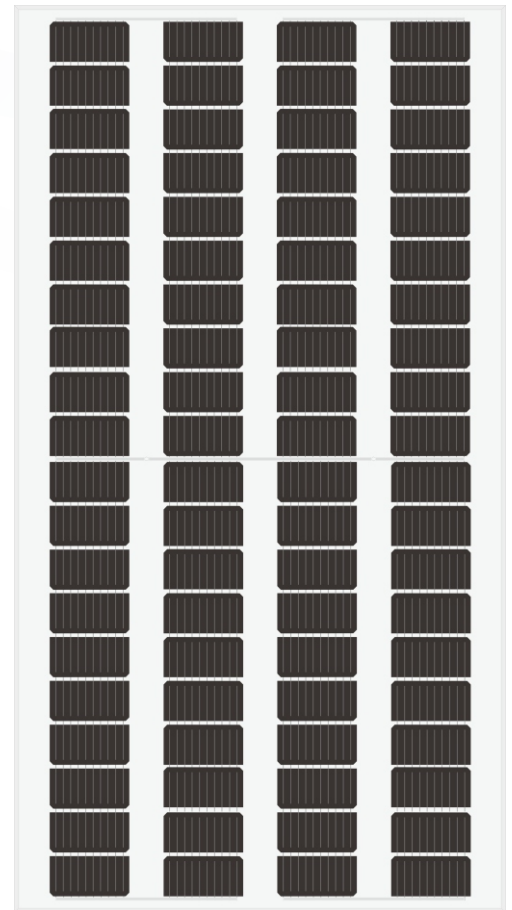
Transmission Panels for Green House

Building integrated transparent modules

TRANSMITTANCE $\geq 45\%$



**Agricultural buildings
Greenhouses
Traditional buildings**



**Product
Warranty**



**Power
Warranty**

Capture the sun and let the light in at the same time.

Customisable Transmission level.

Perfect combination of modern technology and architecture.



Insurance

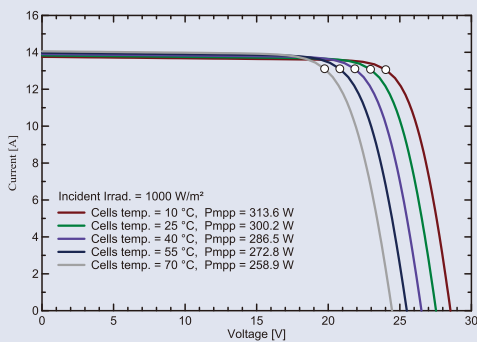
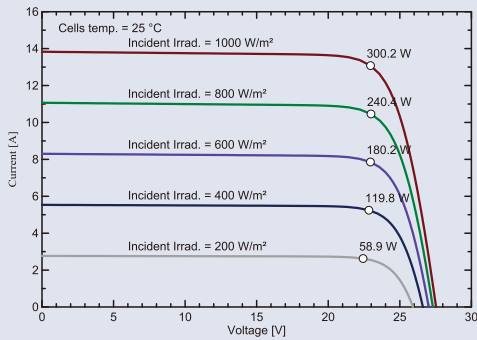
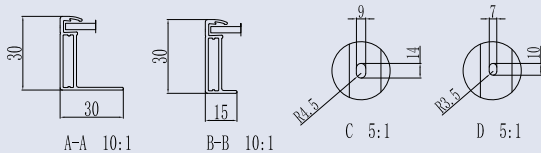
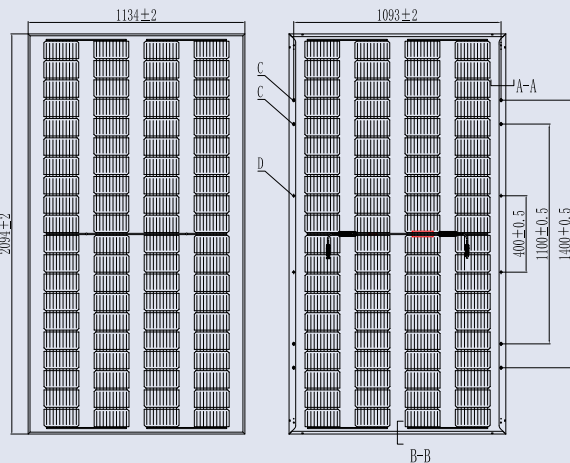


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PERLIGHT SOLAR
Powering Possibilities



Perlight Partners

Electrical Properties (STC*)

Power Output (Wp)	295	300	305
Voltage Mpp-Vmpp (V)	23.01	23.18	23.37
Current Mpp-Impp (A)	12.82	12.94	13.05
Voltage Open Circuit-Voc (V)	27.38	27.53	27.72
Short Circuit Current-Isc (A)	13.70	13.83	13.96

*STC: Irradiance 1000W/m², Cell Temperature 25°C, AM 1.5
Power Tolerance: ± 3%

Electrical Characteristics (NMOT*)

Power Output (Wp)	220	224	228
Voltage Mpp-Vmpp (V)	21.26	21.42	21.59
Current Mpp-Impp (A)	10.36	10.45	10.54
Voltage Open Circuit-Voc (V)	25.84	25.99	26.17
Short Circuit Current-Isc (A)	11.06	11.17	11.27

*NMOT: Irradiance 800W/m², Environment Temperature 20°C, Air Mass AM 1.5. Wind Speed 1m/s

Mechanical Properties

Cell Size	182mm×91mm
Number of Cells	80 [4×20]
Module Dimension	2094×1134×30mm(L×W×H)
Weight	30Kg
Glass	Double Glass 2mm
Frame	Anodized Aluminium Alloy
Junction Box	IP 68 (2 Diodes)
Cable Length	TUV 1×4.0 mm ² , (+):1200mm/(-):1200mm or Customized Length

Temperature Ratings

Isc Temperature Coefficient	+0.046%/°C
Voc Temperature Coefficient	-0.25%/°C
Pmax Temperature Coefficient	-0.30%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

Working Conditions

Max. system voltage	DC1500V
Limiting reverse current	25A
Operating temperature range	-40°C~85°C
Max. static load front (e.g., snow)	5400Pa
Max. static load back (e.g., wind)	2400Pa
Safety Class	II

Packaging Configuration

Container	40'HQ
Pieces Per Pallet	35
Pallets Per Container	22
Pieces Per Container	770