



PERLIGHT SOLAR
Powering Possibilities

PLM-350H8N-108 SERIES

Half-Cell N-Type Mono Module
Power Range 350W-360W

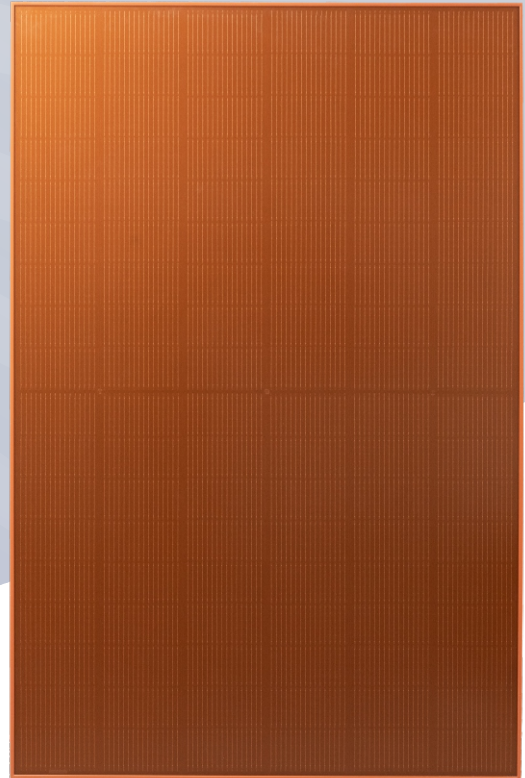


Colour CBCC1094

Glass Light Transmittance 63%



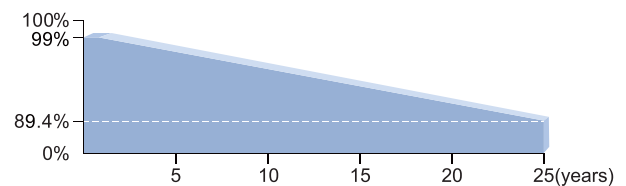
Customized Colors Available



Insurance



Perlight's linear performance warranty



18.44%

MAX MODULE EFFICIENCY
AFTER INSTALLED

12

YEARS LIMITED
PRODUCT WARRANTY

25

YEARS PERFORMANCE
WARRANTY



BIPV Design

- Architectural integration with unique design, super architectural aesthetic



Zero LiD (Light Induced Degradation)

- N-type solar cell has no LiD naturally which can increase power generation



Customized Solutions

- For different needs, different solutions, different colors



PID Resistance

- Excellent Anti-PID performance guarantee via optimized mass-production process and materials control



Enhanced Mechanical Load

- Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal)

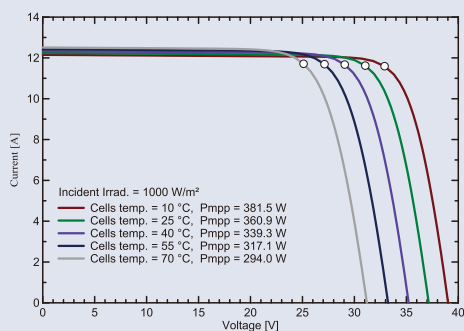
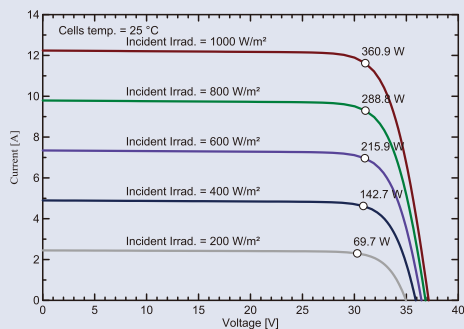
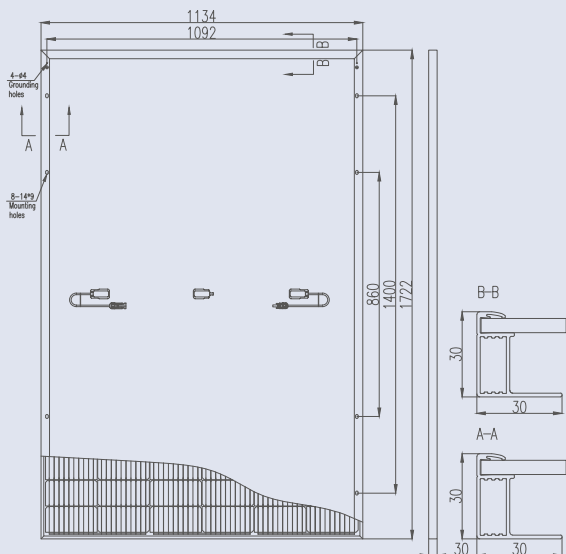


Withstanding Harsh Environment

- Reliable quality leads to a better sustainability even in harsh environment like desert, farm and coastline



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Perlight Partners



More Than 40 Years Manufacturing
Experience Of Baolite Group Since 1982

Electrical Properties (STC*)

Power Output (Wp)	350	355	360
Voltage Mpp-Vmpp (V)	30.52	30.62	30.72
Current Mpp-Impp (A)	11.47	11.59	11.72
Voltage Open Circuit-Voc (V)	38.34	38.46	38.58
Short Circuit Current-Isc (A)	11.74	11.90	12.06
Module Efficiency (%)	17.92	18.18	18.44

*STC: Irradiance 1000W/m², Cell Temperature 25°C, AM 1.5

Electrical Properties (NOCT*)

Power Output (Wp)	264	268	272
Voltage Mpp-Vmpp (V)	28.58	28.67	28.76
Current Mpp-Impp (A)	9.26	9.36	9.46
Voltage Open Circuit-Voc (V)	35.88	36.00	36.12
Short Circuit Current-Isc (A)	9.40	9.52	9.64

*NOCT: Irradiance 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s

Mechanical Properties

Cell Size	182mm×91mm
Number of Cells	108 [2× (9×6)]
Module Dimension	1722×1134×30mm(L×W×H)
Weight	21.5Kg
Front Glass	High Transmission Glass 3.2mm
Frame	Anodized Aluminium Alloy
Junction Box	IP 68 (3 Diodes)
Cable Length	TUV 1×4.0 mm ² , (+):1200mm/(-):1200mm or Customized Length

Packaging Configuration

Packing Type	40'HQ
Piece / Pallet	36
Piece / Container	936

Operating Properties

Operating Temperature	-40°C ~ +85°C
Maximum System Voltage	1500V DC (IEC)
Maximum Series Fuse Rating	25A
Power Tolerance	±3%

Temperature Coefficient

Temperature Coefficient of Pmax	-0.310%/°C
Temperature Coefficient of Voc	-0.26%/°C
Temperature Coefficient of Isc	+0.046%/°C
Nominal Operating Cell Temperature (NOCT)	42±2°C