

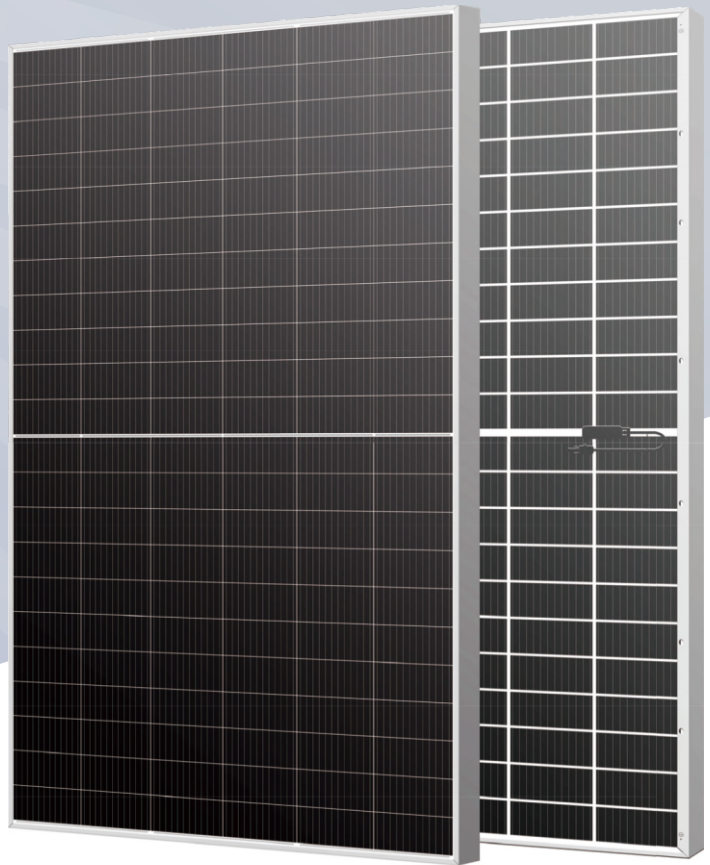


PERLIGHT SOLAR
Powering Possibilities

PLM-660DH2M-132 SERIES

Bifacial Double Glass

Mono PERC Half-Cell Module
Power range 645W-665W

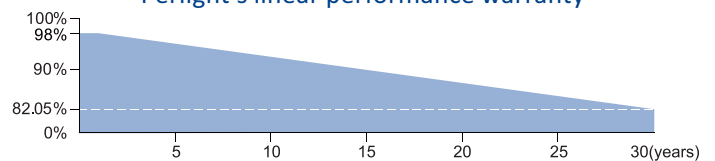


Insurance

PKCC



Perlight's linear performance warranty



21.60%

MAX MODULE EFFICIENCY
AFTER INSTALLED

15

YEARS LIMITED
PRODUCT WARRANTY

30

YEARS PERFORMANCE
WARRANTY



- ▲ Higher output power
- ▲ Module efficiency up to 21.6%
- ▲ Lower temperature coefficient
- ▲ Up to 30% additional power gain from back side depending on albedo



- ▲ ISO9001:2015 Quality Management system
- ▲ ISO14001:2015 Environmental Management System
- ▲ ISO45001:2018 Occupational Health and Safety Management System



- ▲ Lower LCOE (Levelized Cost Of Energy)
- ▲ High Power output lead to lower BOS cost



Excellent Potential Induced
Degradation Resistance



- ▲ Salt Mist Corrosion Protect
- ▲ Ammonia Resistance



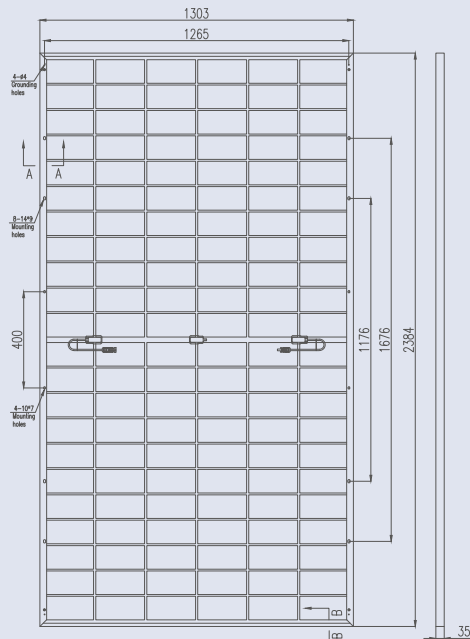
Excellent Wind Load 2400Pa & Snow Load
5400Pa Under Certain Installation Method

PERLIGHT SOLAR CO.,LTD.

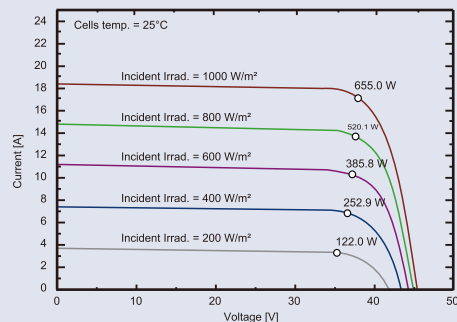
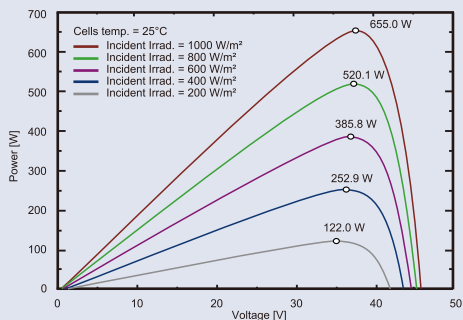
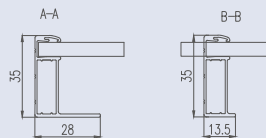
Add: Oufeng Rd, Muyu, Zeguo Town, Wenling, Zhejiang, China | www.perlight.com
+86-576-86477290 | enquiry@perlight.com | Version:PLM_EN_2026V2



PERLIGHT SOLAR
Powering Possibilities



*400mm mounting holes are only suitable for 6005-T6 aluminum frame



Perlight Partners

Electrical Characteristics (STC*)

Power Output (Wp)	645	650	655	660	665
Max Power Tolerance (W)	0-5	0-5	0-5	0-5	0-5
Module Efficiency (%)	20.8	20.9	21.1	21.2	21.4
Voltage Mpp-Vmpp (V)	37.52	37.72	37.91	38.08	38.28
Current Mpp-Impp (A)	17.19	17.23	17.28	17.33	17.37
Voltage Open Circuit-Voc (V)	45.50	45.68	45.87	46.03	46.24
Short Circuit Current-Isc (A)	18.58	18.63	18.68	18.73	18.78

*STC: Irradiance 1000W/m², Environment Temperature 25°C, Air Mass AM 1.5

Electrical Characteristics With 10% Rear Side Power Gain

Power Output (Wp)	710	715	721	726	732
Voltage Mpp-Vmpp (V)	37.52	37.72	37.91	38.08	38.28
Current Mpp-Impp (A)	18.91	18.95	19.01	19.06	19.11
Voltage Open Circuit-Voc (V)	45.50	45.68	45.87	46.03	46.24
Short Circuit Current-Isc (A)	20.44	20.49	20.55	20.60	20.66

*Rear side power gain: The additional gain from the rear side compared to the power of the front side at the standard test condition. It depends on mounting (structure, height, tilt angle etc.) and albedo of the ground

Electrical Characteristics (NMOT*)

Power Output (Wp)	495.51	499.35	503.19	507.03	510.88
Voltage Mpp-Vmpp (V)	34.20	34.39	34.55	34.71	34.90
Current Mpp-Impp (A)	14.49	14.52	14.56	14.61	14.64
Voltage Open Circuit-Voc (V)	42.01	42.18	42.35	42.50	42.69
Short Circuit Current-Isc (A)	15.80	15.84	15.88	15.92	15.97

*NMOT: Irradiance 800W/m², Environment Temperature 20°C, Air Mass AM 1.5.

Mechanical Data

Dimensions Of Module	2384×1303×35mm(L×W×H)
Weight	38Kg
Front / Back Glass	2.0mm heat strengthened glass
Cable	4.0 mm² / 300mm or Customized Length
Junction Box	IP 68, 3 Bypass-Diodes
Connector	MC4 Compatible

Packaging Configuration

Loading Capacity	558 pcs / 40'HQ
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Working Conditions

Max System Voltage (VDC)	1500V
Max Series Fuse Rating	35A
Maximum Load Capacity	Snow 5400Pa / Wind 2400Pa
Operating Temperature	-40°C ~ +85°C
Safety Class	II
Power Bifaciality	70±5%

Temperature Ratings

Temperature Coefficient of Isc (%/°C)	+0.026
Temperature Coefficient of Voc (%/°C)	-0.272
Temperature Coefficient of Pmpp (%/°C)	-0.353
NMOT	45±2°C

Specifications included in this datasheet are subject to change without notice.