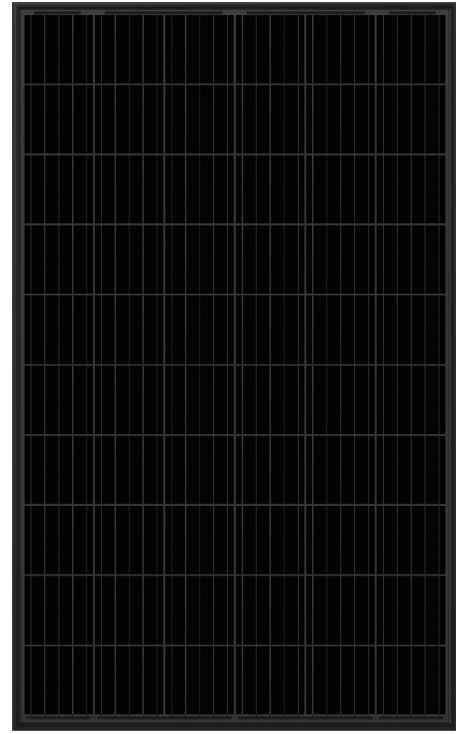


Grand Black

DH-M860B 310-330W

Full Black Mono PERC Module



Advanced processing techniques realize great module efficiency to a maximum of 19.6%, steady power output guaranteed



0~+5W Positive tolerance delivers higher output reliability



Excellent performance even under low-light settings, such as dawn, dusk and cloudy day

PID

Advanced cell technology and qualified materials lead to high resistance to PID

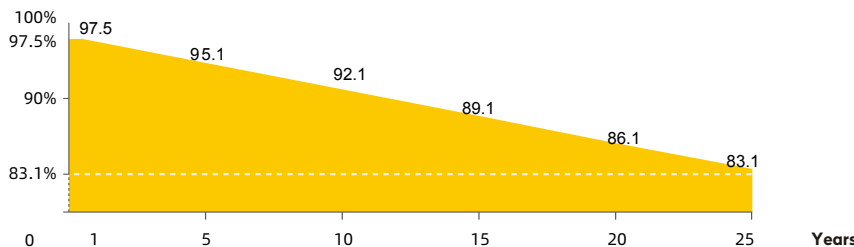


Excellent mechanical load resistance: wind loads (2400Pa) & snow loads (5400Pa)



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

LINEAR PERFORMANCE WARRANTY



Product Material & Workmanship

12 YEAR WARRANTY

Linear Performance

25 YEAR WARRANTY



LISTED

[PHOTOVOLTAGIC MODULE OVER 600 VOLTS]
UL File No. E515622



DH-M860B 310-330W

Full Black Mono PERC Module

ELECTRICAL DATA (STC)

Peak Power Watts- P_{MAX} (Wp)*	310	315	320	325	330
Power Output Tolerance- P_{MAX} (W)	0 ~ +5				
Maximum Power Voltage- V_{MPP} (V)	33.0	33.2	33.4	33.6	33.8
Maximum Power Current- I_{MPP} (A)	9.39	9.59	9.58	9.67	9.76
Open Circuit Voltage- V_{OC} (V)	39.9	40.1	40.3	40.4	40.7
Short Circuit Current- I_{SC} (A)	10.00	10.1	10.30	10.40	10.50
Module Efficiency η_m (%)	18.4	18.7	19.0	19.3	19.6

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5.
*Measuring tolerance: ±3%.

ELECTRICAL DATA (NMOT)

Maximum Power- P_{MAX} (Wp)	234	238	242	246	250
Maximum Power Voltage- V_{MPP} (V)	31.0	31.2	31.4	31.6	31.7
Maximum Power Current- I_{MPP} (A)	7.55	7.64	7.71	7.79	7.86
Open Circuit Voltage- V_{OC} (V)	37.6	37.8	38.0	38.1	38.3
Short Circuit Current- I_{SC} (A)	8.07	8.15	8.22	8.30	8.38

NMOT: Irradiance at 800W/m², Ambient Temperature 20°C, Wind Speed 1m/s.

MECHANICAL DATA

Solar Cells	Monocrystalline
Cell Orientation	60 cells
Module Dimensions	1665 x 1002 x 35mm (65.55×39.45×1.38 inch)
Weight	18.5 kg (40.82 lbs)
Front Glass	3.2mm, High Transmission, AR Coated Heat Strengthened Glass
Frame	35mm Anodized Aluminium Alloy
J-Box	IP 68 rated
Output Cable	4mm ² , 300mm in length, length can be customized

WARRANTY

12 year Product Workmanship Warranty

25 year Linear Power Warranty

(Please refer to product warranty for details)

PACKAGING CONFIGURATION

Modules per 40' container: 858 pieces

TEMPERATURE RATINGS

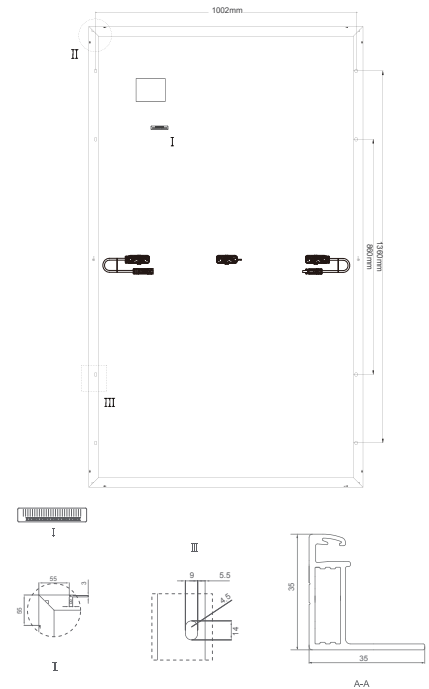
NMOT(Nominal Module Operating Temperature)	45°C (±2°C)
Temperature Coefficient of P_{MAX}	- 0.36%/°C
Temperature Coefficient of V_{OC}	- 0.26%/°C
Temperature Coefficient of I_{SC}	0.04%/°C

(Do not connect Fuse in Combiner Box with two or more strings in parallel connection)

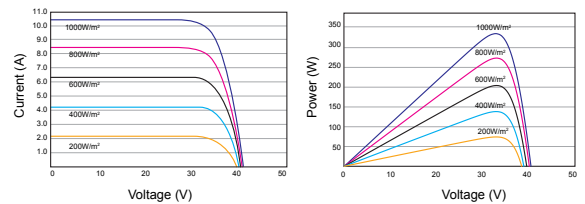
MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC (IEC)
	1500V DC (UL)
Max Series Fuse Rating	20A

DIMENSIONS OF PV MODULE (mm)



I-V AND P-V CURVES (335W)



* The specification and key features described in this datasheet may deviate slightly and are not guaranteed. Due to ongoing innovation, R&D enhancement, Dehui Solar reserves the right to make any adjustment to the information described herein at any time without notice. Please always obtain the most recent version of the datasheet which shall be duly incorporated into the binding contract made by the parties governing all transactions related to the purchase and sale of the products described herein.