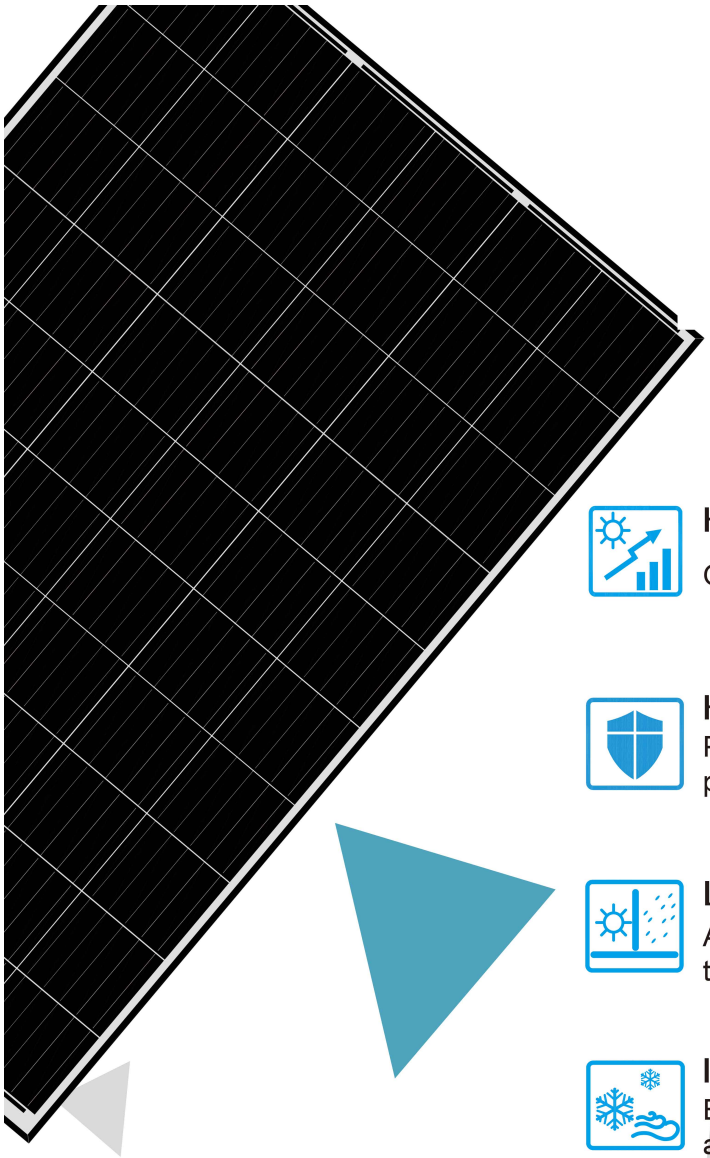


Mono PERC

WH60 305W-325W

High Conversion Efficiency

Output power up to 325W, conversion efficiency reach 19.6%

High Reliability

Passed 3*IEC new standard test, 12 years warranty on products material, 25years warranty on power output

Low Hot-spot Effect

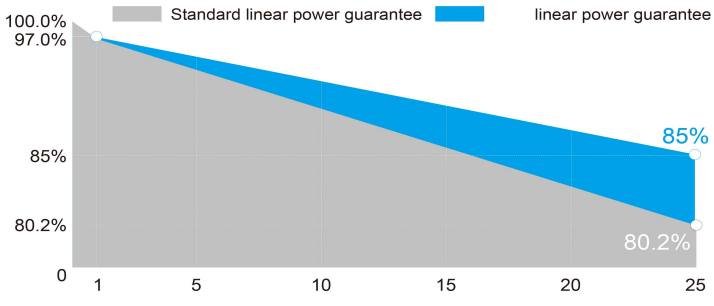
Application of Anti-PID resistant solar cell and the module technique of encapsulation

Intensive Load

Entire module certified to with stand extreme wind(2400pa) and snow loads(5400pa)

Excellent Appearance and Performance

Mature five busbar solar cell, uniform current collection capability, beautiful appearancey



-3.00% First year power degradation

-0.50% Power degradation per year

12 YEAR
Materials and workmanship warranty

25 YEAR
Power linear warranty

Product And Quality Certifications

- IEC 61215, IEC 61730
- ISO 9001:2015 Quality Management System
- ISO 14001:2015 Environmental Management System
- ISO 45001:2018 EHS Management System
- IEC TS 62941:2016 Terrestrial photovoltaic (PV) modules. Guideline for increased confidence in PV module design qualification and type approval

Mono PERC

Electrical Parameters (STC*)

Module Type	WE60P-325	WE60P-320	WE60P-315	WE60P-310	WE60P-305
Nominal Max. Power(Pmax/W)	325	320	315	310	305
Open Circuit Voltage(Voc/V)	40.17	39.96	39.77	39.56	39.36
Short Circuit Current(Isc/A)	10.21	10.13	10.06	9.98	9.91
Operating Voltage(Vmp/V)	33.33	33.09	32.91	32.70	32.48
Operating Current(Imp/A)	9.75	9.67	9.57	9.48	9.39
Module Efficiency(%)	19.6	19.3	19.0	18.7	18.4

STC*(Standard Test Condition): Irradiance 1000W/m², Cell Temperature 25℃, AM1.5

Electrical Parameters (NMOT*)

Module Type	WE60P-325	WE60P-320	WE60P-315	WE60P-310	WE60P-305
Nominal Max. Power(Pmax/W)	239	235	232	228	224
Open Circuit Voltage(Voc/V)	37.16	36.96	36.79	36.59	36.41
Short Circuit Current(Isc/A)	8.23	8.16	8.11	8.04	7.99
Operating Voltage(Vmp/V)	30.64	30.36	30.29	30.08	29.83
Operating Current(Imp/A)	7.80	7.74	7.66	7.58	7.51

NMOT* (Nominal Module Operating Temperature): Irradiance 800W/m², Ambient Temperature 20℃, AM1.5, Wind Speed 1m/s

Mechanical Parameters

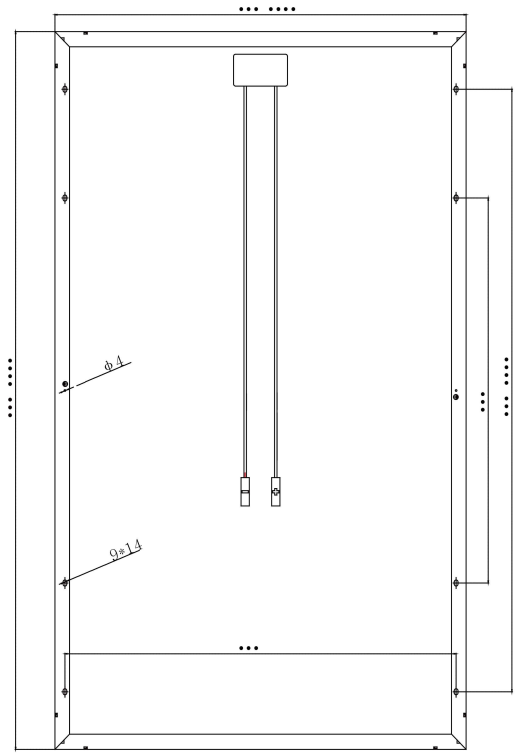
Cell size	Mono PERC 158.75×158.75mm
Module size	1670×1002×35mm(L×W×H)
Glass Thickness	3.2mm
Module Weight	18.2Kg
Output Cable	4mm², cable length 1000mm (can be customized)
Connector	MC4 compatible

Temperature Coefficients

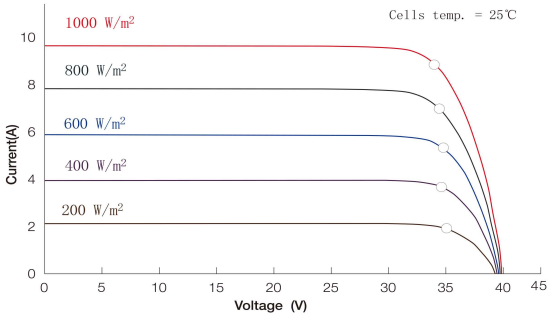
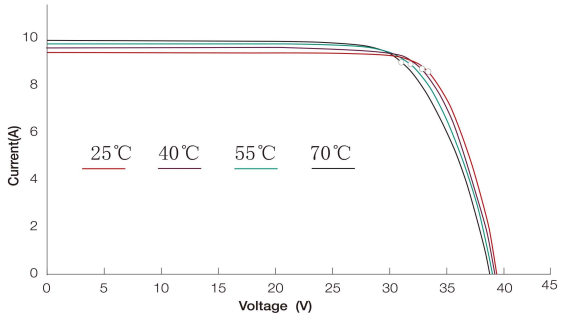
Short Circuit Current(Isc)	+0.057%/℃
Open Circuit Voltage(Voc)	-0.29%/℃
Nominal Max. Power(Pmax	-0.38%/℃
NMOT	45±2℃

Work Environmental Parameters

Max. System Voltage	DC1000V/DC1500V
Power Tolerance	0 ~ +5 W
Operating Temperatue	-40℃ ~ +85℃
Max. Fuse Rated Current	15A
Front Static Load	Snow load 5400Pa, Wind load 2400Pa
Application Classifcation	Class A
Packing Specification	30 pcs/Pallet, 300 pcs/ 20'HQ; 780 pcs/ 40'HQ;



I-V curves under different irradiance degree



I-V curves