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# EnergyPal

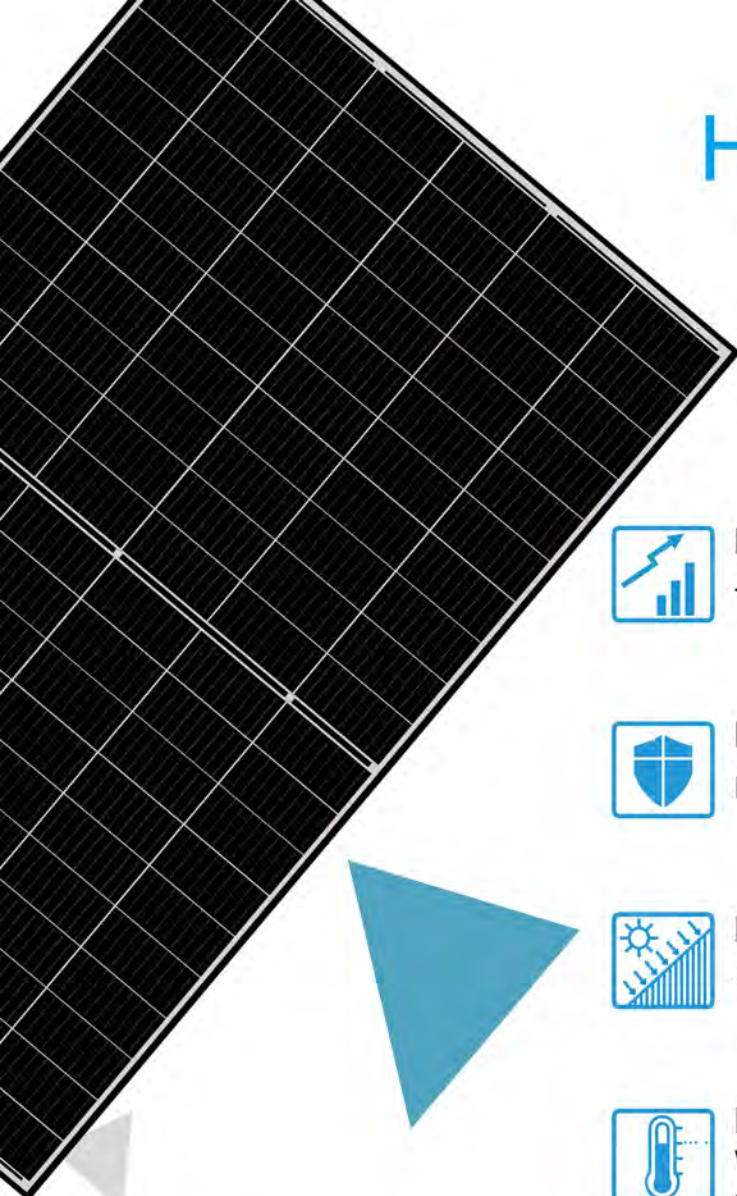
## **Solar Panel Guide Specification Data Sheet**

### **Solarwit 60 cell/335W-345W(Rooftop) WH120P-325**

Also available on the web at  
[EnergyPal.com/solarwit-solar-panels/wh120p-325](http://EnergyPal.com/solarwit-solar-panels/wh120p-325)

# Half Cell Mono PERC

## WH60H 325W-345W



### High Conversion Efficiency

The leading module conversion efficiency, Up to 19.9%



### High Reliability

Passed 3\*IEC standard test



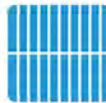
### Low Hot-spot Effect

1/2 current, reduce the hot spot temperature



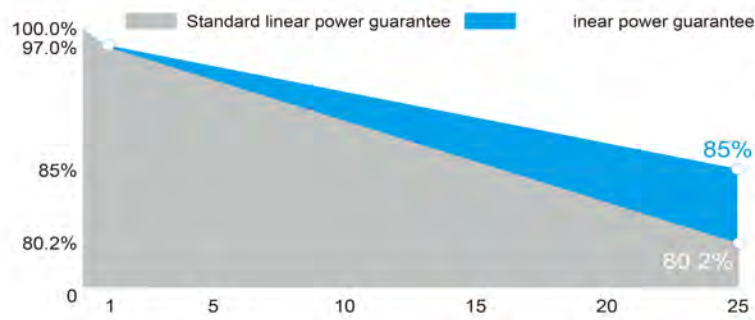
### Low Work Temperature

Work temperature less than 43°C, improve the power generation efficiency



### Half Cell, MBB Technology

Series-then-parallel cell connection design, high reliable welding technology



### 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

-3.00% First year power degradation

-0.50% Power degradation per year



Materials and workmanship warranty



Power linear warranty





# Half Cell Mono PERC

## Electrical Parameters (STC\*)

Module Type	WH120P-345	WH120P-340	WH120P-335	WH120P-330	WH120P-325
Nominal Max. Power(Pmax/W)	345	340	335	330	325
Open Circuit Voltage(Voc/V)	42.07	41.81	41.55	41.29	41.03
Short Circuit Current(Isc/A)	10.22	10.14	10.06	9.98	9.90
Operating Voltage(Vmp/V)	35.27	35.01	34.75	34.49	34.23
Operating Current(Imp/A)	9.80	9.73	9.66	9.59	9.52
Module Efficiency(%)	20.5	20.2	19.9	19.6	19.3

STC\* (Standard Test Condition): Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25 °C, AM1.5

## Electrical Parameters (NMOT\*)

Module Type	WH120P-345	WH120P-340	WH120P-335	WH120P-330	WH120P-325
Nominal Max. Power(Pmax/W)	254	250	246	243	239
Open Circuit Voltage(Voc/V)	38.91	38.67	38.43	38.19	37.95
Short Circuit Current(Isc/A)	8.24	8.17	8.11	8.04	7.98
Operating Voltage(Vmp/V)	32.40	32.13	31.82	31.68	31.36
Operating Current(Imp/A)	7.84	7.78	7.73	7.67	7.62

NMOT\* (Nominal Module Operating Temperature): Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20 °C, AM1.5, Wind Speed 1m/s

## Mechanical Parameters

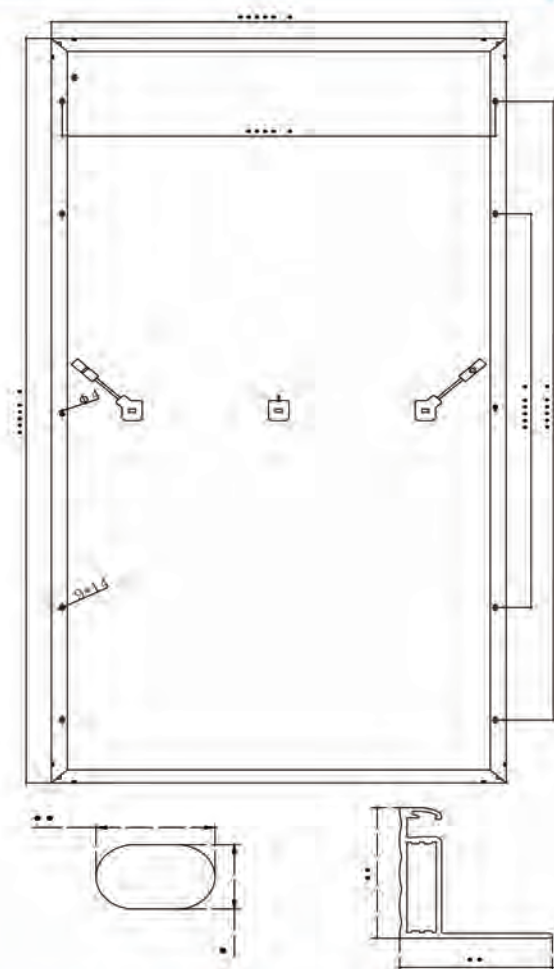
Cell size	Mono PERC 158.75×79.375mm
Module size	1685×1002×40mm(L×W×H)
Glass Thickness	3.2mm
Module Weight	18.6Kg
Output Cable	4mm <sup>2</sup> , cable length 300mm (can be customized)
Connector	MC4 compatible

## Temperature Coefficients

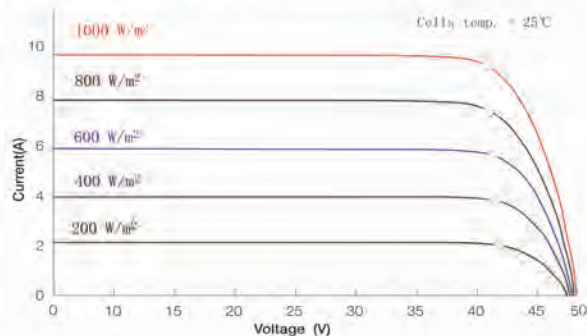
Short Circuit Current(Isc)	+0.048%/°C
Open Circuit Voltage(Voc)	-0.31%/°C
Nominal Max. Power(Pmax)	-0.38%/°C
NMOT	43±2°C

## Work Environmental Parameters

Max. System Voltage	DC1000V/DC1500V
Operating Temperature	-40°C ~ +85°C
Max. Fuse Rated Current	15A
Front Static Load	Snow load 5400Pa, Wind load 2400Pa
Application Classification	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

