

**For a Free Quote:**

**Web: [EnergyPal.com/solar](http://EnergyPal.com/solar)**

**Call: 1-800-990-3725**

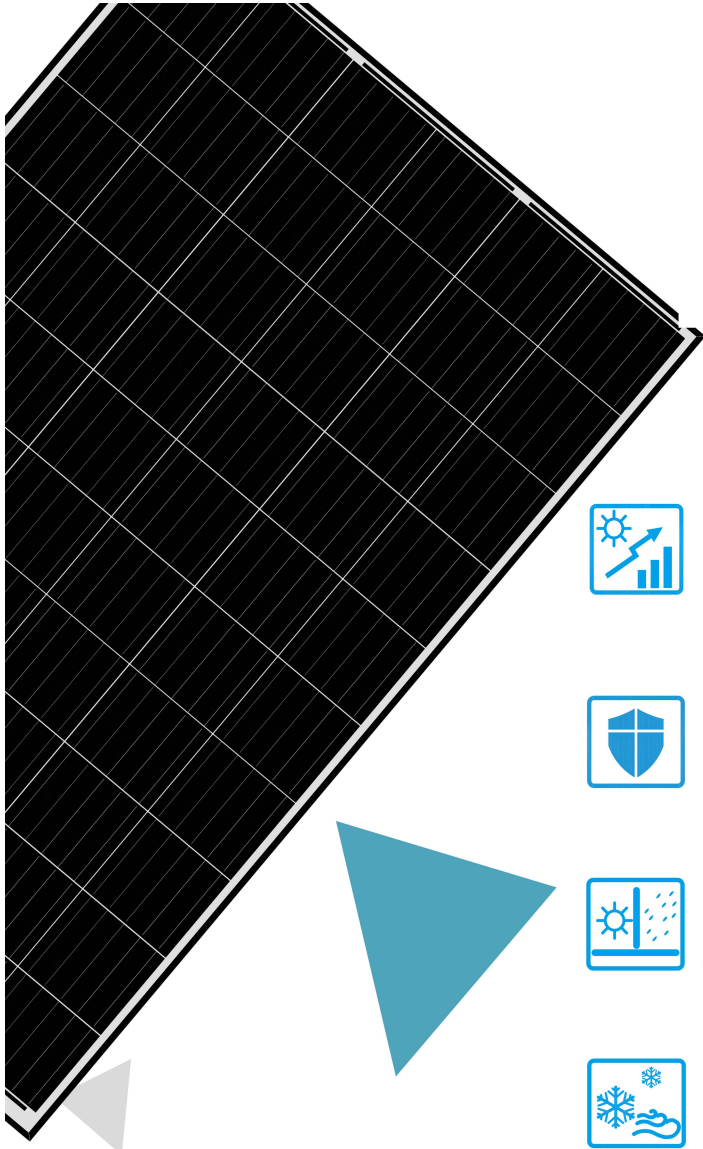
**Email: [contact@energypal.com](mailto:contact@energypal.com)**

# **EnergyPal**

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

### **Solarwit 60 cell /315W-325W(Rooftop) WE60P-325**

Also available on the web at  
[EnergyPal.com/solarwit-solar-panels/we60p-325](http://EnergyPal.com/solarwit-solar-panels/we60p-325)



# 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



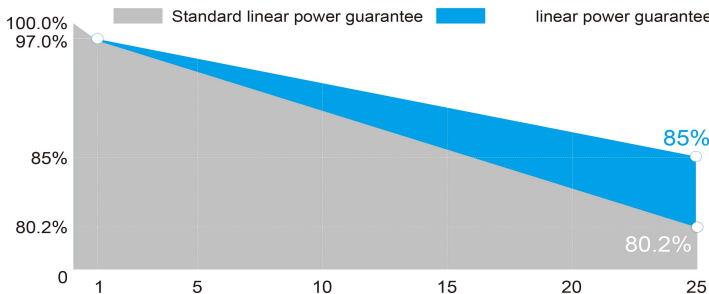
### Intensive Load

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 appearance



### 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



# 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/m<sup>2</sup>, Cell Temperature 25°C, 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/m<sup>2</sup>, Ambient Temperature 20°C, AM1.5, Wind Speed 1m/s

## Mechanical Parameters

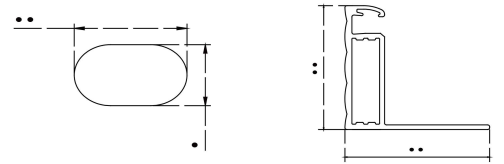
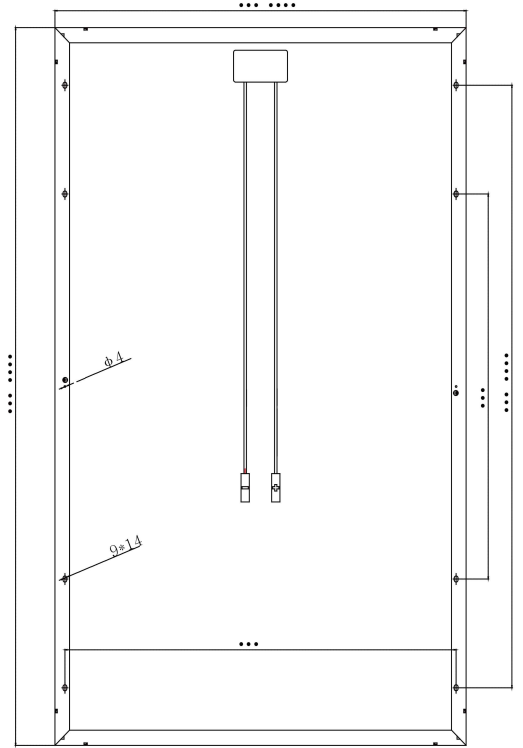
Cell size	Mono PERC 158.75×158.75mm
Module size	1670×1002×35mm(L×W×H)
Glass Thickness	3.2mm
Module Weight	18.2Kg
Output Cable	4mm <sup>2</sup> , cable length 1000mm (can be customized)
Connector	MC4 compatible

## Temperature Coefficients

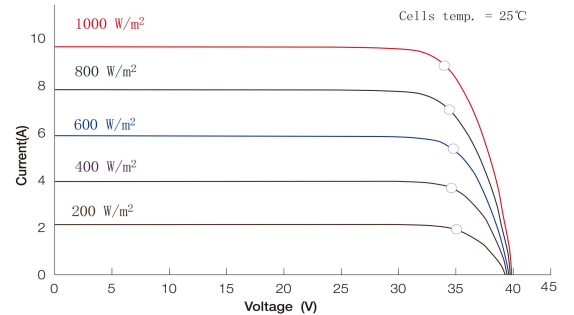
Short Circuit Current(Isc)	+0.057%/°C
Open Circuit Voltage(Voc)	-0.29%/°C
Nominal Max. Power(Pmax)	-0.38%/°C
NMOT	45±2°C

## Work Environmental Parameters

Max. System Voltage	DC1000V/DC1500V
Power Tolerance	0 ~ +5 W
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

