

# DH-60P/265-285

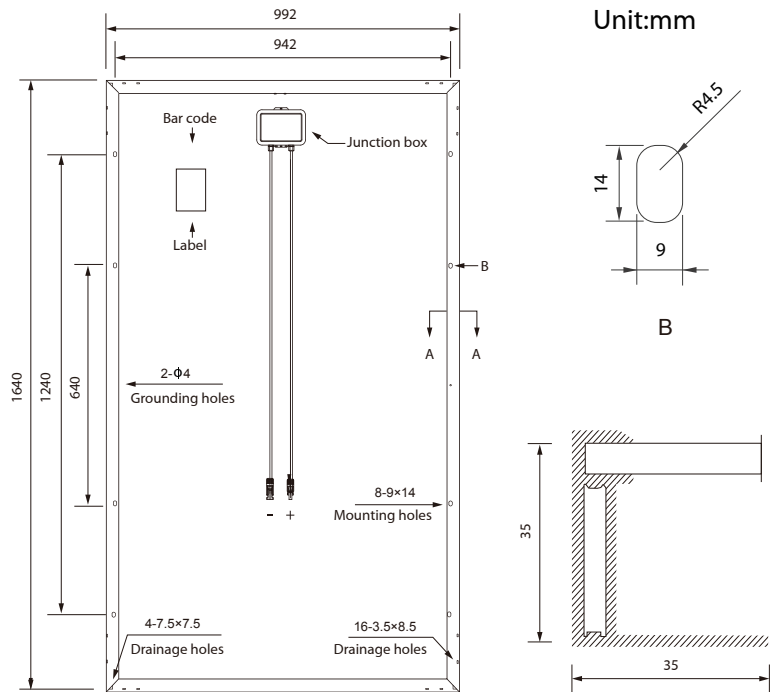
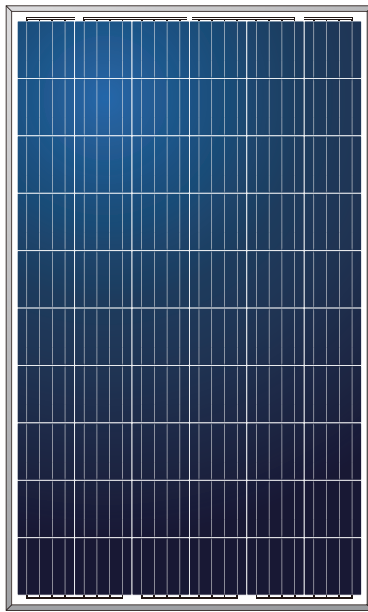
## Polycrystalline Silicon Module

**DEHUI**SOLAR  
S H A R E V A L U E

**Factory Add:** Lot H2-1-5 and Lot H2-1-6. Dai Dong-Hoan Son Industrial Park, Bac Ninh Province, Vietnam

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**Germany office:** Sebastian-Kneipp-Str.41 60439 Frankfurt



### Key Features

The latest technology and automatic equipment

High power output and highest conversion efficiency of 17.44%

Withstand wind loads up to 2400Pa and snow loads up to 5400Pa

Outstanding performance in low-light irradiance environments

12-years  
product warranty

30-years 80% linear  
power output warranty

Positive power  
tolerance of 0~+5W

100% EL  
double inspection



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## MECHANICAL PARAMETERS

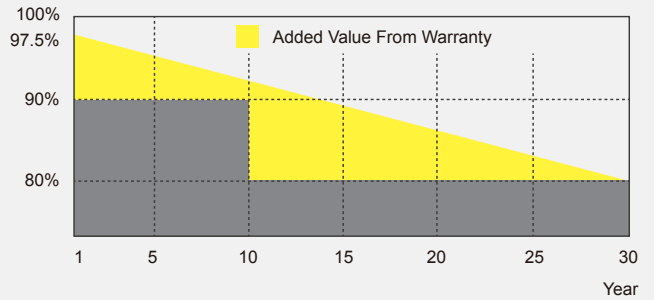
Number of Cells	60 (6x10)
Weight (kg)	18
Dimensions (LxWxH) (mm)	1640x992x35
Cable Cross Section Size (mm <sup>2</sup> )	4
Junction Box	IP67, 3 diodes
Connector	MC4 Compatible
Packaging Configuration	30 Per Pallet

## WORKING CONDITIONS

Maximum System Voltage	DC 1000V (IEC)
Operating Temperature	-40°C ~ +85°C
Maximum Series Fuse	15A
Maximum Static Load, Front (e.g., snow and wind)	5400 Pa (112lb/ft <sup>2</sup> )
Maximum Static Load, Back (e.g., wind)	2400 Pa (50lb/ft <sup>2</sup> )
NOCT	45±2°C
Application Class	Class A

## SUPERIOR WARRANTY

- 12-year product warranty
- 30-year linear power output warranty



## ELECTRICAL PARAMETERS

TYPE	DH-60P-265	DH-60P-270	DH-60P-275	DH-60P-280	DH-60P-285
Rated Maximum Power at STC (W)	265	270	275	280	285
Open Circuit Voltage (Voc/V)	37.95	38.17	38.38	38.60	38.72
Maximum Power Voltage (Vmp/V)	30.92	31.13	31.34	31.55	31.76
Short Circuit Current (Isc/A)	9.11	9.18	9.29	9.40	9.51
Maximum Power Current (Imp/A)	8.57	8.67	8.77	8.87	8.97
Module Efficiency (%)	16.21	16.51	16.82	17.13	17.44
Power Tolerance (W)	0~+5W				
Temperature Coefficient of Isc (αIsc)	+0.058%/°C				
Temperature Coefficient of Voc (βVoc)	-0.330%/°C				
Temperature Coefficient of Pmax (γPmp)	-0.410%/°C				
STC	Irradiance 1000W/m <sup>2</sup> , Cell Temperature 25°C, Air Mass 1.5				

## NOCT

TYPE	DH-60P-265	DH-60P-270	DH-60P-275	DH-60P-280	DH-60P-285
Max Power (Pmax/W)	192.39	196.02	199.65	203.28	206.91
Open Circuit Voltage (Voc/V)	34.84	35.15	35.46	35.77	36.08
Max Power Voltage (Vmp/V)	28.29	28.49	28.68	28.88	30.08
Short Circuit Current (Isc/A)	7.13	7.17	7.23	7.29	7.35
Max Power Current (Imp/A)	6.80	6.88	6.96	7.04	7.12
Condition	Under Normal Operating Cell Temperature, Irradiance of 800 W/m <sup>2</sup> , spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s				

## I-V CURVE

