

DH-60P/265-285

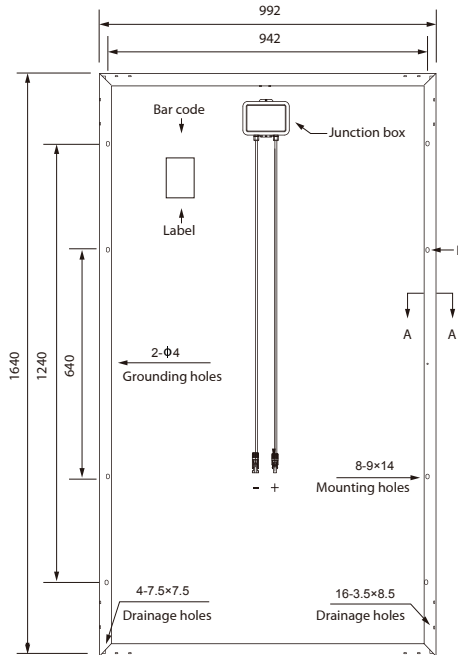
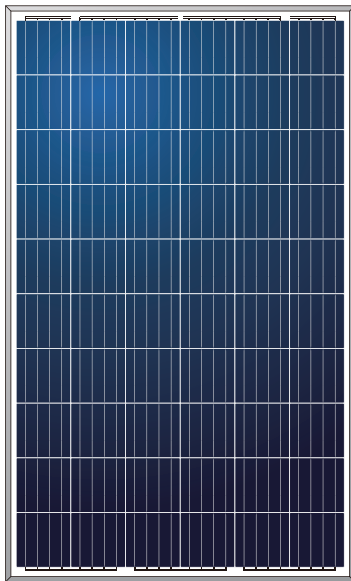
Polycrystalline Silicon Module

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SHARE VALUE

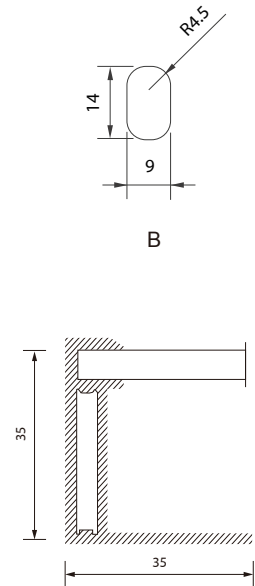
Factory Add: Lot H2-1-5 and Lot H2-1-6. Dai Dong-Hoan Son Industrial Park, Bac Ninh Province, Vietnam

China Office: 28 Floor, Building 1, Hang Lung Plaza, Wuxi, Jiangsu

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



Unit:mm



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



Tel: +86 510 88559088

Fax: +86 510 88156008

Email: sales@dehui-solar.com

Web: www.dehui-solar.com

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MECHANICAL PARAMETERS

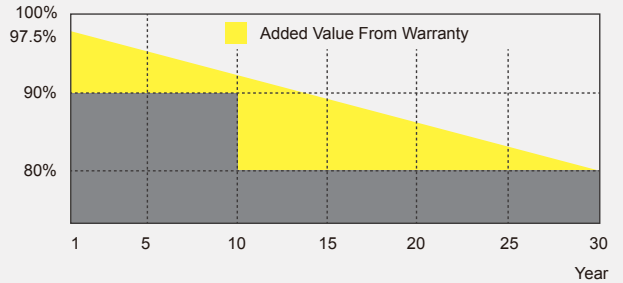
| | |
|---|----------------|
| Number of Cells | 60 (6x10) |
| Weight (kg) | 18 |
| Dimensions (LxWxH) (mm) | 1640x992x35 |
| Cable Cross Section Size (mm ²) | 4 |
| Junction Box | IP67, 3 diodes |
| Connector | MC4 Compatible |
| Packaging Configuration | 30 Per Pallet |

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 ²) |
| Maximum Static Load, Back (e.g., wind) | 2400 Pa (50lb/ft ²) |
| 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 ² , 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/m², spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s

I-V CURVE

