

DH-60P/265-285

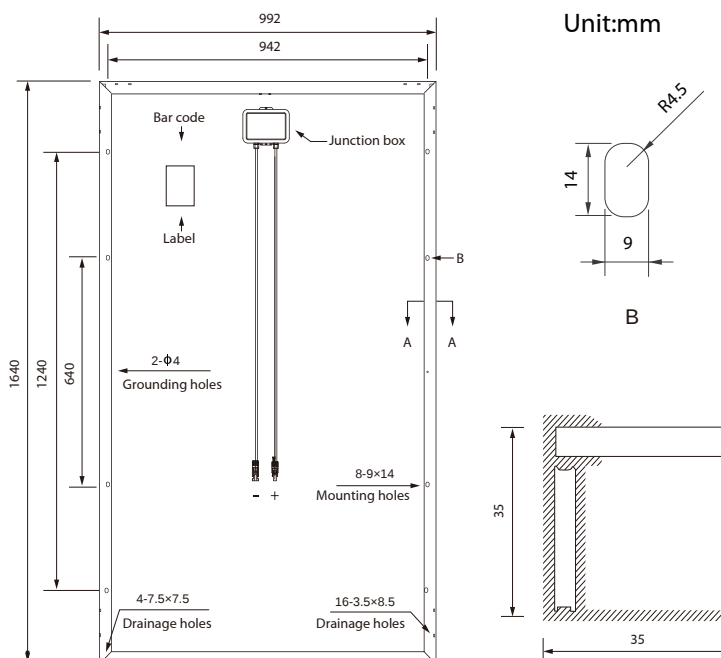
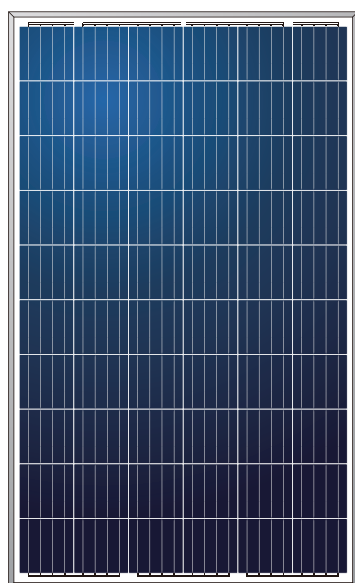
Polycrystalline Silicon Module

DEHUISOLAR
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

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

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



Key Features

The latest technology and automatic equipment

High power output and highest conversion efficiency of 17.52%

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 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

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)	38.20	38.50	38.70	39.00	39.30
Maximum Power Voltage (Vmp/V)	31.00	31.30	31.70	32.00	32.30
Short Circuit Current (Isc/A)	9.03	9.08	9.16	9.24	9.29
Maximum Power Current (Imp/A)	8.56	8.63	8.69	8.76	8.83
Module Efficiency (%)	16.29	16.60	16.90	17.21	17.52
Power Tolerance (W)	0~+5W				
Temperature Coefficient of Isc (αIsc)	+0.050%/°C				
Temperature Coefficient of Voc (βVoc)	-0.300%/°C				
Temperature Coefficient of Pmax (γPmp)	-0.390%/°C				
STC	Irradiance 1000W/m ² , Cell Temperature 25°C, Air Mass 1.5				

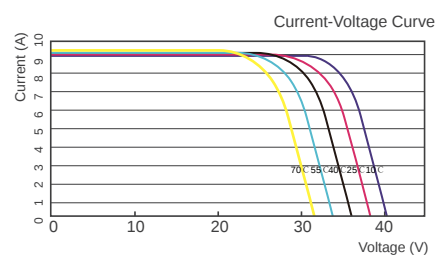
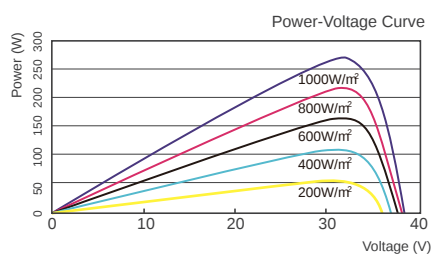
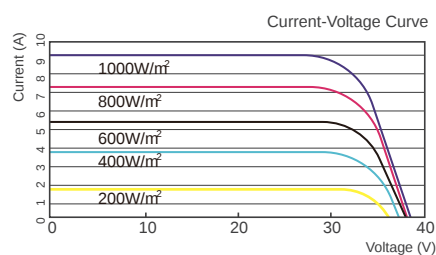
NOCT

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



SUPERIOR WARRANTY

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

