

DH-DG-M60T/60W

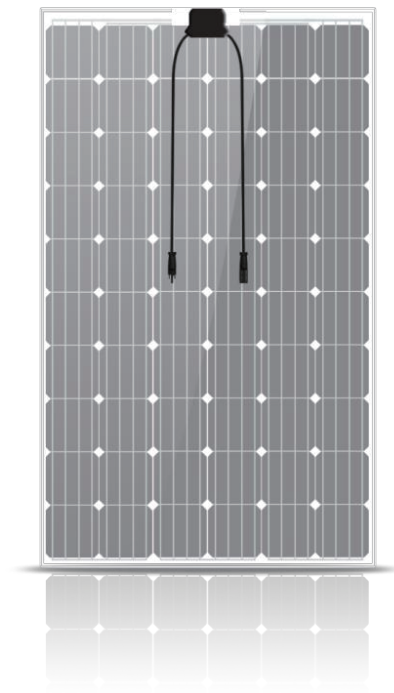
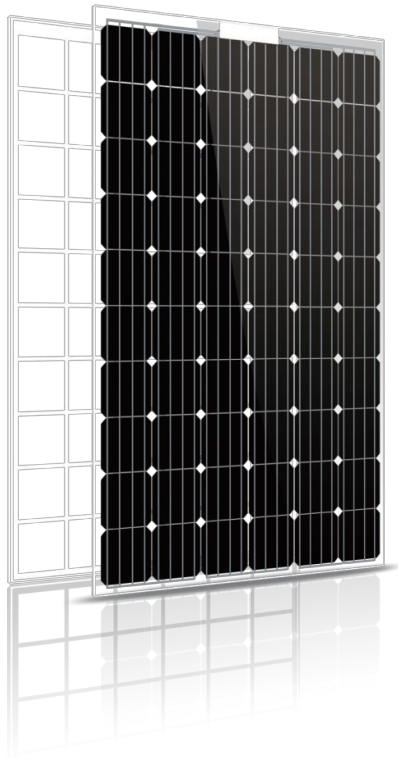
DEHUISOLAR
S H A R E V A L U E

High Efficiency Dual Glass Module

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

Potential induced degradation (PID) free guaranteed

Lower attenuation rate

Excellent weather resistance

Frameless design, no dust trapped on the edge

Better thermal dissipation

60 cells
Monocrystalline

280-300W
Power Output

2mm+2mm
Thickness

19.6 kg
Weight

18.2%
Max efficiency



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ELECTRICAL SPECIFICATION (STC)

Module	DH-DG-M60T-280 DH-DG-M60W-280	DH-DG-M60T-285 DH-DG-M60W-285	DH-DG-M60T-290 DH-DG-M60W-290	DH-DG-M60T-295 DH-DG-M60W-295	DH-DG-M60T-300 DH-DG-M60W-300
Rated Power (Pmpp)	280W	285W	290W	295W	300W
Rated Current (Impp)	8.81A	8.89A	8.94A	8.99A	9.07A
Rated Voltage (Vmpp)	31.79V	32.06V	32.44V	32.82V	33.08V
Short Circuit Current (Isc)	9.28A	9.34A	9.45A	9.51A	9.64A
Open Circuit Voltage (Voc)	39.15V	39.21V	39.65V	39.84V	40.01V
Efficiency	17.0%	17.3%	17.6%	17.9%	18.2%

MECHANICAL SPECIFICATION

Cell Type	Perc Mono-crystalline
Cell Dimension	156.75mm × 156.75mm
Module Dimension	1662mm × 990mm × 5mm (J-box not included)
Weight	19.6kg
Front Glass	2mm tempered AR glass
Encapsulant	POE
Back Glass	2mm tempered glass / 2mm ceramic coated glass
Junction Box	IP67 (three bypass diodes)
Cable	4.0mm ²
Connector	LCS-R1 (MC4 equivalent)

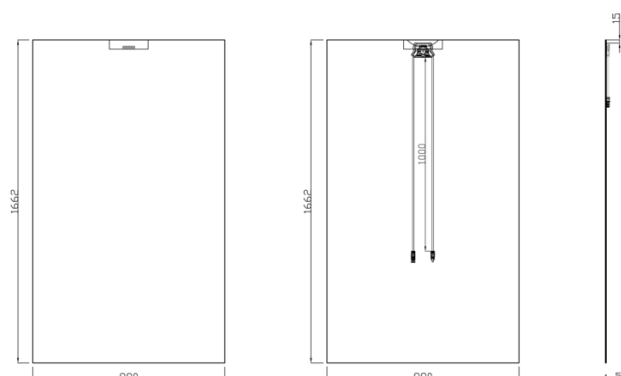
TEMPERATURE COEFFICIENT

Nominal Operating Cell Temperature	NOCT	°C	45±2
Temperature Coefficient of Isc	α	%/°C	+0.034
Temperature Coefficient of Voc	β	%/°C	-0.30
Temperature Coefficient of Pmpp	γ	%/°C	-0.40

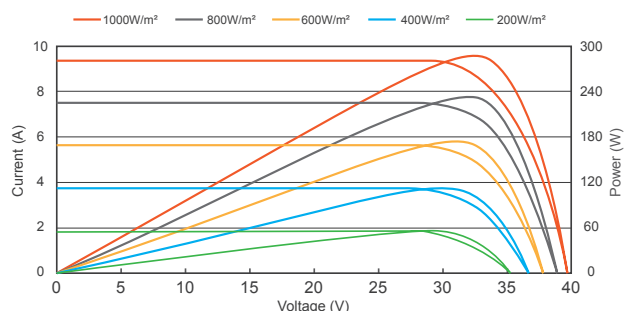
LIMITS

Operational Temperature	°C	-40~+85
Maximum Static Load	Pa	5400
Maximum Wind Load	Pa	2400
Maximum System Voltage	V(DC)	IEC:1000
Maximum Series Fuse Rating	A	15

DIMENSION(mm)



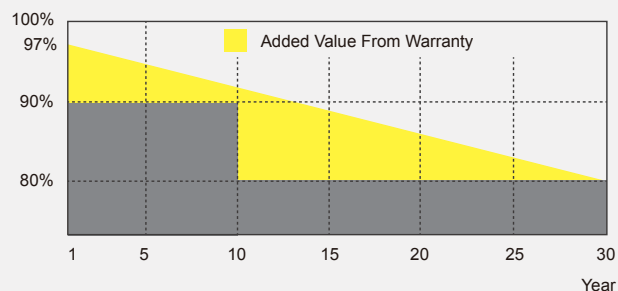
I-V&P-V curve(DH-DG-M60T/60W)



Excellent performance at 200W/m²(AM 1.5, 25°C); the conversion efficiency could be 96.9% of STC

SUPERIOR WARRANTY

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



Packaging Configuration

Modules per box: 38 pieces
Modules per 40' container: 988 pieces