

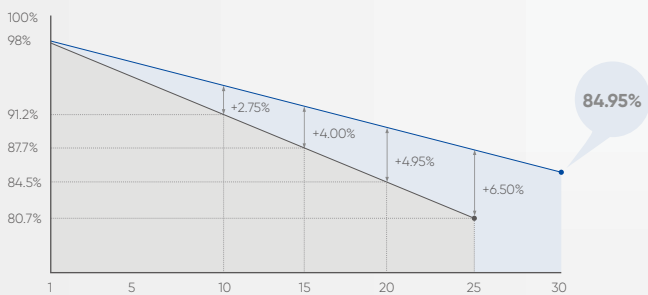
# EVO6

## 650-670W

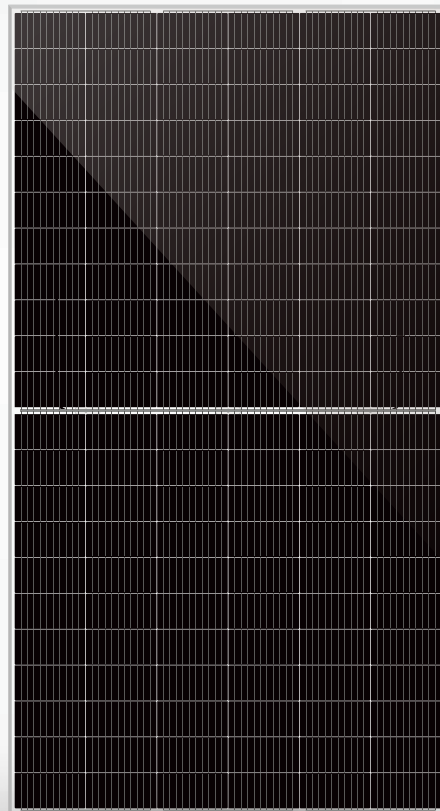
### Bifacial Dual Glass Monocrystalline Module

#### Quality Guarantee

12-Year Warranty for Materials and Processing  
30-Year Warranty for Extra Linear Power Output



\* Please refer to SunEvo standard warranty for details



SE6-66HBD

#### High Power up to 670W

Large area cells based on 210mm silicon wafers,  
High module efficiency with high density interconnect technology

#### High Energy Yield

Up to 25% additional power gain from back side,  
Excellent low irradiation performance

#### High Reliability

Resistant to harsh environments such as salt, ammonia, sand,  
high temperature and high humidity areas

#### High Customer Value

Lowest guaranteed first year and annual degradation,  
Compatible with existing mainstream system components

#### Complete System and Product Certifications

IEC 61215, IEC 61730, UL 61730

ISO 9001: 2015: ISO Quality Management System

ISO 14001: 2015: ISO Environment Management System

ISO 45001: 2018: Occupational Health and Safety



## Mechanical Data

Number of Cells	132 Cells (6x22)
Dimensions of Module L*W*H	2384 x 1303 x 35mm
Weight	38.2kg
Front Side Glass	High transparency solar glass 2.0mm
Back Side Glass	High transparency solar glass 2.0mm
Frame	Black/Silver, anodized aluminium alloy
Junction Box	IP68 Rated, 3 Diodes
Cable	4.0mm <sup>2</sup> , Portrait: 350mm / Landscape: 1400mm
Wind/Snow Load	2400Pa/5400Pa*
Connector	MC Compatible
Bifaciality	75±5%

\* Please check the installation manual for more details

## Electrical Specification (STC\*)

Maximum Power (Pmax/W)	650	655	660	665	670
Maximum Power Voltage (Vmp/V)	37.60	37.80	38.00	38.20	38.4
Maximum Power Current (Imp/A)	17.29	17.33	17.37	17.41	17.45
Open Circuit Voltage (Voc/V)	45.40	45.60	45.80	46.00	46.20
Short Circuit Current (Isc/A)	18.21	18.26	18.31	18.36	15.41
Module Efficiency (%)	20.9	21.1	21.2	21.4	21.6
Power Output Tolerance (W)	0~+5				

\* Irradiance 1000W/m<sup>2</sup>, Cell Temperature 25°C, Air Mass 1.5

## Electrical Specification (NMOT\*)

Maximum Power (Pmax / W)	491.8	495.6	499.4	503.1	506.9
Maximum Power Voltage (Vmp / V)	35.08	35.26	35.45	35.64	35.82
Maximum Power Current (Imp / A)	14.02	14.05	14.09	14.12	14.15
Open Circuit Voltage (VOC / V)	42.77	42.96	43.14	43.33	43.52
Short Circuit Current (Isc / A)	14.68	14.72	14.76	14.80	14.84

\* Irradiance 800W/m<sup>2</sup>, Ambient Temperature 20°C, Wind Speed 1m/s

## Maximum Ratings

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC
Max Series Fuse Rating	35A

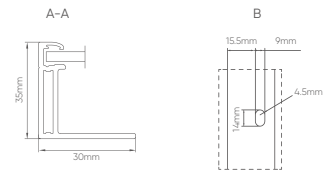
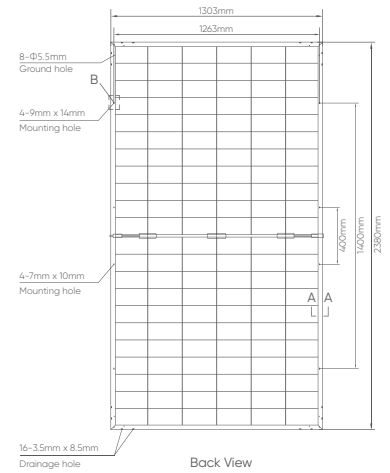
## Temperature Ratings

NMOT (Nominal Module Operating Temperature)	42±2°C
Temperature Coefficient of Isc	+0.05%/°C
Temperature Coefficient of Voc	-0.28%/°C
Temperature Coefficient of Pmax	-0.35%/°C

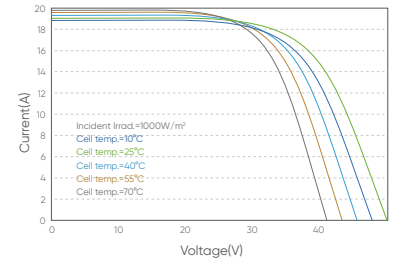
## Packaging Configuration

Module per Box	31 pieces
Module per 40' Container	558 pieces

## Module Dimension



I-V Curve at Different Temperature (670W)



I-V/P-V Curve at Different Temperature (670W)

