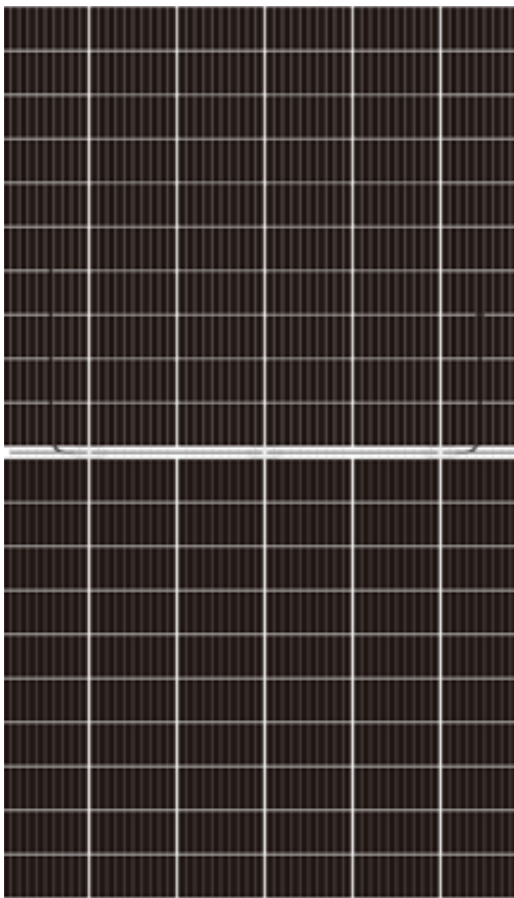


Sunova Solar Panels

HI-GILO Series
 SS-BG670-66MDH-G12
655-670Wp



Nominal Power: 655-670Wp



Wind/Snow Load: 2400/5400Pa



Dimension: 2384 x 1303 x 35mm



Efficiency: Up to 21.6 %

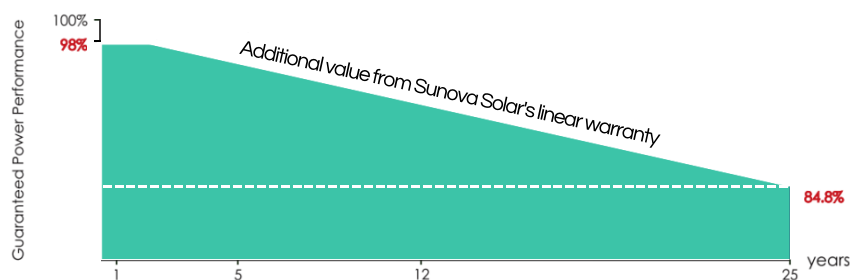


Maximum System Voltage: 1500 V



Weight: 38.5 kg

Linear Performance Warranty



25 Years

Linear power
guarantee

15 Years

Product quality
&
process guarantee

0.55 %

Annual
Degradation
Over 25 years

Comprehensive Certificates

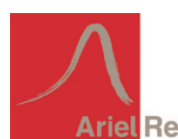


ISO 9001: Quality Management System

ISO 14001: Environmental Management System Standard

OHSAS 18001: International Occupational Health and Safety Assessment System Standard

Performance Insurance



中国平安

PING AN
P & C INSURANCE CO CN SZN

Electric Characteristics

Model of modules	SS-BG655-66MDH-G12		SS-BG660-66MDH-G12		SS-BG665-66MDH-G12		SS-BG670-66MDH-G12	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power — P_{mp} (W)	655	495	660	498	665	502	670	506
Open-circuit voltage — V_{oc} (V)	45.65	42.94	45.87	43.12	46.04	43.31	46.26	43.53
Short-circuit current — I_{sc} (A)	18.50	15.04	18.55	15.06	18.61	15.08	18.64	15.13
Maximum power voltage — V_{mp} (V)	37.67	35.02	37.88	35.17	38.05	35.38	38.24	35.59
Maximum power current — I_{mp} (A)	17.39	14.14	17.43	14.16	17.48	14.19	17.53	14.22
Module efficiency — η_m (%)	21.1%		21.2%		21.4%		21.6%	

STC (Standard Testing Conditions): Irradiance 1000W/m² , Cell Temperature 25 °C , Spectra at AM1.5

NOCT (Nominal Operating Cell Temperature): Irradiance 800W/m² , Ambient Temperature 20°C , Spectra at AM1.5, Wind at 1m/s

Electrical Characteristics with Different Power Bin (Reference to 10% Irradiance Ratio)

Maximum power — P_{mp} (W)	701	706	712	717
Open-circuit voltage — V_{oc} (V)	45.65	45.87	46.04	46.26
Short-circuit current — I_{sc} (A)	19.80	19.83	19.92	19.95
Maximum power voltage — V_{mp} (V)	37.67	37.88	38.05	38.24
Maximum power current — I_{mp} (A)	18.61	18.64	18.72	18.76
Irradiance ratio (rear/front)	10%			

Structural Characteristics

Module size (L*W*H)	2384 x 1303 x 35 mm
Weight	38.5 kg
Number of cells	132 cells
Cell	PERC Monocrystalline 210x105 mm
Glass	2.0 mm High Transmission, Antireflection Coating
Frame	Anodized aluminum alloy
Junction box	IP68, 3 bypass diodes
Output wire	4.0 mm ²
Wire length	300 mm or Customized Length
Connector	MC4 Compatible
Packing Specification	31 pcs/Pallet; 558 pcs/40'HQ

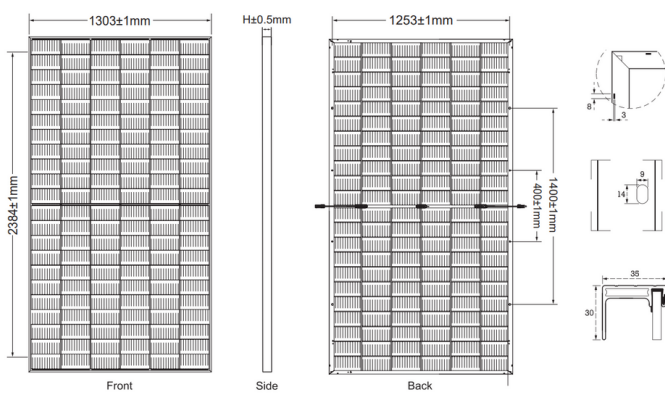
Temperature Performance Ratings

Temperature coefficient (P_{max})	-0.34%/°C
Temperature coefficient (V_{oc})	-0.25 %/°C
Temperature coefficient (I_{sc})	+0.04 %/°C
Nominal operating cell temperature	43±2 °C

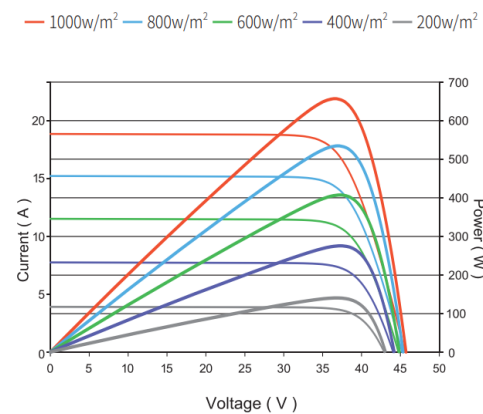
Operating Parameters

Power tolerance (W)	(0,+5)
Maximum system voltage (V)	1500
Maximum rated fuse current (A)	35
Current operating temperature (°C)	-40~+85 °C
Mechanical load	5400 Pa / 2400 Pa

Module Dimensions (mm)



Current-Voltage & Power-Voltage Curves (450W)



Temperature Dependence of I_{sc} , V_{oc} , P_{max}

