

# HOSUN

## DUAL GLASS

BACK CONTACT  
SOLAR MODULE

**HO-Max**

**655 – 690W**

HOSUN-A-GRH66DW

Full-Screen

**10**  
YEARS

Product Warranty

**20**  
YEARS

Performance Guarantee



Partial Shading  
Optimisation



Better Temperature  
Coefficient



High Temperature  
Restriction



Micro-crack  
Resistance



Higher Power



Lower BOS



More Aesthetic  
Values



Full Screen  
Technology



# 690W

Power Output Up To

# 25.5%

Maximum Efficiency

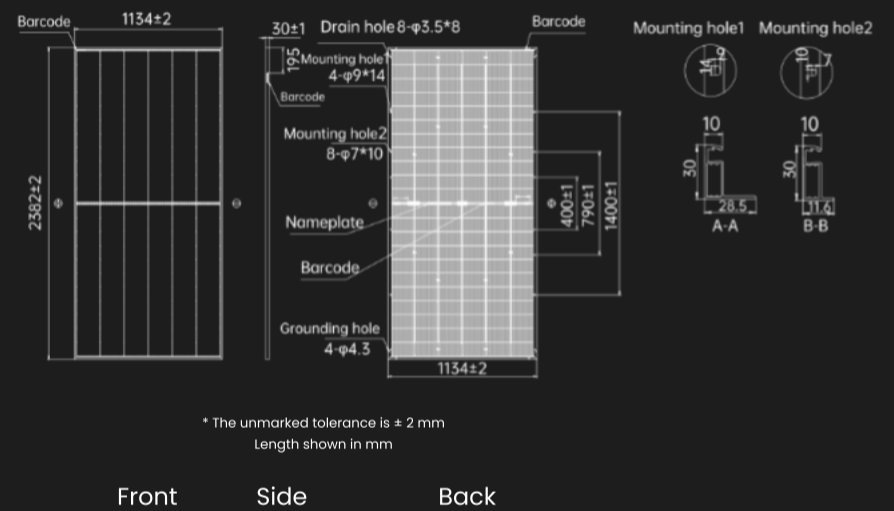
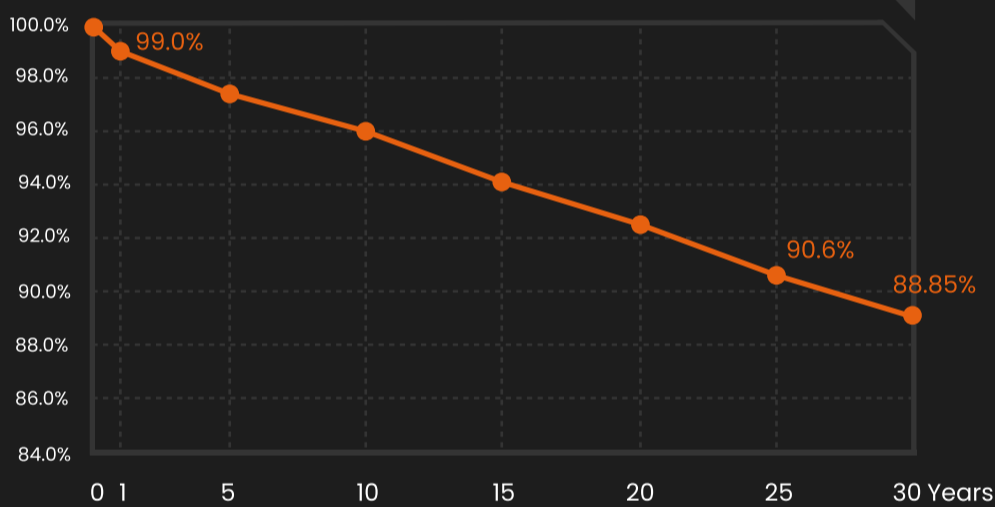
# 20 Years

Performance Guarantee

## Electrical Characteristics (STC: AM1.5 1000W/m<sup>2</sup> 25°C NOCT: AM1.5 800W/m<sup>2</sup> 20°C 1m/s Power Tolerance:0~+3%)

Module Type	HOSUN-A655 -GRH66Dw		HOSUN-A660 -GRH66Dw		HOSUN-A665 -GRH66Dw		HOSUN-A670 -GRH66Dw		HOSUN-A675 -GRH66Dw		HOSUN-A680 -GRH66Dw		HOSUN-A685 -GRH66Dw		HOSUN-A690 -GRH66Dw	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
<b>P<sub>max</sub> [W]</b>	655	499	660	503	665	507	670	511	675	514	680	518	685	522	690	525
<b>V<sub>oc</sub> [V]</b>	49.80	47.62	49.90	47.72	50.00	47.82	50.10	47.91	50.20	48.01	50.30	48.10	50.40	48.20	50.50	48.29
<b>V<sub>mp</sub> [V]</b>	40.80	39.08	40.90	39.18	41.00	39.27	41.11	39.37	41.21	39.46	41.32	39.56	41.43	39.65	41.53	39.75
<b>I<sub>sc</sub> [A]</b>	16.72	13.48	16.80	13.54	16.88	13.60	16.96	13.66	17.04	13.71	17.12	13.77	17.20	13.82	17.28	13.88
<b>I<sub>mp</sub> [A]</b>	16.06	12.76	16.14	12.83	16.22	12.90	16.30	12.97	16.38	13.03	16.46	13.09	16.54	13.16	16.62	13.22
<b>Module Efficiency</b>	<b>24.2%</b>		<b>24.4%</b>		<b>24.6%</b>		<b>24.8%</b>		<b>25.0%</b>		<b>25.2%</b>		<b>25.4%</b>		<b>25.5%</b>	

## 30-year Linear Performance Curve



## STRUCTURAL CHARACTERISTICS

<b>Dimension (L*W*H)</b>	2382*1134*30mm
<b>Weight (kg)</b>	32.5kg ± 3%
<b>Cell type</b>	N-Type ABC
<b>Bifacial Factor</b>	80 ± 5%
<b>No. of Cells</b>	132(6*22)
<b>Glass</b>	Dual glass, 2.0+2.0mm coated semi tempered glass
<b>Frame</b>	Anodized aluminum
<b>Cable</b>	4mm <sup>2</sup> (IEC) 12AWG(UL) +400mm, -200mm or Customized Length
<b>Junction Box</b>	IP68, 3 bypass diodes
<b>Connector</b>	MC4 Compatible/Original MC4-EVO2A
<b>Package Detail</b>	36 pcs per pallet / 144 pcs per 20'GP / 720 pcs per 40'HC

## Temperature Ratings (STC)

<b>Temperature Coefficient of I<sub>sc</sub></b>	+ 0.05% / °C
<b>Temperature Coefficient of V<sub>oc</sub></b>	- 0.22% / °C
<b>Temperature Coefficient of P<sub>max</sub></b>	- 0.26% / °C

## Installation Guide

<b>Operation Temperature</b>	-40°C - +70°C
<b>Maximum Series Fuse Rating</b>	30A
<b>Protection Class</b>	Class II
<b>Maximum System Voltage</b>	DC1500V
<b>Maximum Static Loading</b>	+5400Pa / -2400Pa
<b>Hail Test</b>	25 mm diameter hail at 23 m/s
<b>Fire Rating</b>	IEC Class A

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HOSUN-A-GRH66Dw Full-Screen

Ver.20260604EN

**HOSUN** [www.HosunEnergy.com](http://www.HosunEnergy.com)

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