

# HOSUN

## DUAL GLASS

BACK CONTACT  
SOLAR MODULE

**HO-Max**

**655 - 675W**

HOSUN-A-MDE72Dw

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



# 675W

Power Output Up To

# 25.0%

Maximum Efficiency

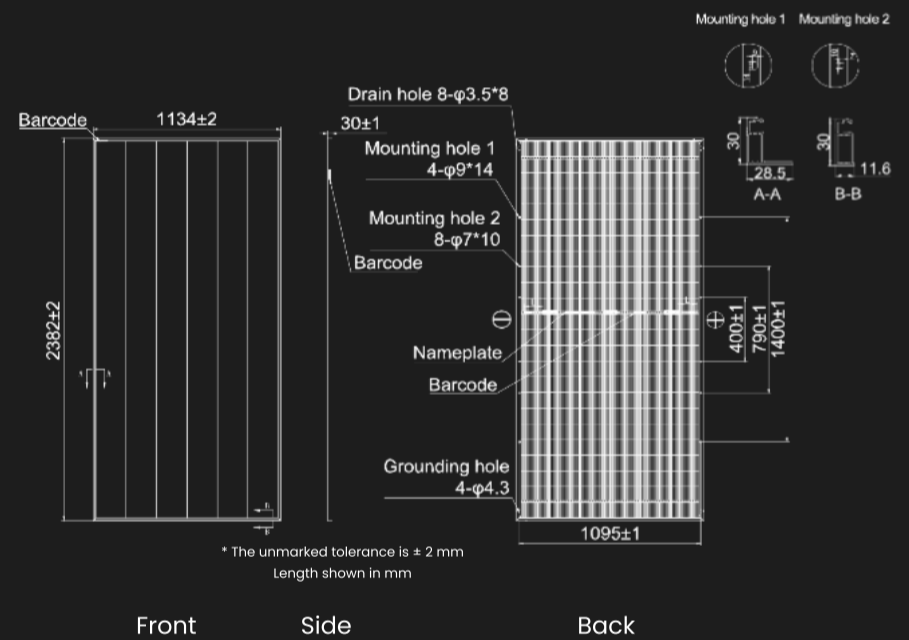
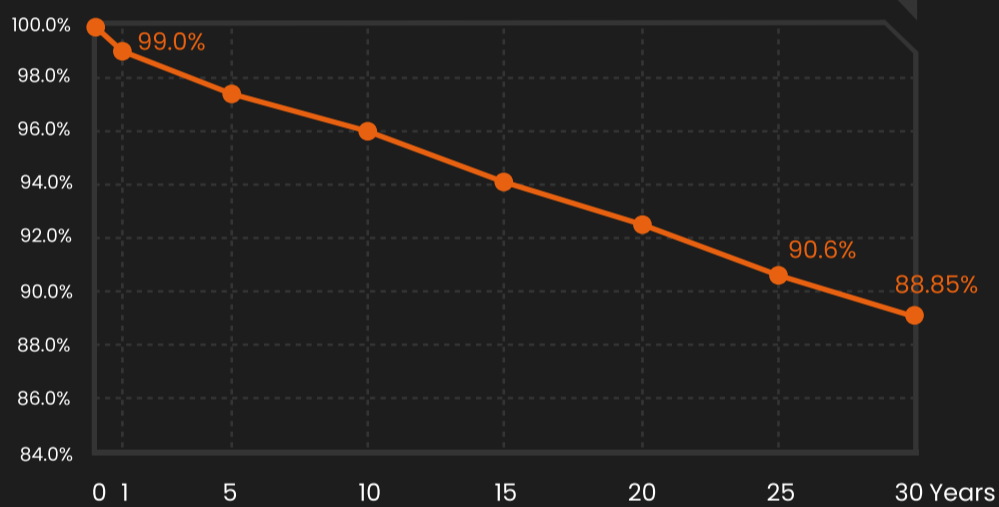
# 20 Years

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 -MDE72DW		HOSUN-A660 -MDE72DW		HOSUN-A665 -MDE72DW		HOSUN-A670 -MDE72DW		HOSUN-A675 -MDE72DW	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
<b>P<sub>max</sub></b> [W]	655	496	660	500	665	504	670	508	675	512
<b>V<sub>oc</sub></b> [V]	54.10	51.33	54.20	51.42	54.40	51.61	54.60	51.80	54.80	51.99
<b>V<sub>mp</sub></b> [V]	45.40	43.07	45.50	43.17	45.60	43.26	45.70	43.36	45.80	43.45
<b>I<sub>sc</sub></b> [A]	15.12	12.22	15.18	12.27	15.24	12.31	15.30	12.36	15.36	12.41
<b>I<sub>mp</sub></b> [A]	14.43	11.54	14.51	11.60	14.59	11.66	14.67	11.72	14.74	11.79
<b>Module Efficiency</b>	<b>24.2%</b>		<b>24.4%</b>		<b>24.6%</b>		<b>24.8%</b>		<b>25.0%</b>	

## 30-year Linear Performance Curve



## STRUCTURAL CHARACTERISTICS

<b>Dimension (L*W*H)</b>	2382*1134*30mm
<b>Weight (kg)</b>	32.2kg ± 3%
<b>Cell type</b>	N-Type ABC
<b>No. of Cells</b>	144(6*24)
<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/±1400mm or Customized Length
<b>Junction Box</b>	IP68, 3 bypass diodes
<b>Connector</b>	MC4-EVO2 series, PV-KST4-EVO2, PV-KBT4-EVO2
<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>	35 mm diameter hail at 27.2 m/s
<b>Fire Rating</b>	IEC Class A

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HOSUN-A-MDE72Dw

Ver.20260604EN

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

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