

HOSUN



DUAL GLASS

BACK CONTACT
SOLAR MODULE

HO-Max

655 – 675W

HOSUN-A-MDE72Dw

Full-Screen

15
YEARS

Product Warranty

30
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

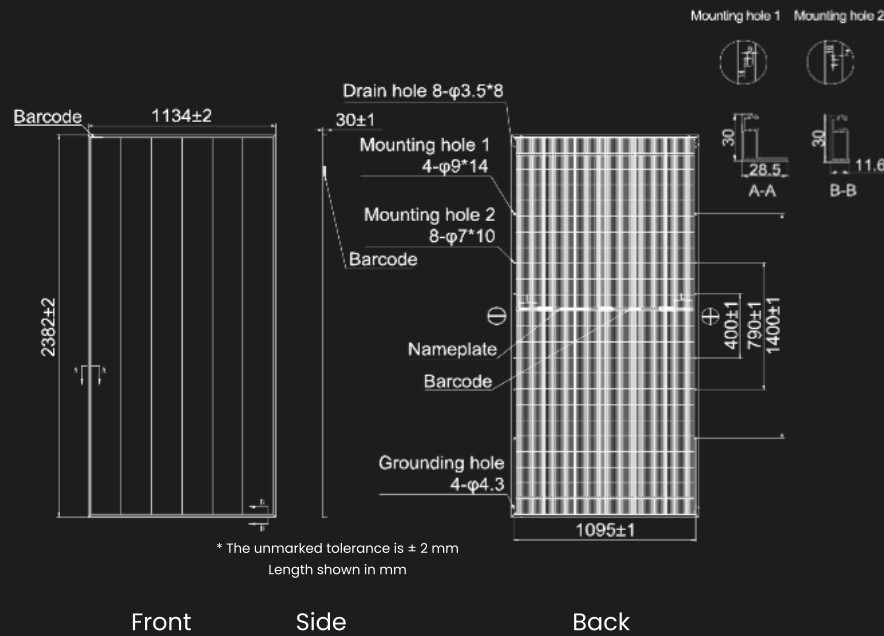
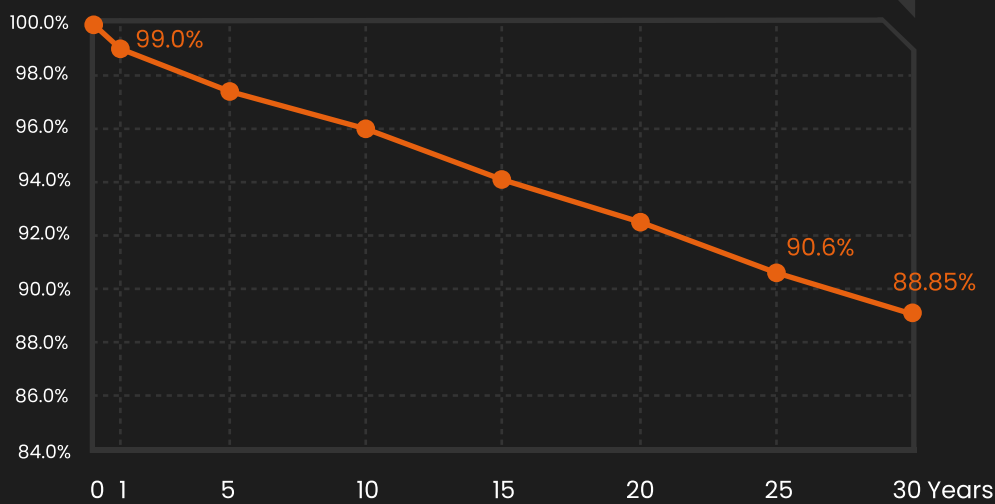
30 Years

Performance Guarantee

Electrical Characteristics (STC: AM1.5 1000W/m² 25°C NOCT: AM1.5 800W/m² 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
P _{max} [W]	655	496	660	500	665	504	670	508	675	512
V _{oc} [V]	54.10	51.33	54.20	51.42	54.40	51.61	54.60	51.80	54.80	51.99
V _{mp} [V]	45.40	43.07	45.50	43.17	45.60	43.26	45.70	43.36	45.80	43.45
I _{sc} [A]	15.12	12.22	15.18	12.27	15.24	12.31	15.30	12.36	15.36	12.41
I _{mp} [A]	14.43	11.54	14.51	11.60	14.59	11.66	14.67	11.72	14.74	11.79
Module Efficiency	24.2%		24.4%		24.6%		24.8%		25.0%	

30-year Linear Performance Curve



STRUCTURAL CHARACTERISTICS

Dimension (L*W*H)	2382*1134*30mm
Weight (kg)	32.2kg ± 3%
Cell type	N-Type HSBC
No. of Cells	144(6*24)
Glass	Dual glass, 2.0+2.0mm coated semi tempered glass
Frame	Anodized aluminum
Cable	4mm ² (IEC) 12AWG(UL) +400mm, -200mm/±1400mm or Customized Length
Junction Box	IP68, 3 bypass diodes
Connector	MC4 Compatible / Original MC4-EVO2A
Package Detail	36 pcs per pallet / 144 pcs per 20'GP / 720 pcs per 40'HC

Temperature Ratings (STC)

Temperature Coefficient of I _{sc}	+ 0.05% / °C
Temperature Coefficient of V _{oc}	- 0.22% / °C
Temperature Coefficient of P _{max}	- 0.26% / °C

Installation Guide

Operation Temperature	-40°C - +70°C
Maximum Series Fuse Rating	30A
Protection Class	Class II
Maximum System Voltage	DC1500V
Maximum Static Loading	+5400Pa / -2400Pa
Hail Test	35 mm diameter hail at 27.2 m/s
Fire Rating	IEC Class A

Contact us: info@hosunenergy.com



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HOSUN-A-MDE72DW

Ver.20260622EN

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