

HOSUN

MONO GLASS

BACK CONTACT
SOLAR MODULE

HO-Max

655 – 690W

HOSUN-A-MDE72Mw

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

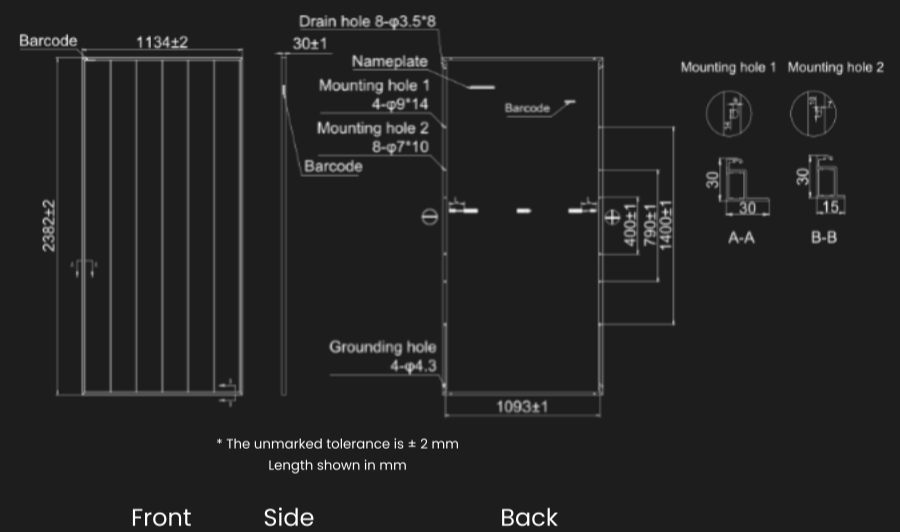
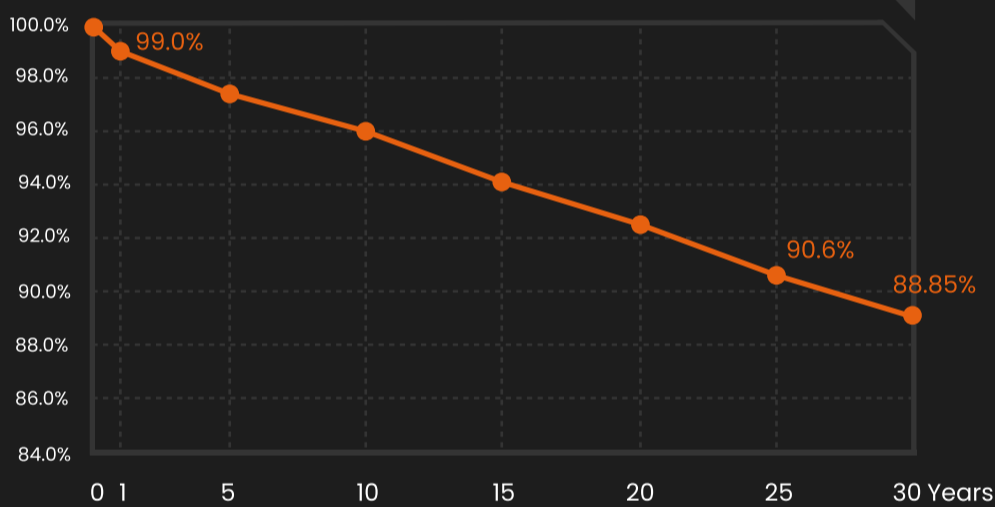
20 Years

Performance Guarantee

Electrical Characteristics (STC: AM1.5 1000W/m² 25°C NOCT: AM1.5 800W/m² 20°C 1m/s Power Tolerance:0~+3%)

Module Type	HOSUN-A655 -MDE72Mw		HOSUN-A660 -MDE72Mw		HOSUN-A665 -MDE72Mw		HOSUN-A670 -MDE72Mw		HOSUN-A675 -MDE72Mw		HOSUN-A680 -MDE72Mw		HOSUN-A685 -MDE72Mw		HOSUN-A690 -MDE72Mw	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
P_{max} [W]	655	496	660	500	665	504	670	508	675	512	680	515	685	519	690	523
V_{oc} [V]	54.10	51.33	54.20	51.42	54.35	51.56	54.50	51.71	54.65	51.85	54.80	51.99	55.00	52.18	55.20	52.37
V_{mp} [V]	45.40	43.07	45.50	43.17	45.60	43.26	45.70	43.36	45.80	43.45	45.90	43.55	46.00	43.64	46.10	43.74
I_{sc} [A]	15.16	12.25	15.22	12.30	15.28	12.35	15.35	12.40	15.41	12.45	15.47	12.50	15.53	12.55	15.59	12.60
I_{mp} [A]	14.43	11.54	14.51	11.60	14.59	11.66	14.67	11.72	14.74	11.79	14.82	11.85	14.90	11.91	14.97	11.97
Module Efficiency	24.2%		24.4%		24.6%		24.8%		25.0%		25.2%		25.4%		25.5%	

30-year Linear Performance Curve



STRUCTURAL CHARACTERISTICS

Dimension (L*W*H)	2382*1134*30mm
Weight (kg)	28.2kg ± 3%
Cell type	N-Type ABC
No. of Cells	144(6*24)
Glass	3.2mm 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	25A
Protection Class	Class II
Maximum System Voltage	DC1500V
Maximum Static Loading	+5400Pa / -2400Pa
Hail Test	25 mm diameter hail at 23 m/s
Fire Rating	IEC Class C

Contact us: info@hosunenergy.com

HOSUN-A-MDE72Mw

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