

HOSUN

MONO GLASS

BACK CONTACT
SOLAR MODULE

HO-Pro

605 – 630W

HOSUN-A-MAH72Mw

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



630W

Power Output Up To

24.4%

Maximum Efficiency

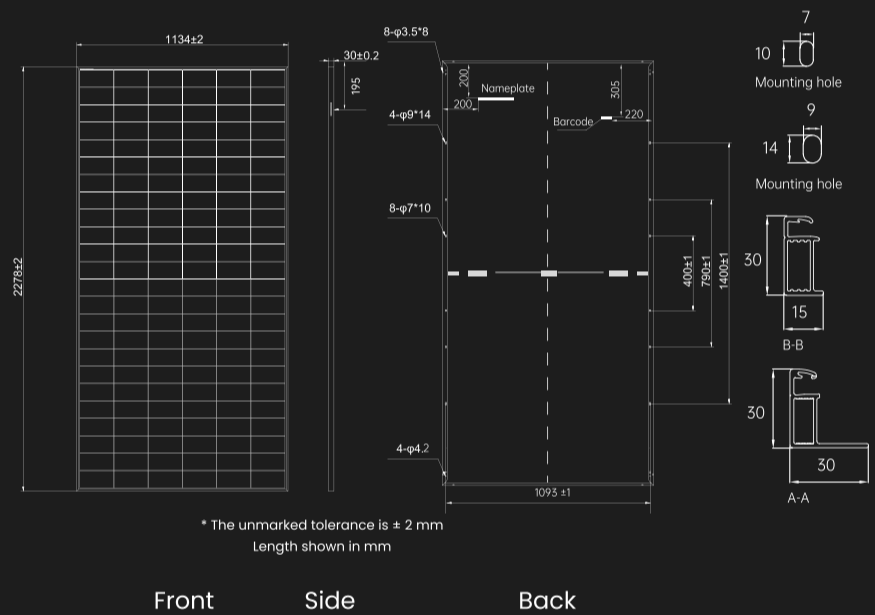
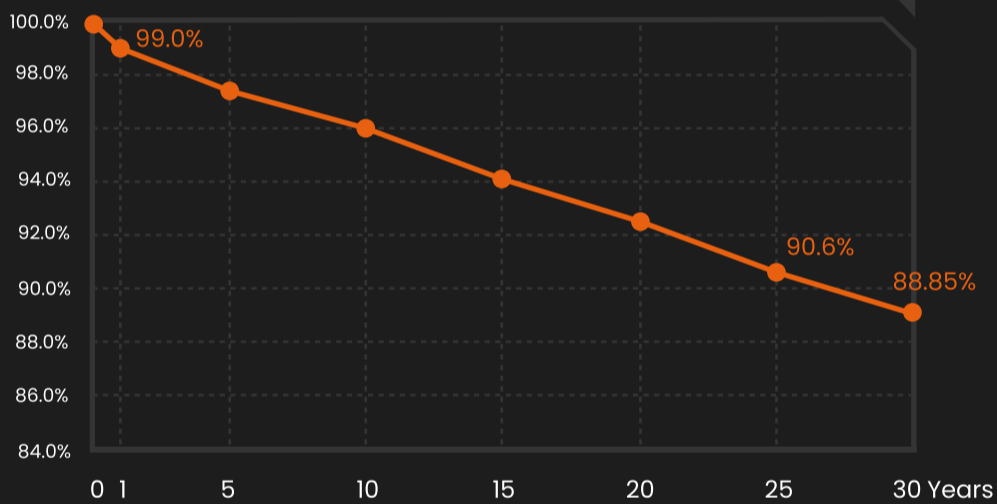
20 Years

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-A605 -MAH72Mw		HOSUN-A610 -MAH72Mw		HOSUN-A615 -MAH72Mw		HOSUN-A620 -MAH72Mw		HOSUN-A625 -MAH72Mw		HOSUN-A630 -MAH72Mw	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
P_{max} [W]	605	456	610	459	615	463	620	467	625	471	630	474
V_{oc} [V]	54.09	51.08	54.19	51.18	54.29	51.27	54.39	51.36	54.49	51.46	54.59	51.55
V_{mp} [V]	44.78	42.29	44.88	42.38	44.98	42.48	45.08	42.54	45.18	42.67	45.28	42.76
I_{sc} [A]	14.28	11.55	14.36	11.61	14.44	11.68	14.52	11.74	14.60	11.81	14.68	11.87
I_{mp} [A]	13.52	10.79	13.60	10.85	13.68	10.91	13.76	10.98	13.84	11.04	13.92	11.11
Module Efficiency	23.4%		23.6%		23.8%		24.0%		24.2%		24.4%	

30-year Linear Performance Curve



STRUCTURAL CHARACTERISTICS

Dimension (L*W*H)	2278*1134*30mm
Weight (kg)	27kg ± 3%
Cell type	N-Type ABC
No. of Cells	144(6*24)
Glass	3.2 mm 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 / 180 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 - +85°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-MAH72Mw

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