

HOSUN

DUAL GLASS

BACK CONTACT
SOLAR MODULE

HO-Ultra

770 – 805W

HOSUN-A-GRH78Dw

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



805W

Power Output Up To

25.1%

Maximum Efficiency

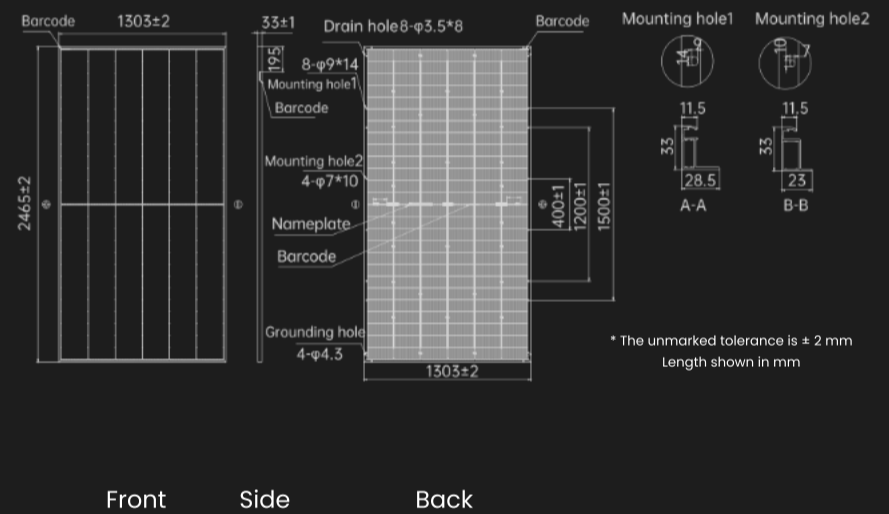
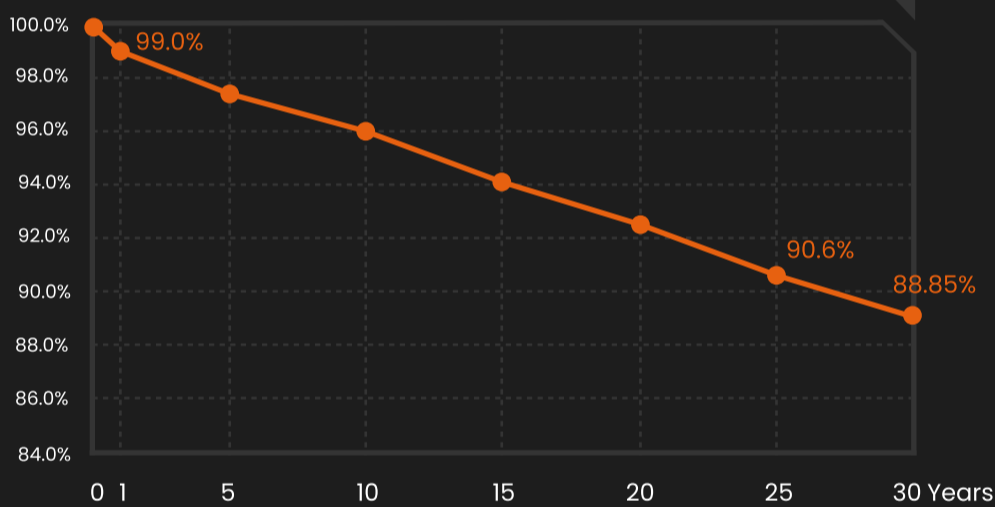
20 Years

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-A770 -GRH78Dw		HOSUN-A775 -GRH78Dw		HOSUN-A780 -GRH78Dw		HOSUN-A785 -GRH78Dw		HOSUN-A790 -GRH78Dw		HOSUN-A795 -GRH78Dw		HOSUN-A800 -GRH78Dw		HOSUN-A805 -GRH78Dw	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
P_{max} [W]	770	584	775	588	780	592	785	595	790	599	795	603	800	607	805	610
V_{oc} [V]	58.72	55.68	58.82	55.77	58.92	55.87	59.02	55.96	59.12	56.05	59.22	56.15	59.32	56.24	59.42	56.34
V_{mp} [V]	48.77	46.36	48.87	46.46	48.97	46.55	49.07	46.65	49.17	46.74	49.27	46.84	49.36	46.93	49.46	47.03
I_{sc} [A]	16.64	13.40	16.71	13.46	16.78	13.53	16.85	13.59	16.92	13.66	16.99	13.72	17.06	13.78	17.13	13.85
I_{mp} [A]	15.79	12.60	15.86	12.65	15.93	12.71	16.00	12.76	16.07	12.82	16.14	12.87	16.21	12.93	16.28	12.98
Module Efficiency	24.0%		24.1%		24.3%		24.4%		24.6%		24.8%		24.9%		25.1%	

30-year Linear Performance Curve



STRUCTURAL CHARACTERISTICS

Dimension (L*W*H)	2465*1303*33mm
Weight (kg)	39.8kg ± 3%
Cell type	N-Type ABC
Bifacial Factor	80 ± 5%
No. of Cells	156(6*26)
Glass	Dual glass, 2.0+2.0mm coated semi tempered glass
Frame	Anodized aluminum
Cable	4mm ² (IEC) 12AWG(UL) +400mm, -200mm or Customized Length
Junction Box	IP68, 3 bypass diodes
Connector	MC4 Compatible
Package Detail	33 pcs per pallet / 132 pcs per 20'GP / 594 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	25 mm diameter hail at 23 m/s
Fire Rating	IEC Class A

Contact us: info@hosunenergy.com

HOSUN-A-GRH78Dw

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