

HOSUN

DUAL GLASS

BACK CONTACT
SOLAR MODULE

HO-Max

635 – 660W

HOSUN-G-MCH72DW

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



660W

Power Output Up To

24.4%

Maximum Efficiency

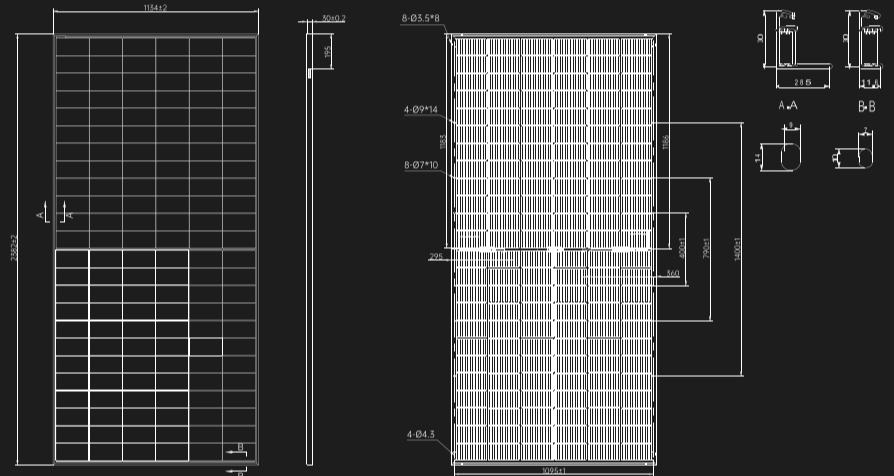
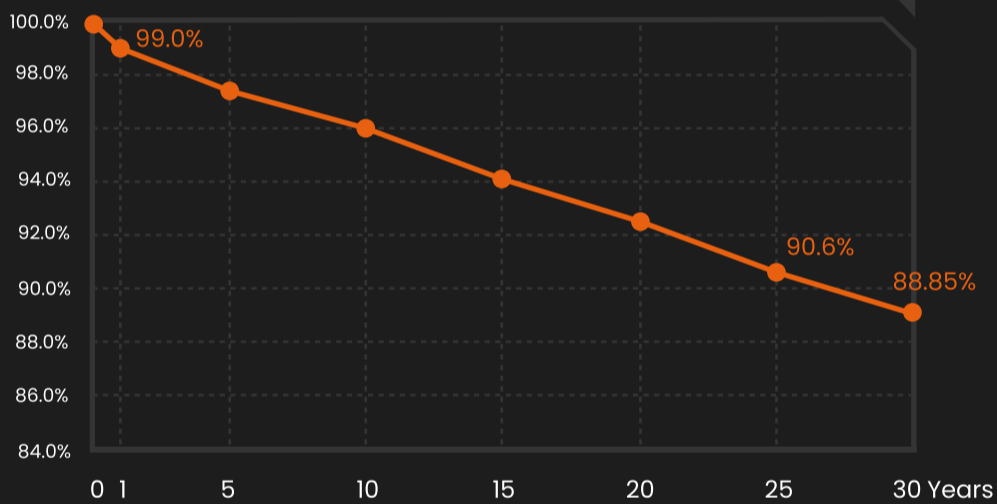
20 Years

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-G635 -MCH72Dw		HOSUN-G640 -MCH72Dw		HOSUN-G645 -MCH72Dw		HOSUN-G650 -MCH72Dw		HOSUN-G655 -MCH72Dw		HOSUN-G660 -MCH72Dw	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
P_{max} [W]	635	481	640	485	645	489	650	493	655	496	660	500
V_{oc} [V]	53.70	50.95	53.80	51.04	53.90	51.14	54.00	51.23	54.10	51.33	54.20	51.42
V_{mp} [V]	45.00	42.69	45.10	42.79	45.20	42.88	45.30	42.98	45.40	43.07	45.50	43.17
I_{sc} [A]	14.88	12.02	14.94	12.07	15.00	12.12	15.06	12.17	15.12	12.22	15.18	12.27
I_{mp} [A]	14.12	11.29	14.20	11.35	14.27	11.41	14.35	11.48	14.43	11.54	14.51	11.60
Module Efficiency	23.9%		23.7%		23.9%		24.1%		24.2%		24.4%	

30-year Linear Performance Curve



* The unmarked tolerance is ± 2 mm
Length shown in mm

Front

Side

Back

STRUCTURAL CHARACTERISTICS

Dimension (L*W*H)	2382*1134*30mm
Weight (kg)	32.3kg ± 3%
Cell type	N-Type ABC
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 - +85°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-G-MCH72Dw

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