

HOSUN

DUAL GLASS

BACK CONTACT
SOLAR MODULE

HO-Lite

515 - 540W

HOSUN-A-MCE60Db

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



540W

Power Output Up To

24.4%

Maximum Efficiency

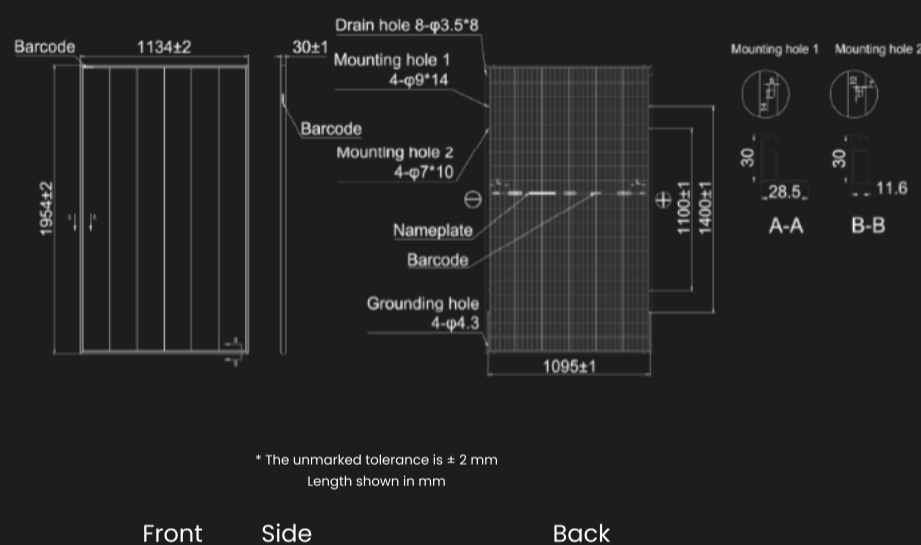
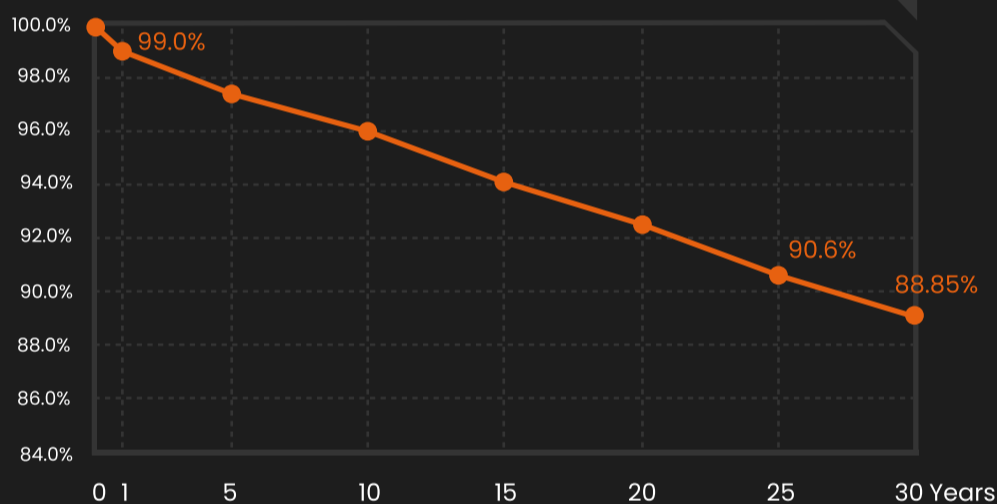
20 Years

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-A515 -MCE60Db		HOSUN-A520 -MCE60Db		HOSUN-A525 -MCE60Db		HOSUN-A530 -MCE60Db		HOSUN-A535 -MCE60Db		HOSUN-A540 -MCE60Db	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
P_{max} [W]	515	390	520	394	525	398	530	402	535	405	540	409
V_{oc} [V]	45.10	42.79	45.20	42.88	45.30	42.98	45.40	43.07	45.50	43.17	45.60	43.26
V_{mp} [V]	37.90	35.96	38.00	36.05	38.10	36.15	38.20	36.24	38.30	36.34	38.40	36.43
I_{sc} [A]	14.66	11.85	14.69	11.87	14.72	11.89	14.76	11.93	14.80	11.96	14.84	11.99
I_{mp} [A]	13.59	10.87	13.69	10.94	13.79	11.02	13.88	11.10	13.97	11.17	14.07	11.25
Module Efficiency	23.2%		23.5%		23.7%		24.6%		24.8%		24.4%	

30-year Linear Performance Curve



STRUCTURAL CHARACTERISTICS

Dimension (L*W*H)	1954*1134*30mm
Weight (kg)	27.1kg ± 3%
Cell type	N-Type ABC
No. of Cells	120(6*20)
Glass	Dual glass, 2.0+2.0mm coated semi tempered glass
Frame	Black anodized aluminum
Cable	4mm ² (IEC) 12AWG(UL) ±1200mm
Junction Box	IP68, 3 bypass diodes
Connector	Original MC4-EVO2A
Package Detail	37pcs per pallet / 185pcs per 20'GP / 888pcs 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-MCE60Db

Ver.20260604EN

HOSUN www.HosunEnergy.com

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