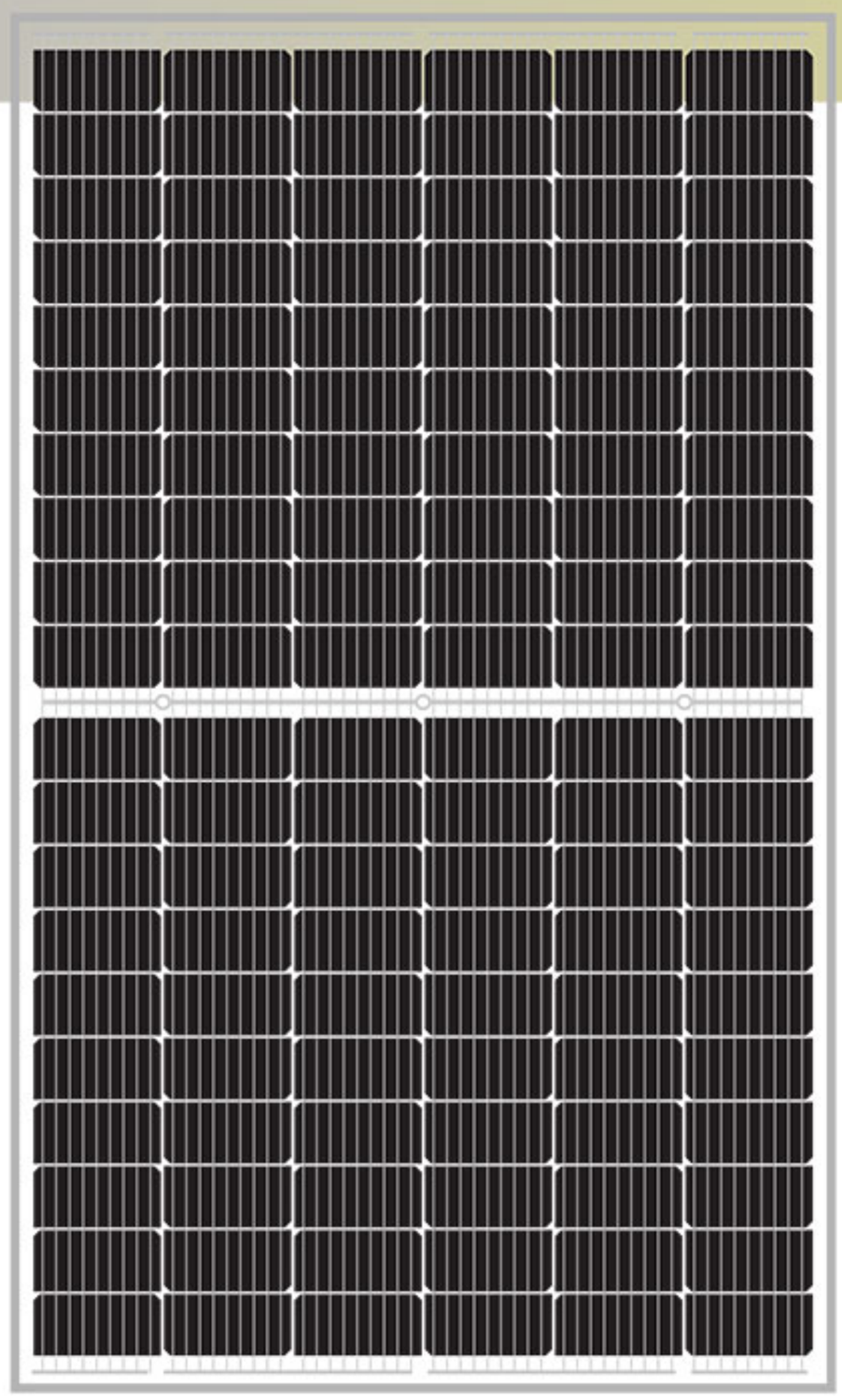
FROM STRENGTH TO STRENGTH IN NATURE

NESE 370-60MHB-M6

MONO PERC HALF-CELL BIFACIAL SOLAR MOUDLE

FROM CAMBODIA



KEY FEATURES

High efficiency PERC

A high efficiency 166 (M6) PERC solar cell with 9 busbars technology to ensure the efficiency of the solar module up to 20.31% and stable operation.

Bifacial power generation

Increases 10-30% power generation revenue.

Excellent performance with weak light

More power output with a weak light condition-through advanced glass and solar cells.

Wind/Snow load

Wind load 2400 pa, snow load 5400 pa.

Pid Free

Excellent Anti-PID performance, minimized the degradation of power.

Resistance of extreme environment conditions

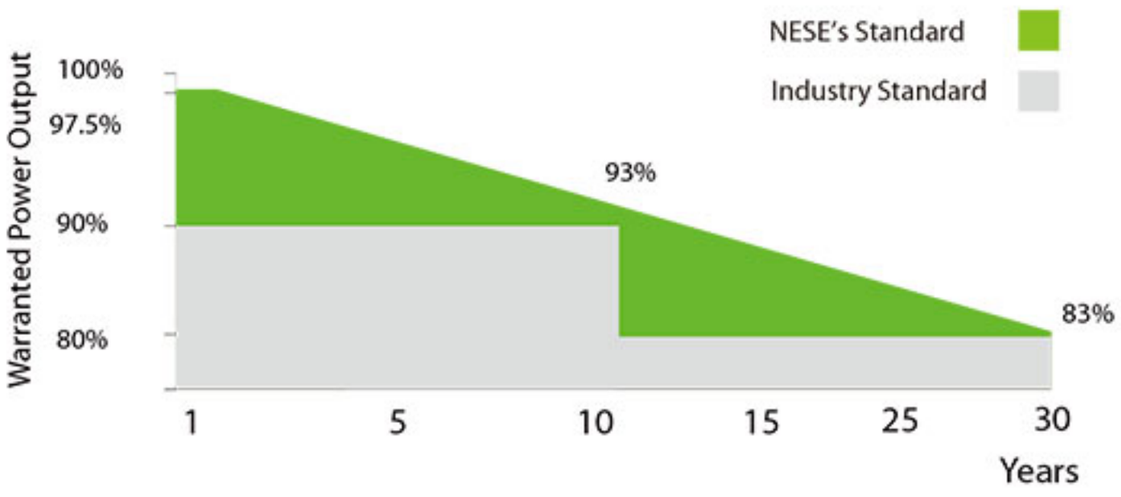
High Salt Mist and Ammonia resistance certified by TUV.

INSURED BY

CHUBB® Munich RE

LINEAR PERFORMANCE WARRANTY

12 years product warranty. 30 years linear power warranty.



MANAGEMENT SYSTEM CERTIFICATES

ISO 9001:2015/QUALITY MANAGEMENT SYSTEM
ISO 14001:2015/STANDARDS FOR ENVIRONMENTAL MANAGEMENT SYSTEM

PRODUCT CERTIFICATES

IEC 61215/IEC 61730:VDE/CE/CEC AU
UL 61730: CSA

PHUM TANOUN, SANGKAT KOMBOUL, KHAN POSENCHEY, PHNOM PENH, KINGDOM OF CAMBODIA
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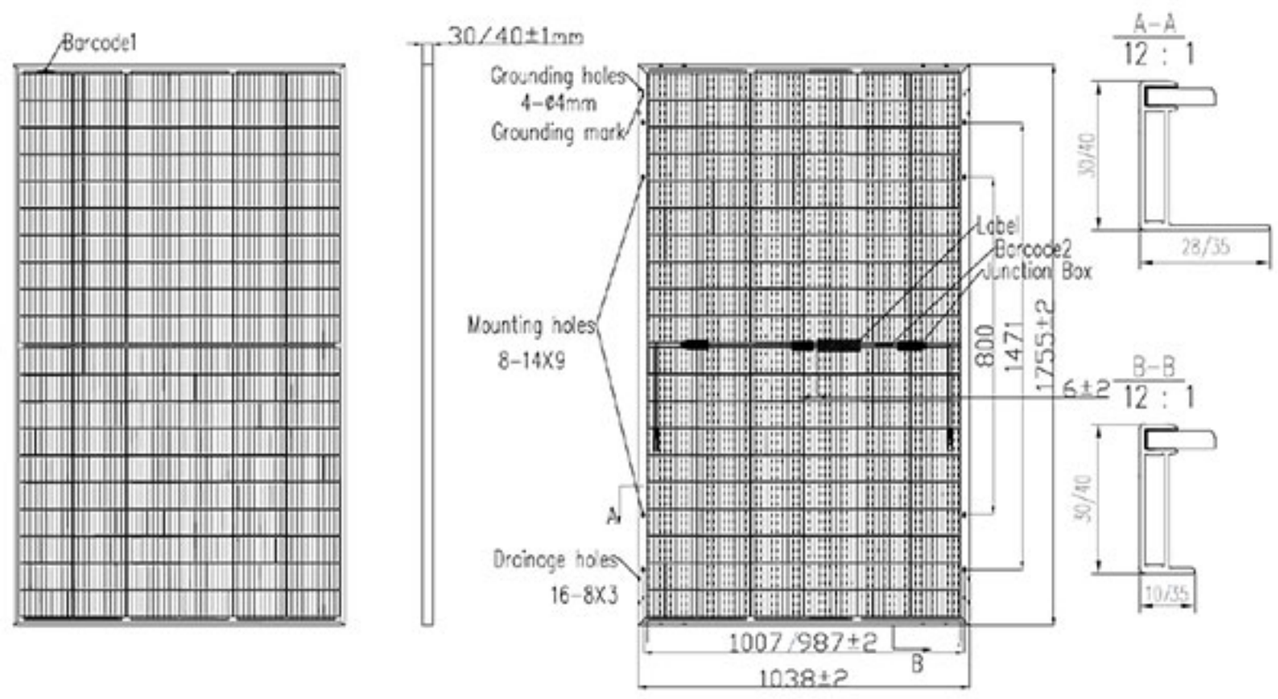
SPECIFICATIONS

Module type	NESE350-60MHB-M6		NESE355-60MHB-M6		NESE360-60MHB-M6		NESE365-60MHB-M6		NESE370-60MHB-M6	
	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)
Maximum power(Pmax)	350Wp	261Wp	355Wp	265Wp	360Wp	269Wp	365Wp	272Wp	370Wp	276Wp
Maximum power voltage(Vmp)	33.4V	31.1V	33.6V	31.3V	33.8V	31.5V	34.0V	31.7V	34.2V	31.9V
Maximum power current (Imp)	10.48A	8.39A	10.57A	8.46A	10.66A	8.52A	10.74A	8.58A	10.82A	8.64A
Open-circuit voltage(Voc)	40.2V	37.5V	40.4V	37.7V	40.6V	37.9V	40.8V	38.0V	41.0V	38.2V
Short-circuit current(Isc)	11.04A	8.92A	11.12A	8.98A	11.20A	9.05A	11.27A	9.10A	11.34A	9.16A
Module efficiency STC (%)	19.21%		19.49%		19.76%		20.04%		20.31%	
Operating temperature(℃)	-40℃ ~ 85℃									

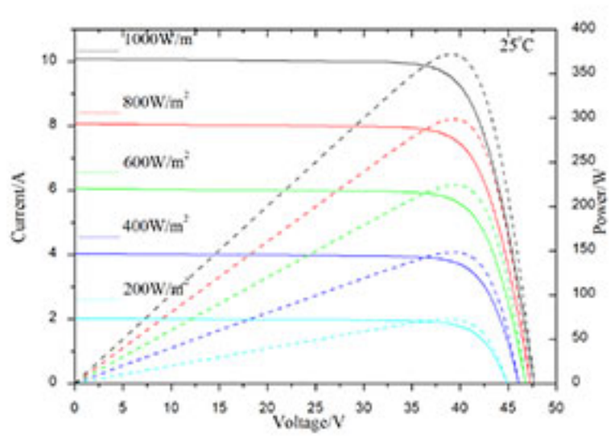
ELECTRICAL CHARACTERISTICS WITH 25% REAR SIDE POWER GAIN

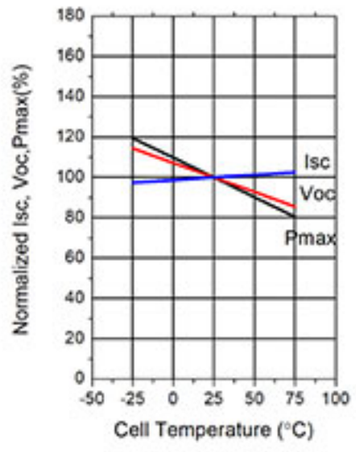
Front power Pmax/W	350	355	360	365	370
Total power Pmax/W	438	444	450	456	463
Vmp/V(Total)	33.5	33.7	33.9	34.1	34.3
Imp/A(Total)	13.06	13.17	13.27	13.38	13.48
Voc/V(Total)	40.3	40.5	40.7	40.9	41.1
Isc/A(Total)	13.62	13.72	13.81	13.91	14.00

ENGINEERING DRAWING



IV CURVES OF THE PV MODULES





Electrical performance & temperature dependence
Current-voltage & power-voltage curves (370W)
temperature dependence of Isc, Voc, Pmax

TEMPERATURE RATINGS

NOCT	44 ± 2℃
Temperature coefficients of Pmax	-0.36%/℃
Temperature coefficients of Voc	-0.29%/℃
Temperature coefficients of Isc	+0.05%/℃
Refer. Bifacial Factor	70 ±5%

WORKING CONDITIONS

Maximum system voltage	1000/1500 VDC
Maximum series fuse rating	25A

MATERIAL CHARACTERISTICS

Number of cell	120 (6 * 20)
Dimensions	1755*1038*30/40
Weight	22.5/22.7kg
Front glass	2.0mm+2.0mm heat strengthened glass
Frame	Anodized aluminium alloy
Junction box	Ip68 , 3 diodes
Cables	12 AWG, length: 350 mm or Customized
Connectors	MC4-Compatible

PACKAGING CONFIGURATION

40HQ	936/702PCS

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