

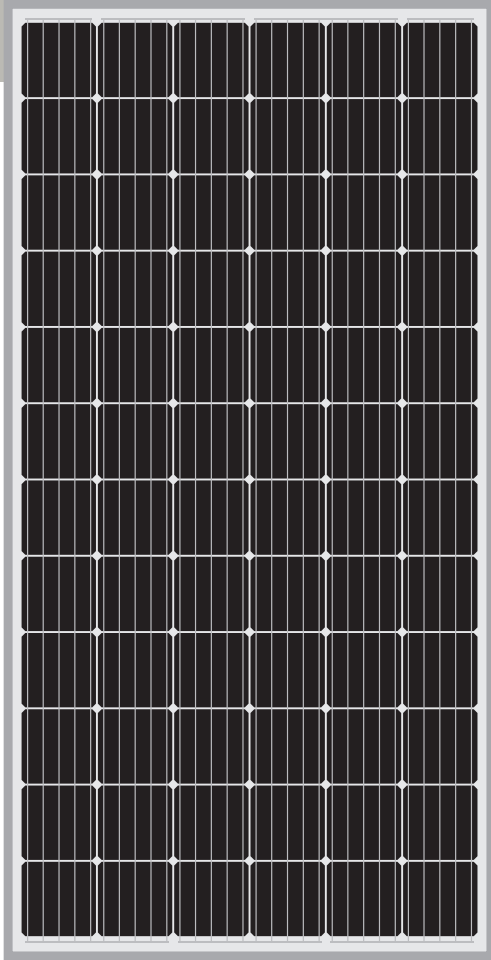


FROM STRENGTH TO STRENGTH IN NATURE

NESE 395-72MB

MONO PERC SOLAR MOUDULE

FROM CAMBODIA



INSURED BY



KEY FEATURES



High efficiency PERC

A high efficiency PERC solar cell with 5 busbar technology to ensure the efficiency of the solar module up to 19.46% 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.

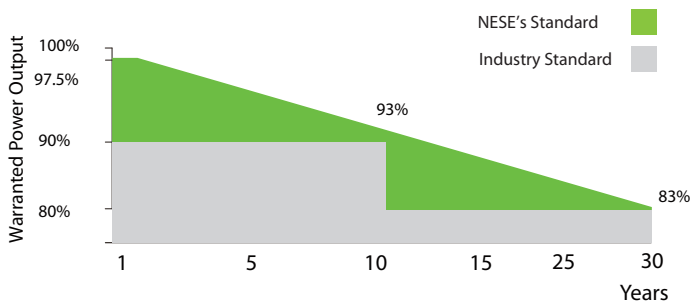


Resistance of extreme environment conditions

High Salt Mist and Ammonia resistance certified by TUV.

LINEAR PERFORMANCE WARRANTY

12 years product warranty. 30years 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



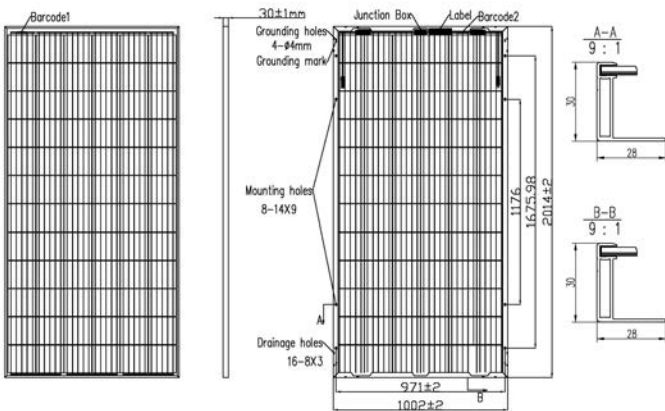
PHUM TANOUN, SANGKAT KOMBOUL, KHAN POSENCHAY, PHNOM PENH, KINGDOM OF CAMBODIA

WWW.NESOLAR.COM.KH

SPECIFICATIONS

Module type	NESE 375-72MB		NESE 380-72MB		NESE 385-72MB		NESE390-72MB		NESE395-72MB	
	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)
Maximum power(Pmax)	375Wp	277Wp	380Wp	281Wp	385Wp	285Wp	390Wp	288Wp	395Wp	292Wp
Maximum power voltage(Vmp)	39.9	36.9V	40.1V	37.0V	40.3V	37.2V	40.5V	37.3V	40.7V	37.5V
Maximum power current (Imp)	9.40A	7.52A	9.48A	7.59A	9.56A	7.66A	9.63A	7.73A	9.71A	7.80A
Open-circuit voltage(Voc)	48.1V	44.5V	48.3V	44.6V	48.5V	44.8V	48.7V	45.0	48.9V	45.2V
Short-circuit current(Isc)	9.87A	7.99A	9.96A	8.06A	10.05A	8.14A	10.14A	8.21A	10.23A	8.28A
Module efficiency STC (%)	18.47%		18.72%		18.96%		19.21%		19.46%	
Operating temperature(°C)	-40°C ~ 85°C									
Maximum system voltage	1000/1500 (IEC&UL)									
Maximum series fuse rating	20A									
Sorting power tolerance	0 ~ +3%									
Temperature coefficients of Pmax	-0.38%/°C									
Temperature coefficients of Voc	-0.3%/°C									
Temperature coefficients of Isc	+0.06%/°C									
Nominal operating cell temperature(NOCT)	45 ± 2°C									
Refer. Bifacial Factor	70 ± 5%									

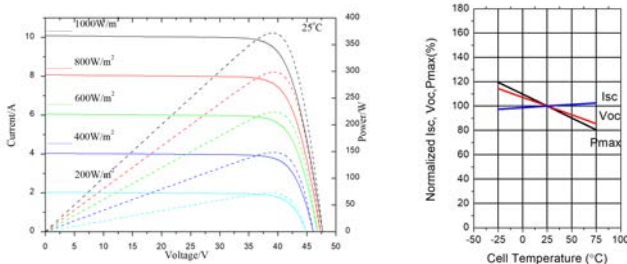
ENGINEERING DRAWING



MATERIAL CHARACTERISTICS

Number of cell	72 (6 * 12)
Dimensions	2014*1002*30
Weight	26kg
Front glass	2.0mm+2.0mm heat strengthened glass
Frame	Anodized aluminium alloy
Junction box	Ip67 rated or higher rated
Output cables	12 awg, length: 350 mm (13.78 inch) or Customized length

ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE



Electrical performance & temperature dependence
Current-voltage & power-voltage curves (395W)
temperature dependence of Isc, Voc, Pmax

PACKAGING CONFIGURATION

20GP	360PCS
40GP	792PCS
40HQ	836PCS