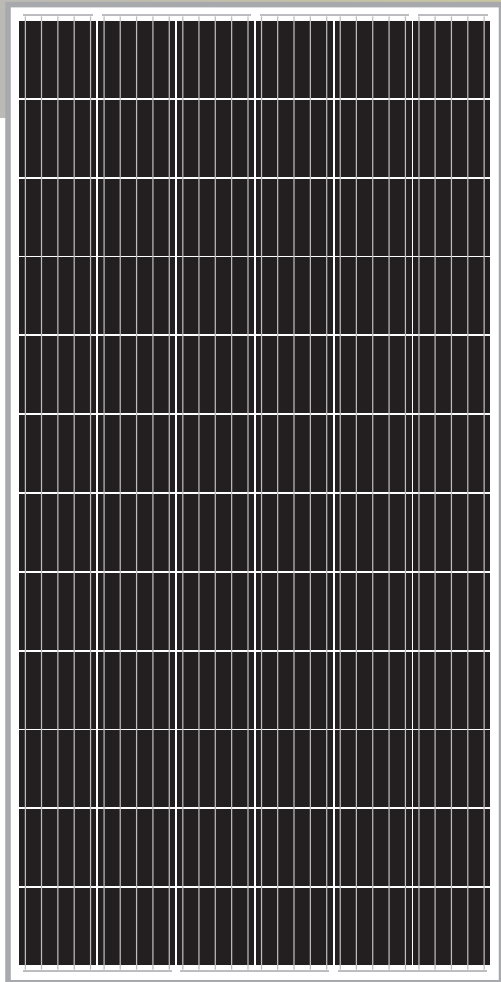




FROM STRENGTH TO STRENGTH IN NATURE



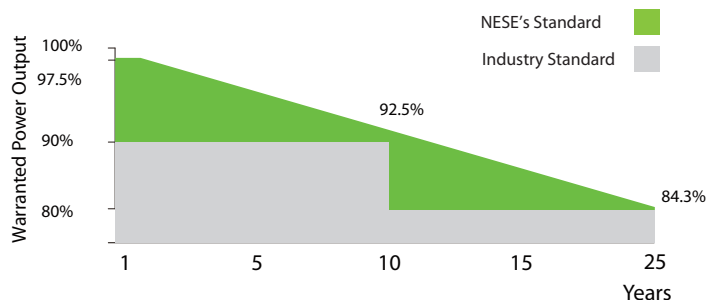
INSURED BY

CHUBB® Munich RE



LINEAR PERFORMANCE WARRANTY

12 years product warranty. 25 years linear power warranty.



NESE 400-72M/MV

MONO PERC SOLAR MODULE
FROM CAMBODIA

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 20.17% and stable operation.



0-5W tolerance

0- 5W positive power tolerance.



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.

MANAGEMENT SYSTEM CERTIFICATES

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

PRODUCT CERTIFICATES

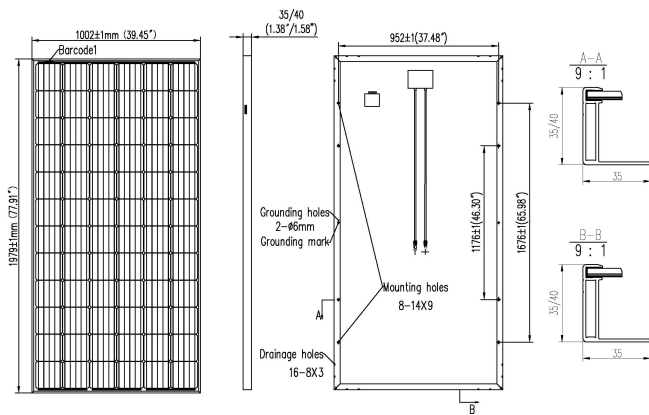
IEC 61215/IEC 61730:VDE/CE/CEC AU
UL 61730: CSA



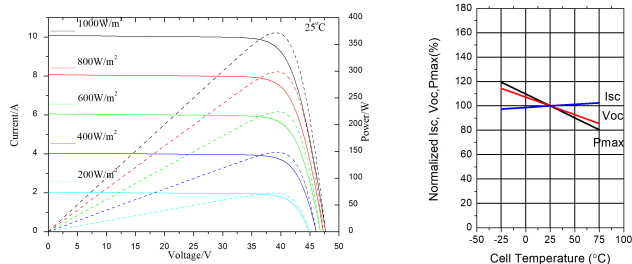
SPECIFICATIONS

Module type	NESE 380-72M/MV		NESE 385-72M/MV		NESE 390-72M/MV		NESE395-72M/MV		NESE400-72M/MV	
	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)
Maximum power(Pmax)	380Wp	281Wp	385Wp	285Wp	390Wp	288Wp	395Wp	292Wp	400Wp	296Wp
Maximum power voltage(Vmp)	39.9	36.9V	40.1V	37.1V	40.3V	37.3V	40.5V	37.5V	40.7V	37.7V
Maximum power current (Imp)	9.53A	7.62A	9.61A	7.67A	9.68A	7.72A	9.76A	7.78A	9.83A	7.84A
Open-circuit voltage(Voc)	48.6V	44.9V	48.8V	45.1V	49.0V	45.3V	49.2V	45.5V	49.4V	45.7V
Short-circuit current(Isc)	10.03A	8.10A	10.09A	8.15A	10.16A	8.21A	10.22A	8.26A	10.29A	8.31A
Module efficiency STC (%)	19.16%		19.42%		19.67%		19.92%		20.17%	
Operating temperature(°C)	-40℃ ~ 85℃									
Maximum system voltage	1000/1500 (IEC&UL)									
Maximum series fuse rating	20A									
Sorting power tolerance	0 ~ +3%									
Temperature coefficients of Pmax	-0.36%/℃									
Temperature coefficients of Voc	-0.27%/℃									
Temperature coefficients of Isc	+0.04%/℃									
Nominal operating cell temperature(NOCT)	45 ± 2℃									

ENGINEERING DRAWING



ELECTRICAL PERFORMANCE & TEMPREATURE DEPENDENCE



Electrical performance & temperature dependence
Current-voltage & power-voltage curves (400W)
temperature dependence of Isc, Voc, Pmax

MATERIAL CHARACTERISTICS

Number of cell	72 (6 * 12)
Dimensions	1979*1002*35/40
Weight	22.2/23.2kg
Front glass	3.2mm, anti-reflection Coating, high transmission, low iron, tempered glass
Frame	Anodized aluminium alloy
Junction box	Ip67 rated or higher rated
Output cables	12 awg, length: 900-1200 mm (35.43-47.24 inch) or Customized length

PACKAGING CONFIGURATION

20GP	270/300PCS
40GP	594/660PCS
40HQ	638/715PCS