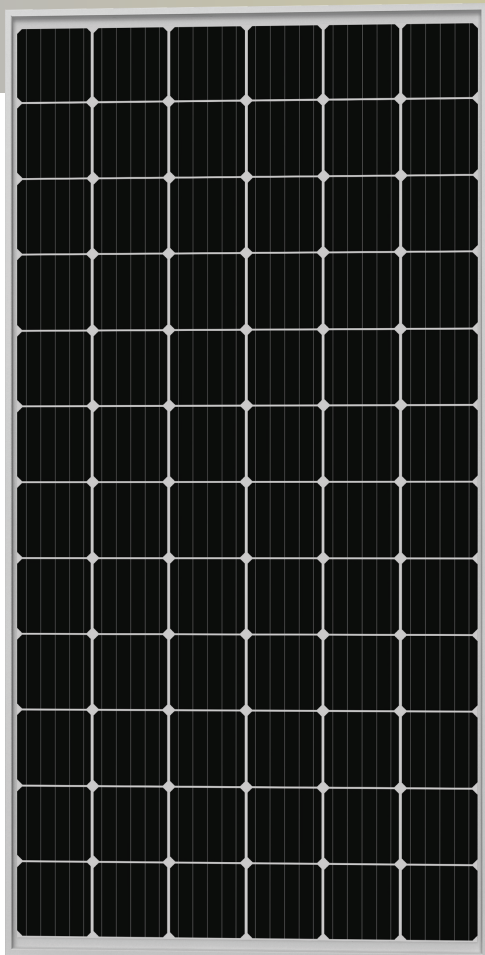


# NESE 390-72M/MV

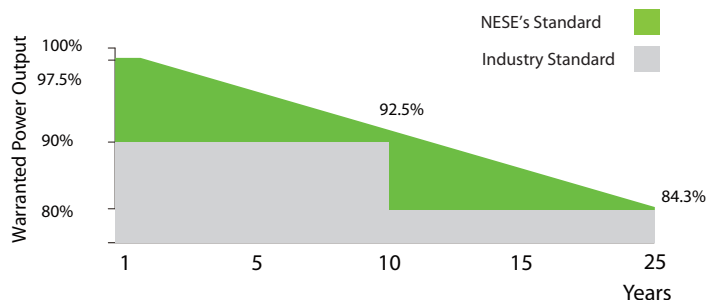
## MONO PERC SOLAR MOUDULE FROM CAMBODIA



**INSURED BY**  
**CHUBB®** Munich RE 

### LINEAR PERFORMANCE WARRANTY

12 years product warranty. 25 years linear power warranty.



### 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 20.10% 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

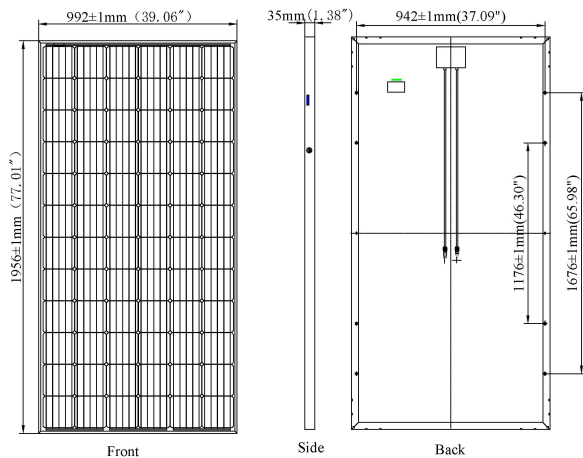
IEC 61215/IEC 61730:VDE/CE/CEC AU  
UL 61730: CSA



# SPECIFICATIONS

Module type	NESE 370-72M/MV		NESE 375-72M/MV		NESE 380-72M/MV		NESE385-72M/MV		NESE390-72M/MV	
	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)	STC	(NOCT)
Maximum power(Pmax)	370Wp	274Wp	375Wp	277Wp	380Wp	282Wp	385Wp	286Wp	390Wp	290Wp
Maximum power voltage(Vmp)	39.6	36.4V	39.7V	36.5V	39.8V	36.6V	39.9V	36.7V	40.0V	36.8V
Maximum power current (Imp)	9.34A	7.51A	9.45A	7.60A	9.55A	7.70A	9.65A	7.79A	9.75A	7.88A
Open-circuit voltage( Voc)	48.4V	44.0V	48.6V	44.1V	48.7V	44.2V	48.8V	44.3V	48.9V	44.4V
Short-circuit current(Isc)	9.87A	7.98A	9.98A	8.05A	10.08A	8.13A	10.18A	8.22A	10.28A	8.32A
Module efficiency STC (%)	19.07%		19.33%		19.58%		19.84%		20.10%	
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℃									

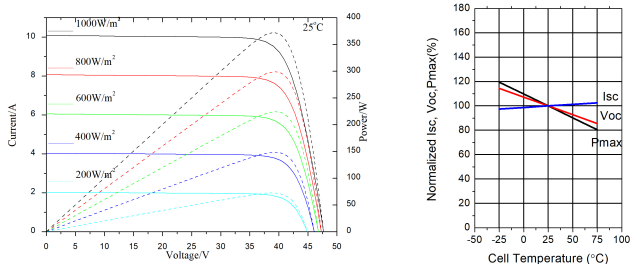
## ENGINEERING DRAWING



## MATERIAL CHARACTERISTICS

Number of cell	72 (6 * 12)
Dimensions	1956*992*35/40
Weight	21.0/22.0kg
Front glass	3.2mm, anti-reflection Coating, high transmissi on, low iron, tempe Red 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

## ELECTRICAL PERFORMANCE & TEMPREATURE DEPENDENCE



Electrical performance & temperature dependence  
Current-voltage & power-voltage curves (390W)  
temperature dependence of Isc, Voc, Pmax

## PACKAGING CONFIGURATION

20GP	270/300PCS
40GP	648/720PCS
40HQ	696/780PCS