



FROM STRENGTH TO STRENGTH IN NATURE

# NESE 370-60MH

MONO PERC HALF-CELL BALCK MODULE

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.



### 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.



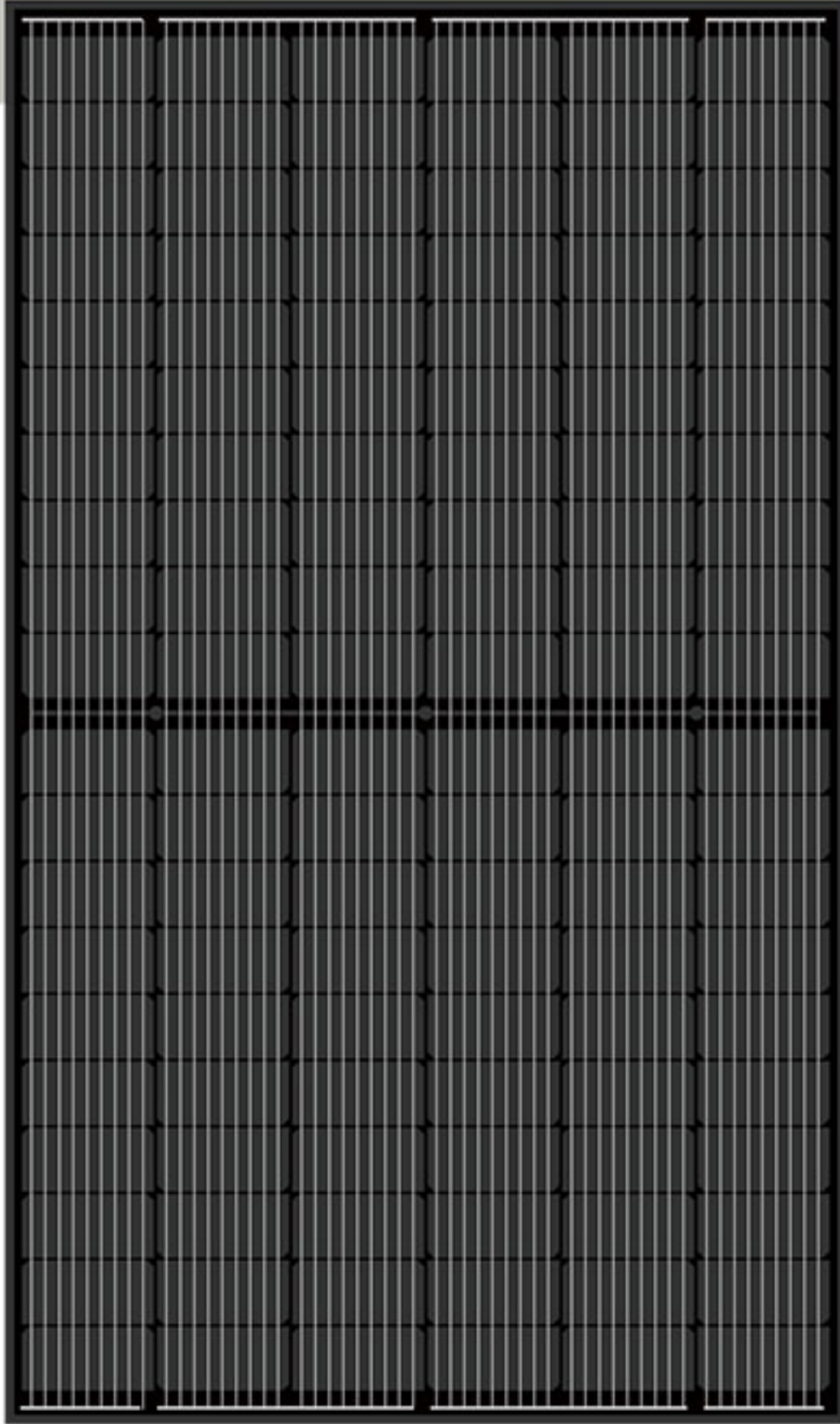
### Pid Free

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



### Resistance of extreme environment conditions

High Salt Mist and Ammonia resistance certified by TUV.

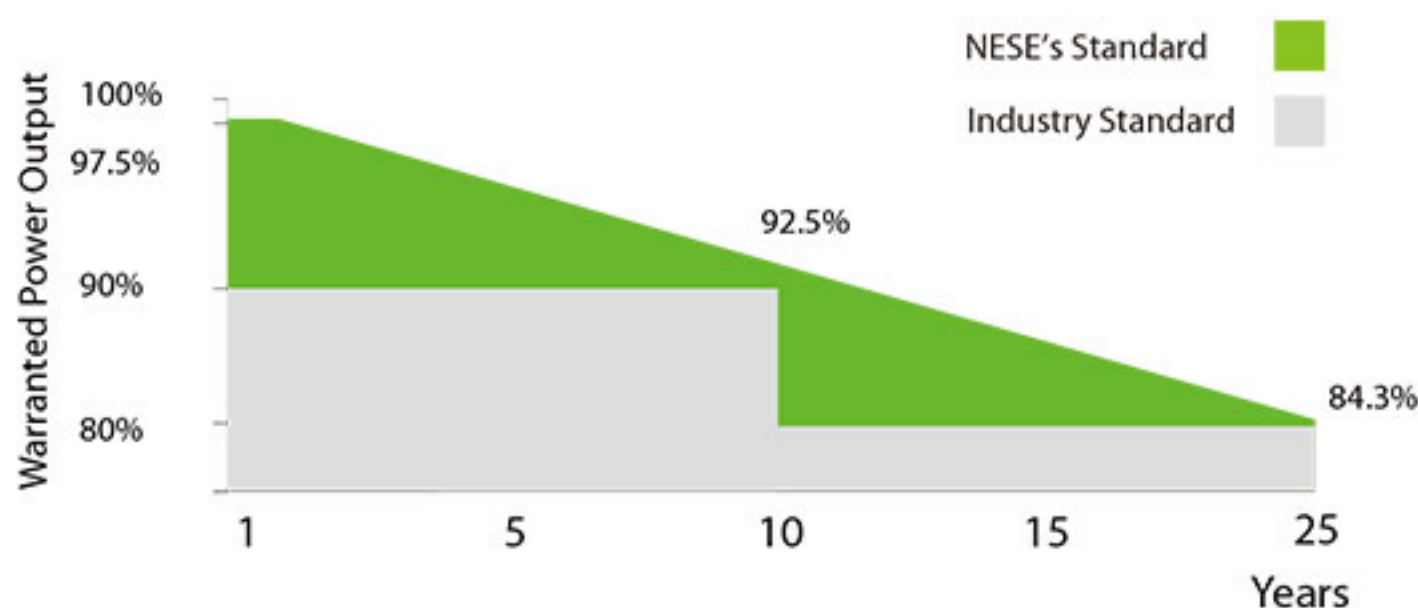


## INSURED BY

CHUBB® Munich RE 

## LINEAR PERFORMANCE WARRANTY

12 years product warranty. 25 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

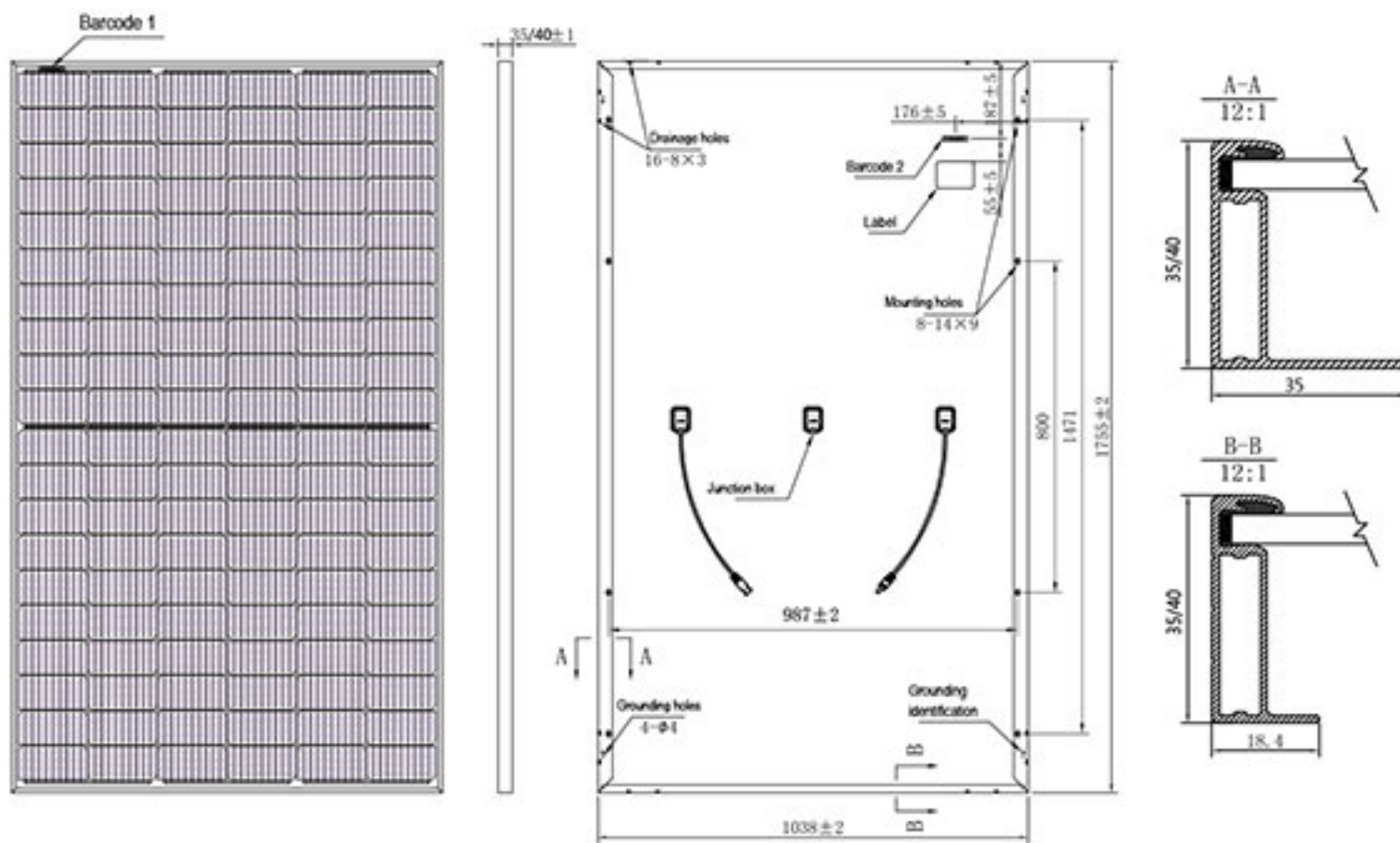




# SPECIFICATIONS

| Module type                              | NESE 350-60MH     |        | NESE 355-60MH |        | NESE 360-60MH |        | NESE365-60MH |        | NESE370-60MH |        |
|--|-------------------|--------|---------------|--------|---------------|--------|--------------|--------|--------------|--------|
|  | STC               | (NOCT) | STC           | (NOCT) | STC           | (NOCT) | STC          | (NOCT) | STC          | (NOCT) |
| Maximum power(Pmax)                      | 350Wp             | 256Wp  | 355Wp         | 260Wp  | 360Wp         | 264Wp  | 365Wp        | 267Wp  | 370Wp        | 270Wp  |
| Maximum power voltage(Vmp)               | 33.4              | 30.9V  | 33.6V         | 31.1V  | 33.8V         | 31.3V  | 34.0V        | 31.4V  | 34.2V        | 31.6V  |
| Maximum power current (Imp)              | 10.48A            | 8.28A  | 10.57A        | 8.36A  | 10.66A        | 8.43A  | 10.74A       | 8.50A  | 10.82A       | 8.57A  |
| Open-circuit voltage( Voc)               | 40.2V             | 37.2V  | 40.4V         | 37.4V  | 40.6V         | 37.6V  | 40.8V        | 37.8V  | 41.0V        | 38.0V  |
| Short-circuit current(Isc)               | 11.04A            | 8.92A  | 11.14A        | 9.00A  | 11.24A        | 9.08A  | 11.33A       | 9.15A  | 11.42A       | 9.22A  |
| Module efficiency STC (%)                | 19.21%            |        | 19.49%        |        | 19.76%        |        | 20.04%       |        | 20.31%       |        |
| 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         | -0.36%/°C         |        |               |        |               |        |              |        |              |        |
| Temperature coefficients of Voc          | -0.29%/°C         |        |               |        |               |        |              |        |              |        |
| Temperature coefficients of Isc          | +0.05%/°C         |        |               |        |               |        |              |        |              |        |
| Nominal operating cell temperature(NOCT) | 44 ± 3°C          |        |               |        |               |        |              |        |              |        |

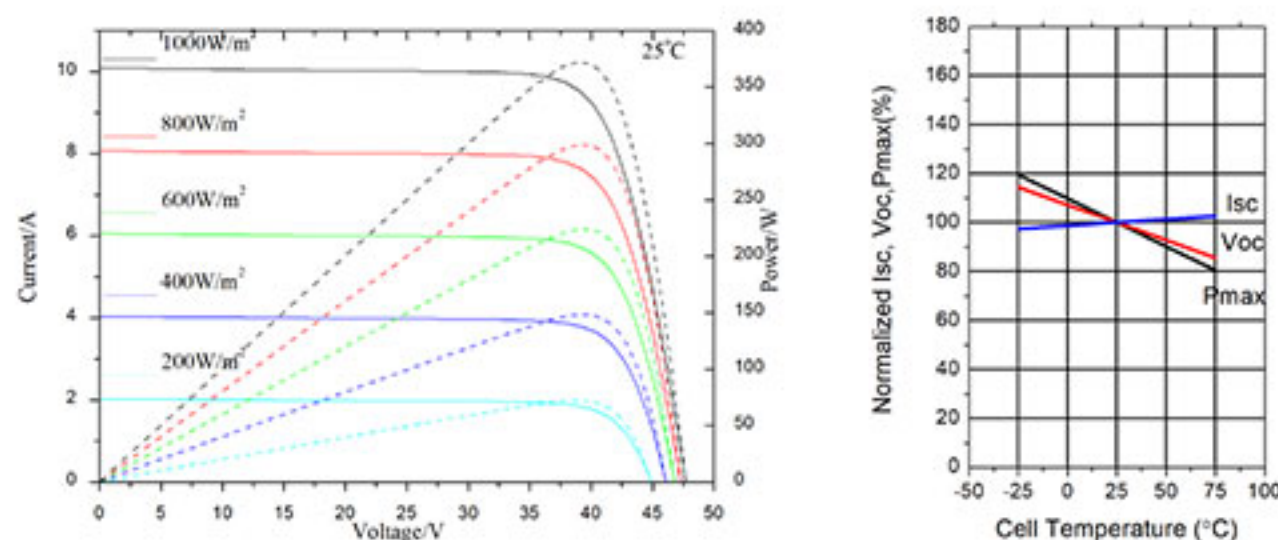
## ENGINEERING DRAWING



## MATERIAL CHARACTERISTICS

|                |   |
|----------------|---|
| Number of cell | 120 (6 * 20)  |
| Dimensions     | 1755*1038*35/40   |
| Weight         | 20.5/20.6kg   |
| Front glass    | 3.2mm, anti-reflection Coating, high transmission, low iron, tempered Red glass |
| Frame          | Anodized aluminium alloy  |
| Junction box   | IP68 rated 3 Diodes   |
| Output cables  | 12 awg, length: 350-1200 mm (13.78-47.24 inch) or Customized length             |
| Connectors     | MC4-Compatible  |
| 40HQ           | 845/754PCS  |

## ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE



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