

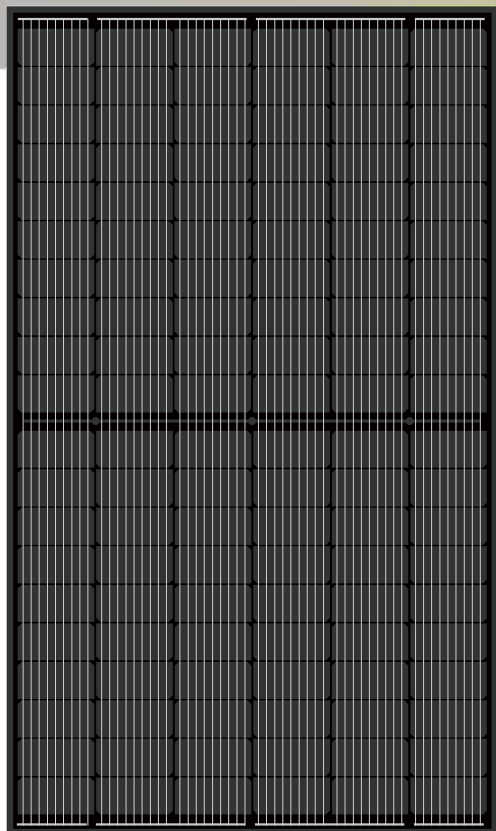


FROM STRENGTH TO STRENGTH IN NATURE

NESE 380-60MH-M6

MONO PERC HALF-CELL BLACK 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 20.86% 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.

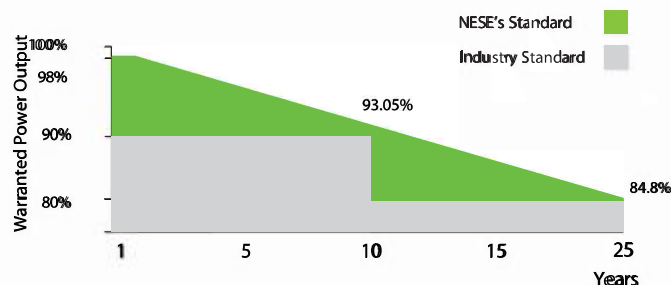
INSURED BY

CHUBB® Munich RE



LINEAR PERFORMANCE WARRANTY

25 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

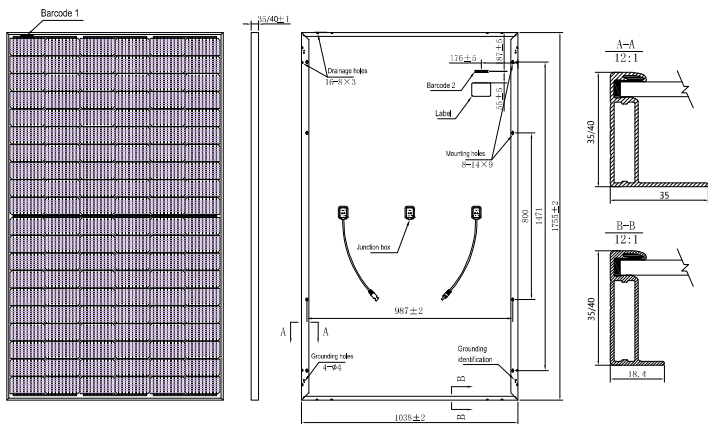
IEC 61215/IEC 61730/VDE/CE/CEC AU
UL 61730: CSA



SPECIFICATIONS

| Module type | NESE 360-60MH-M6 | | NESE 365-60MH-M6 | | NESE 370-60MH-M6 | | NESE 375-60MH-M6 | | NESE 375-60MH-M6 | |
|--|------------------|--------|------------------|--------|------------------|--------|------------------|--------|------------------|--------|
| | STC | (NOCT) | STC | (NOCT) | STC | (NOCT) | STC | (NOCT) | STC | (NOCT) |
| Maximum power(Pmax) | 360Wp | 269Wp | 365Wp | 272Wp | 370Wp | 276Wp | 375Wp | 280Wp | 380Wp | 284Wp |
| Maximum power voltage(Vmp) | 33.8V | 31.4V | 34.0V | 31.6V | 34.2V | 31.7V | 34.4V | 31.9V | 34.6V | 32.1V |
| Maximum power current (Imp) | 10.66A | 8.55A | 10.74A | 8.62A | 10.82A | 8.69A | 10.91A | 8.76A | 10.99A | 8.83A |
| Open-circuit voltage(Voc) | 40.6V | 37.9V | 40.8V | 38.0V | 41.0V | 38.2V | 41.2V | 38.4V | 41.4V | 38.6V |
| Short-circuit current(Isc) | 11.24A | 9.08A | 11.33A | 9.15A | 11.42A | 9.22A | 11.51A | 9.29A | 11.60A | 9.37A |
| Module efficiency STC (%) | 19.76% | | 20.04% | | 20.31% | | 20.59% | | 20.86% | |
| Operating temperature(℃) | -40℃ ~ 85℃ | | | | | | | | | |
| Maximum system voltage | 1500(IEC&UL) | | | | | | | | | |
| Maximum series fuse rating | 20A | | | | | | | | | |
| Sorting power tolerance | 0 ~ +3% | | | | | | | | | |
| Temperature coefficients of Pmax | -0.36%/℃ | | | | | | | | | |
| Temperature coefficients of Voc | -0.29%/℃ | | | | | | | | | |
| Temperature coefficients of Isc | +0.05%/℃ | | | | | | | | | |
| Nominal operating cell temperature(NOCT) | 44 ± 2℃ | | | | | | | | | |

ENGINEERING DRAWING



ELECTRICAL PERFORMANCE & TEMPREATURE DEPENDENCE

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

MATERIAL CHARACTERISTICS

| | |
|----------------|---|
| Number of cell | 120 (6 * 20) |
| Dimensions | 1755*1038*35mm |
| Weight | 20.5+/-1kg |
| Front glass | 3.2mm, anti-reflection Coating, high transmission, low iron, tempered 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 or Customized |

PACKAGING CONFIGURATION

| | |
|--------------------------|--------|
| 40HQ | 806PCS |
| 40HQ (with small carton) | 871PCS |