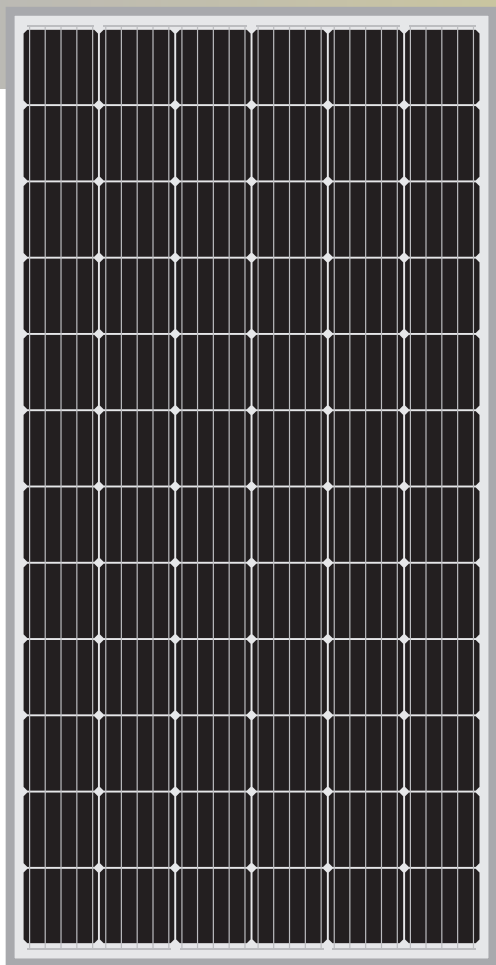




FROM STRENGTH TO STRENGTH IN NATURE

NESE 395-72MB

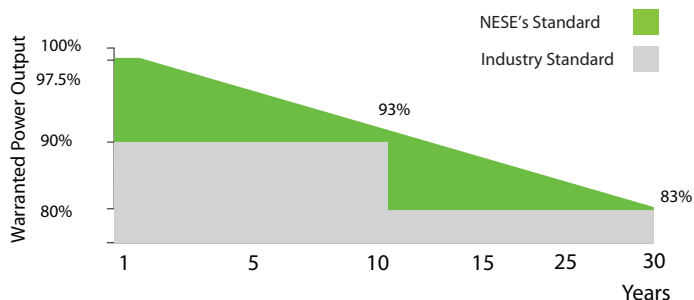
MONO PERC SOLAR MOUDULE
FROM CAMBODIA



INSURED BY
CHUBB® Munich RE 

LINEAR PERFORMANCE WARRANTY

12 years product warranty. 30years 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 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.

MANAGEMENT SYSTEM CERTIFICATES

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

PRODUCT CERTIFICATES

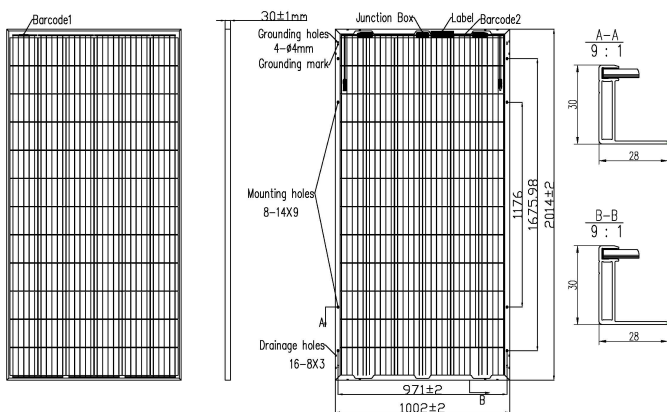
IEC 61215/IEC 61730:VDE/CE/CEC AU
UL 61730: CSA



SPECIFICATIONS

| Module type | NESE 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

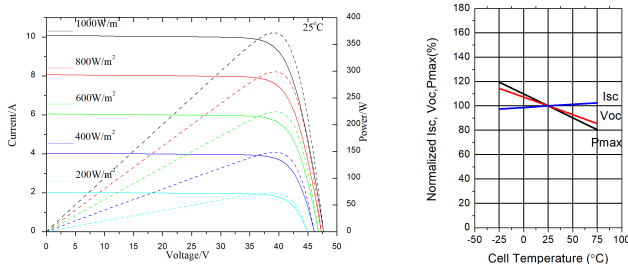


MATERIAL CHARACTERISTICS

| | |
|----------------|--------------------------------------|
| Number of cell | 72 (6 * 12) |
| Dimensions | 2014*1002*30 |
| Weight | 26kg |
| Front glass | 2.0mm+2.0mm heat strengthened glalss |
| Frame | Anodized aluminium alloy |

ELECTRICAL PERFORMANCE & TEMPREATURE DEPENDENCE

| | |
|---------------|--|
| Junction box | Ip67 rated or higher rated |
| Output cables | 12 awg, length: 350 mm (13.78 inch) or Customized length |



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

PACKAGING CONFIGURATION

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