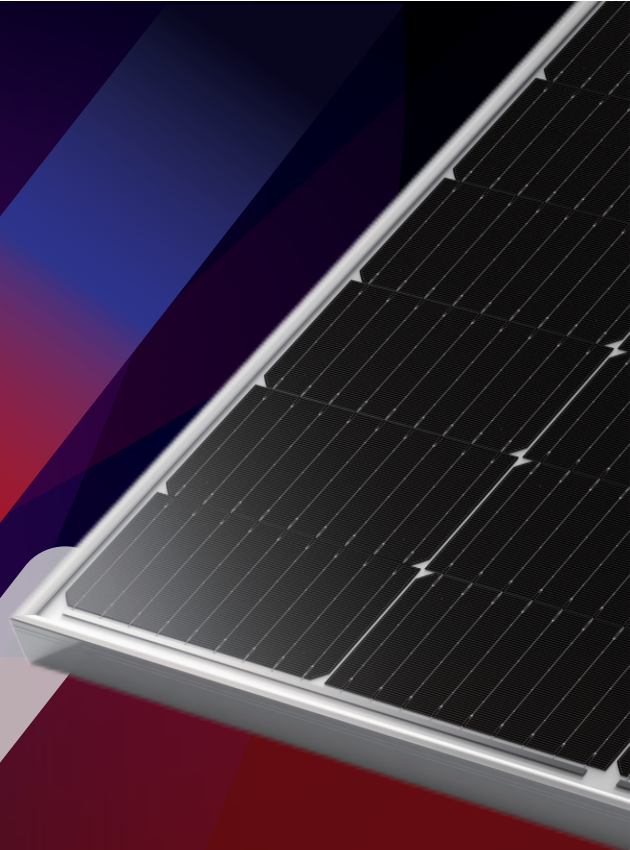


III SERIES

solar way ,shining life







NB-150-170W-CMX



III SERIES

Nabai redefined the high-efficiency module series by integrating 166mm*166mm silicon wafers with multi-busbar and cut cell technologies. Nabai panel combined creative technology effectively and extremely improved the module efficiency and power output.

KEY FEATURES

-  Less mismatch to get more power
-  Less power loss by minimizing the shading impact
-  Competitive low light performance
-  3 times EL test to ensure best quality
-  Ideal choice for utility and commercial scale projects by reduced BoS and improved ROI
-  Outstanding reliability proven by PVEL for stringent environment condition:
 - Sand, acid, salt and hail stones
 - 2400 Pa wind load and 5400 Pa snow load
 - Anti-PID

QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

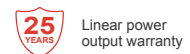
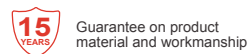
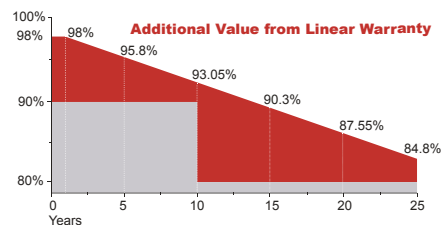
PRODUCT CERTIFICATION



INSURANCE



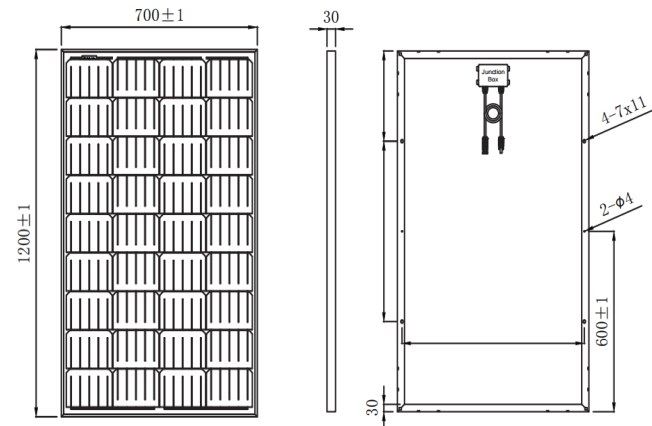
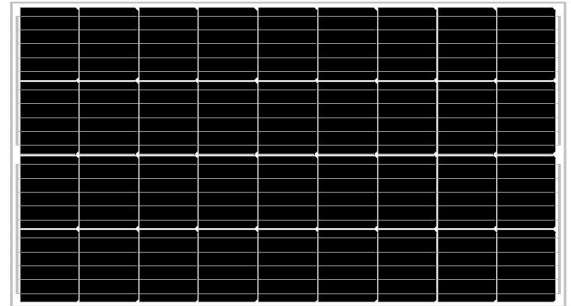
WARRANTY



Electrical Characteristics

| Module Type | NB-150-CMX | NB-160-CMX | NB-170-CMX |
|-------------------------------------|------------|------------|------------|
| | STC | STC | STC |
| Maximum Power at STC (Pmp) | 150 | 160 | 170 |
| Open Circuit Voltage (Voc) | 19.5 | 19.8 | 20.1 |
| Short Circuit Current (Isc) | 7.81 | 8.08 | 8.21 |
| Maximum Power Voltage (Vmp) | 23.50 | 23.70 | 23.90 |
| Maximum Power Current (Imp) | 8.20 | 8.48 | 8.62 |
| Module Efficiency at STC(η m) | 17.9 | 19.0 | 20.2 |
| Power Tolerance | (± 3%) | | |
| Maximum System Voltage | 600V DC | | |
| Maximum Series Fuse Rating | 15A | | |

STC: Irradiance 1000 W/m², module temperature 25°C, AM=1.5
Power measurement tolerance: +/-3%



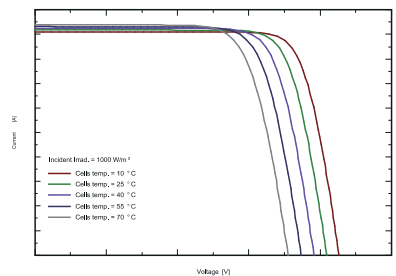
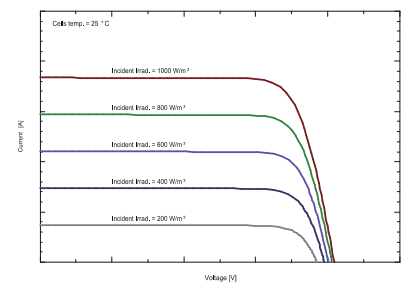
Temperature Characteristics

| | |
|--|--------------|
| Pmax Temperature Coefficient | -0.34 %/°C |
| Voc Temperature Coefficient | -0.26 %/°C |
| Isc Temperature Coefficient | +0.05 %/°C |
| Operating Temperature | -40 ~ +85 °C |
| Nominal Operating Cell Temperature(NOCT) | 45±2 °C |

Mechanical Specifications

| | |
|---------------------|---|
| External Dimensions | 1200x700x30mm |
| Weight | 8.5kg |
| Solar Cells | CUT M6 Mono Cell (36pcs) |
| Front Glass | 3.2mm AR coating tempered glass, low iron |
| Frame | Anodized aluminium alloy |
| Junction Box | IP68, 3 diodes |
| Output Cables | 4.0mm ² , 900mm cable or Customized Length |
| Mechanical Load | Front side 5400Pa/ Rear side 2400Pa |

I-V Curve



Packing Configuration

| | 1200x700x30mm |
|--------------------------------|---------------|
| Container | 40'HQ |
| Pieces per Carton | 2 |
| PCS/container or Customized | |