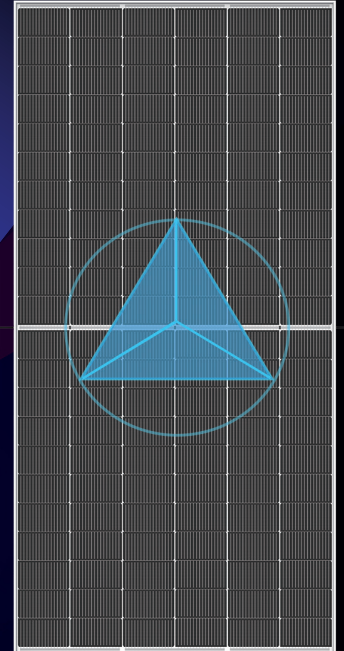




V SERIES-Glory L

solar way ,shining life







NB-680~700W-BMC



● V SERIES

Nabai redefined the high-efficiency module series by integrating 210mm*182MM topcon silicon wafers with multi-busbar and half-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

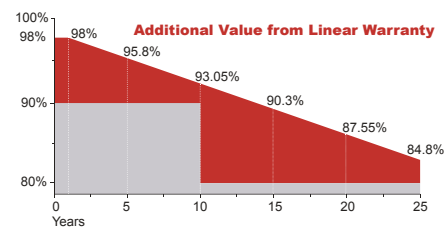
● PRODUCT CERTIFICATION



● INSURANCE

PICC

● WARRANTY



Guarantee on product material and workmanship



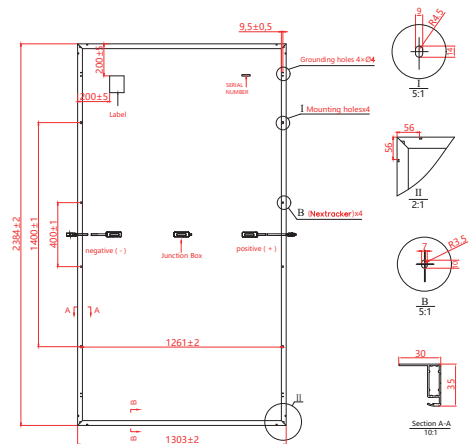
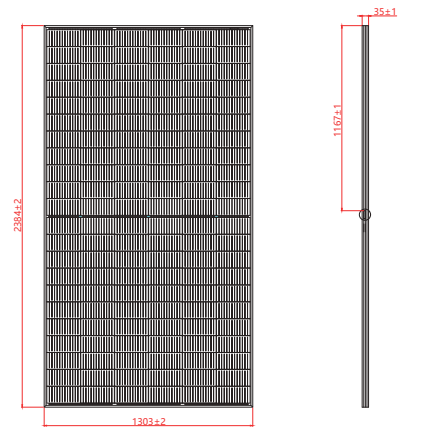
Linear power output warranty



Electrical Characteristics

| Module Type | NB-680-BMC-HV | | NB-690-BMC-HV | | NB-695-BMC-HV | | NB-700-BMC-HV | |
|------------------------------|---------------|-------|---------------|-------|---------------|-------|---------------|-------|
| | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Maximum Power at STC (Pmp) | 680 | 510 | 690 | 517 | 695 | 521 | 700 | 525 |
| Open Circuit Voltage (Voc) | 47.5 | 45.15 | 47.7 | 41.0 | 47.9 | 45.5 | 48.0 | 41.38 |
| Short Circuit Current (Isc) | 18.01 | 14.21 | 18.15 | 14.55 | 18.25 | 14.60 | 18.32 | 14.66 |
| Maximum Power Voltage (Vmp) | 38.64 | 36.71 | 38.84 | 36.89 | 38.94 | 36.99 | 39.04 | 37.08 |
| Maximum Power Current (Imp) | 17.60 | 13.89 | 17.76 | 14.01 | 17.85 | 14.08 | 17.93 | 14.16 |
| Module Efficiency at STC(ηm) | 21.89 | | 21.25 | | 21.37 | | 22.53 | |
| Power Tolerance | (0, +4.99) | | | | | | | |
| Maximum System Voltage | 1500V DC | | | | | | | |
| Maximum Series Fuse Rating | 30 A | | | | | | | |

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



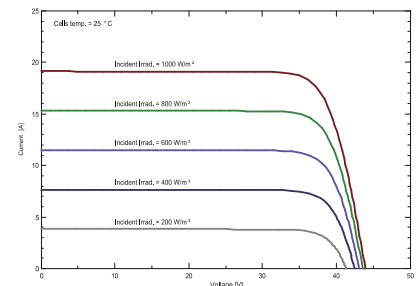
Temperature Characteristics

| | |
|--|--------------|
| 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 | 2384 x 1303 x 35 mm |
| Weight | 34.0 kg |
| Solar Cells | N-TOPCON Mono (132 pcs) |
| Front Glass | 3.2mm AR coating tempered glass, low iron |
| Frame | Anodized aluminium alloy |
| Junction Box | IP68, 3 diodes |
| Output Cables | 4.0mm ² , 250mm(+)/350mm(-) or Customized Length |
| Mechanical Load | Front side 5400Pa/ Rear side 2400Pa |

I-V Curve



Packing Configuration

| | 2384x1303x35mm |
|-----------------------|----------------|
| Container | 40'HQ |
| Pieces per Pallet | 31 |
| Pallets per Container | 17 |
| Pieces per Container | 527 |

