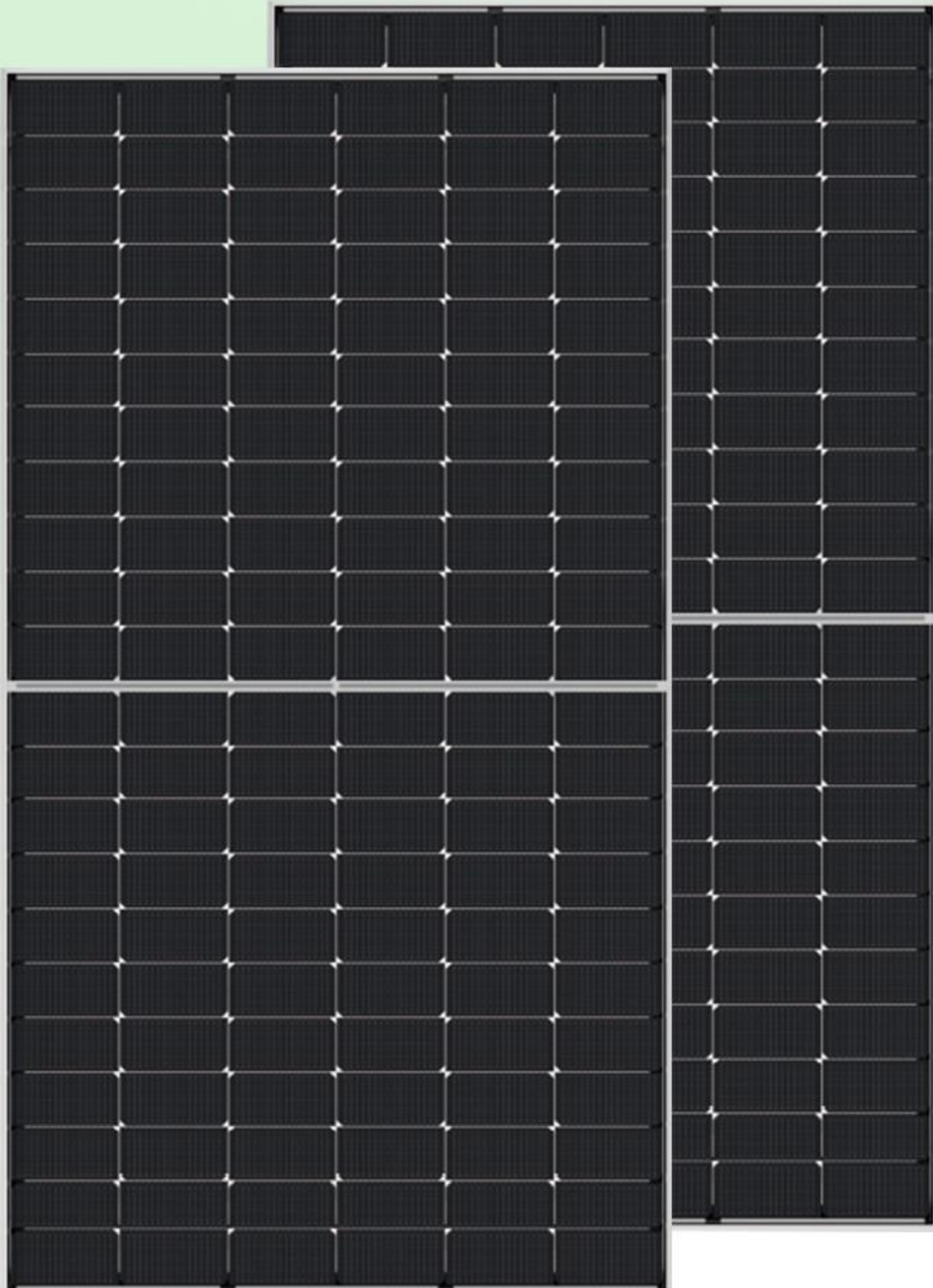


FY -182-132NDG

BIFACIAL MODULE WITH DUAL GLASS

600W-625W



625W

Maximum Power Output

23.14%

Maximum Module Efficiency

0~+3W

Power Output Tolerance



Multi Busbar Technology

Better light trapping and current collection to improve module power output and reliability.



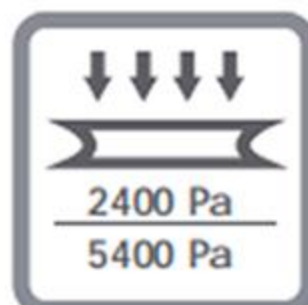
Hot 2.0 Technology

The N-type module with Hot 2.0 technology has better reliability and lower LID/LETID.



PID Resistance

Excellent Anti-PID performance guarantee via optimized mass-production process and materials control.



Enhanced Mechanical Load

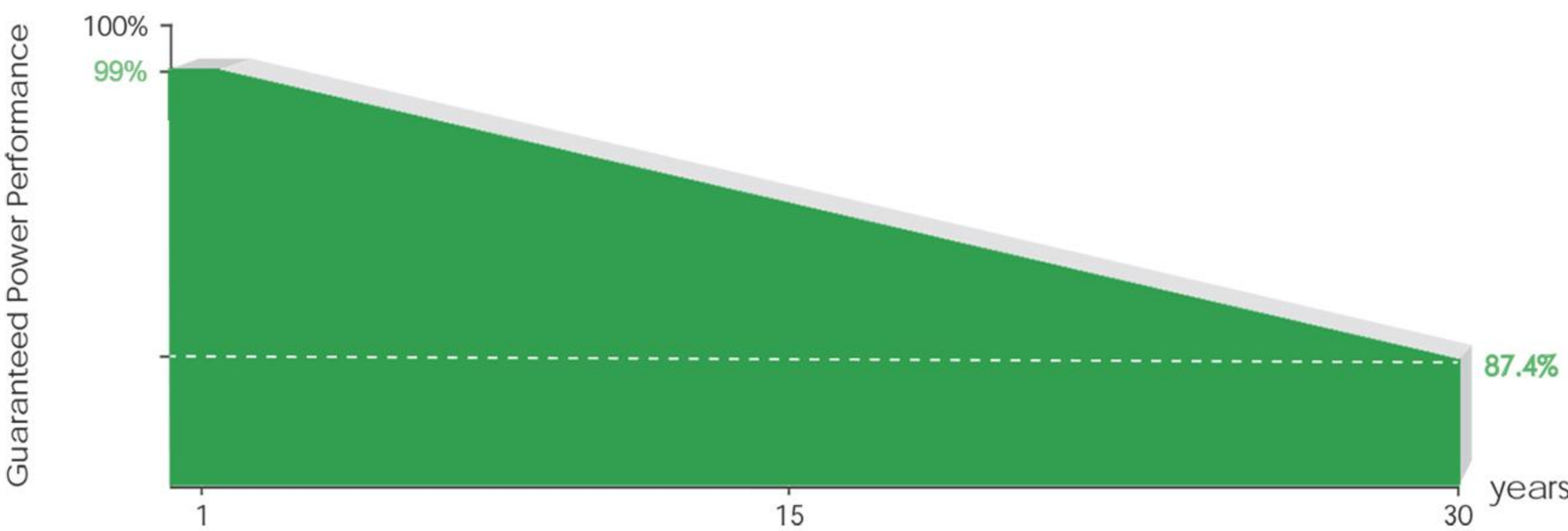
Certified to withstand: wind load (2400 Pascal) and snow load (5400 Pascal).



Durability Against Extreme Environmental Conditions

High salt mist and ammonia resistance.

LINEAR PERFORMANCE WARRANTY



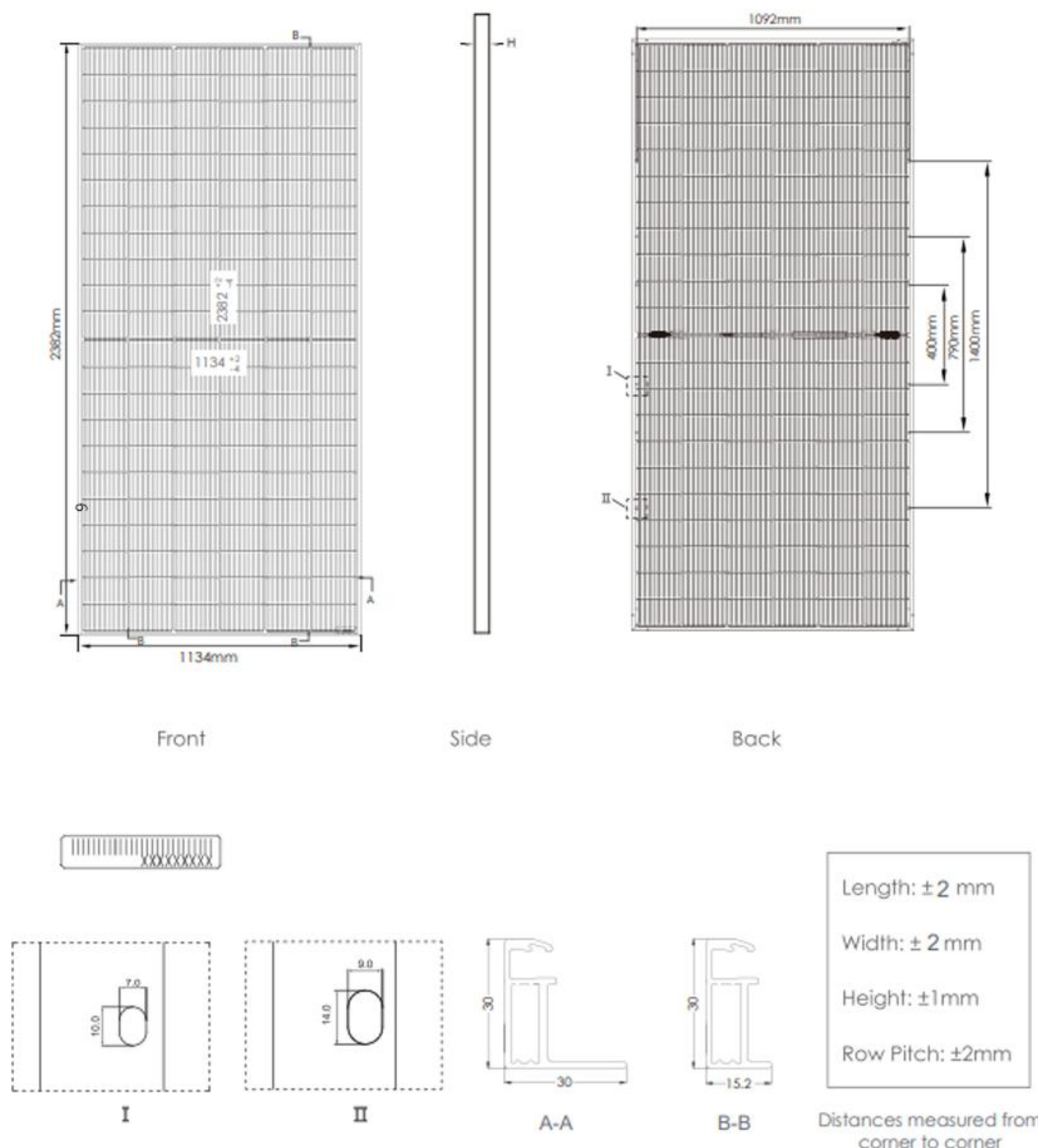
12 Years Product Material & Workmanship

30 Years Linear Performance Warranty

SPECIFICATIONS

| Module Type                               | FY-132-600NDG |        | FY-132-605NDG |        | FY-132-610NDG |        | FY-132-615NDG |        | FY-132-620NDG |        | FY-132-625NDG |        |
|-------------------------------------------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|---------------|--------|
|                                           | STC           | NOTC   | STC           | NOTC   | STC           | NOTC   | STC           | NOTC   | STC           | NOTC   | STC           | NOTC   |
| Maximum Power (Pmax)                      | 600Wp         | 453Wp  | 605Wp         | 457Wp  | 610Wp         | 461Wp  | 615Wp         | 464Wp  | 620Wp         | 468Wp  | 625Wp         | 472Wp  |
| Maximum Power Voltage (Vmp)               | 40.16V        | 37.60V | 40.31V        | 37.76V | 40.46V        | 37.92V | 40.60V        | 38.10V | 40.74V        | 38.25V | 40.88V        | 38.44V |
| Maximum Power Current (Imp)               | 14.94A        | 12.05A | 15.01A        | 12.10A | 15.08A        | 12.15A | 15.15A        | 12.19A | 15.22A        | 12.24A | 15.29V        | 12.28A |
| Open-circuit Voltage (Voc)                | 48.28V        | 45.86V | 48.48V        | 46.05V | 48.68V        | 46.24V | 48.88V        | 46.43V | 49.08V        | 46.62V | 49.28V        | 46.81V |
| Short-circuit Current (Isc)               | 15.84A        | 12.79A | 15.90A        | 12.83A | 15.96A        | 12.88A | 16.02A        | 12.93A | 16.08A        | 12.98A | 16.14A        | 13.03V |
| Module Efficiency STc (%)                 | 22.21%        |        | 22.40%        |        | 22.58%        |        | 22.77%        |        | 22.95%        |        | 23.14%        |        |
| Operating Temperature(°C)                 |               |        |               |        |               |        | -40°C~+85°C   |        |               |        |               |        |
| Maximum system voltage                    |               |        |               |        |               |        | 1500VDC(IEC)  |        |               |        |               |        |
| Maximum series fuse rating                |               |        |               |        |               |        | 35A           |        |               |        |               |        |
| Power tolerance                           |               |        |               |        |               |        | 0~+3°C        |        |               |        |               |        |
| Temperature coefficients of Pmax          |               |        |               |        |               |        | -0.29%/°C     |        |               |        |               |        |
| Temperature coefficients of Voc           |               |        |               |        |               |        | -0.25%/°C     |        |               |        |               |        |
| Temperature coefficients of Isc           |               |        |               |        |               |        | 0.045%/°C     |        |               |        |               |        |
| Nominal operating cell temperature (NOCT) |               |        |               |        |               |        | 45±2°C        |        |               |        |               |        |

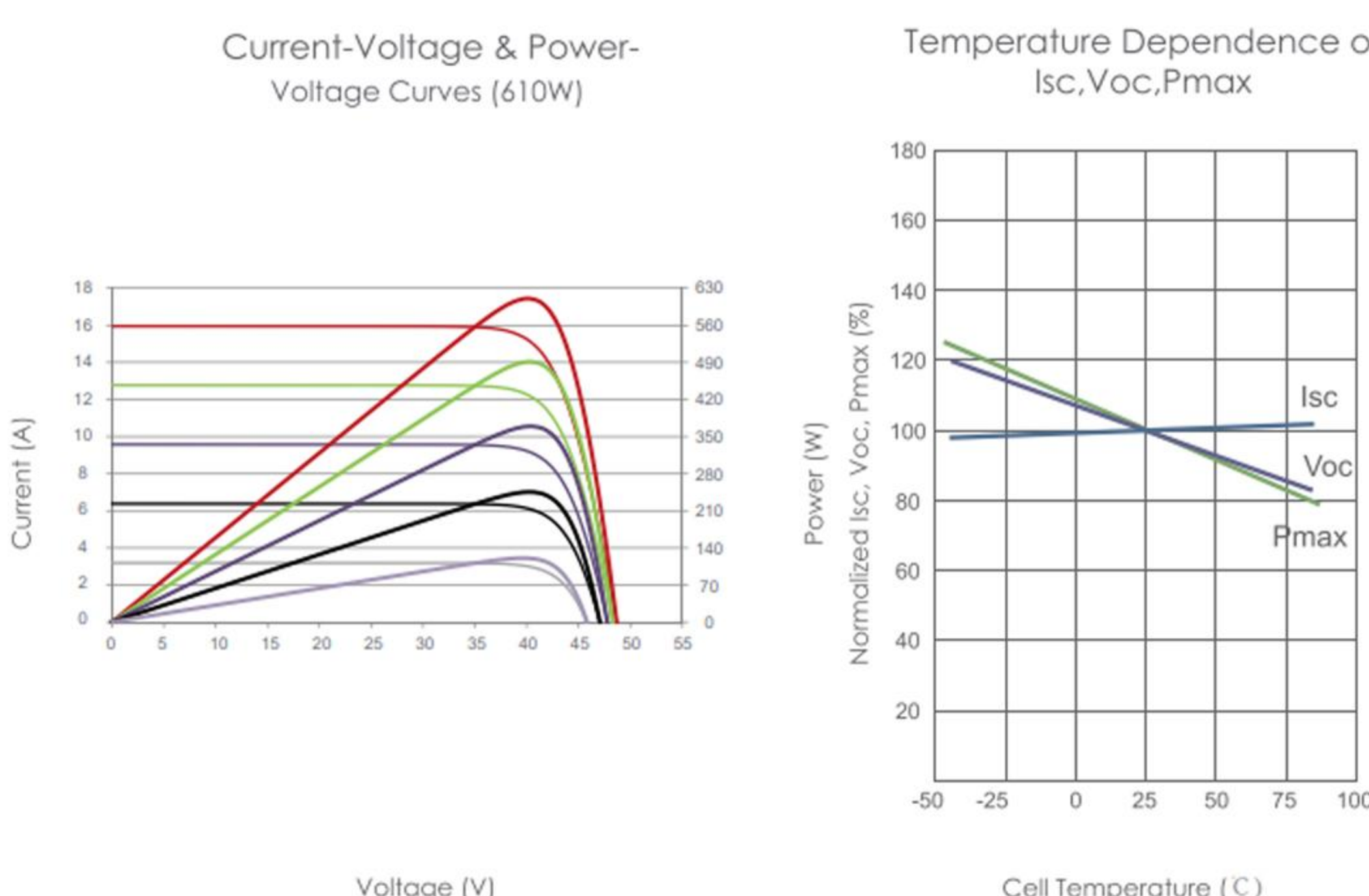
Engineering Drawings



Packaging Configuration

36pcs/pallets, 72pcs/stack, 720pcs/ 40'HQ Container

Electrical Performance & Temperature Dependence



Mechanical Characteristics

|               |                         |
|---------------|-------------------------|
| Cell Type     | N type Mono-crystalline |
| NO.of cells   | 132 (2×66)              |
| Dimensions    | 2382×1134×30mm          |
| Weight        | 32.4 kg (71.43 lbs)     |
| Output Cables | TUV 1X4.0mm²            |
| Junction Box  | IP68Rated               |