

## BIFACIAL MODULE WITH DUAL GLASS

# RS41-440~460NBG-E3

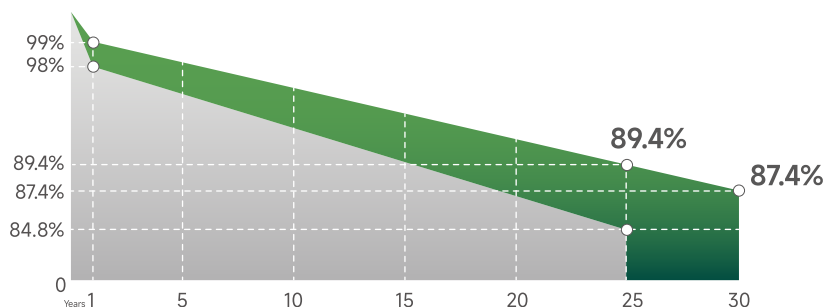
N-Type /Positive power tolerance of 0~+3%/Max module efficiency 23.56%

- Suitable for ground power plants and distributed projects
- Advanced module technology delivers superior module efficiency
  - Non destructive cutting · MBB half-cut
- Excellent power generation performance
  - Excellent IAM and low irradiation performance · Lower temperature coefficient
  - 0.40% linear Power decline
- High module quality ensures long-term reliability
  - Strict selected material · Advanced technology · Leading standard
- Enhanced Mechanical Load
  - Mechanical performance up to 5400pa positive load and 2400pa negative load



### Complete System and IEC Product Certification

IEC 61215, IEC 61730 ISO9001:  
2015: Quality Management System ISO14001:  
2015: Environment Management System  
ISO45001:2018: Occupational Health and Safety Management System



30-Year Excess Linear Power Output Warranty

BLOOMBERG  
**TIER 1**  
Global  
Leading Brand



Figure 10 consists of two graphs. The left graph, titled "Current-voltage curve 440W", plots Current (A) on the y-axis (0 to 16.0) against Voltage (V) on the x-axis (0 to 50). It shows five curves for different irradiances: 1000W/m² (dark blue), 800W/m² (magenta), 600W/m² (black), 400W/m² (light blue), and 200W/m² (yellow). The curves show that as irradiance decreases, the short-circuit current decreases linearly, while the open-circuit voltage remains relatively constant. The right graph, titled "Power-voltage curve 440W", plots Power (W) on the y-axis (0 to 500) against Voltage (V) on the x-axis (0 to 50). It shows five curves for the same irradiances. The power curves are bell-shaped, peaking at approximately 33V. The peak power decreases as irradiance decreases.

