



615-635W

Draco Module Series

N-TOPCON HIGH EFFICIENCY MONO 156-16BB-W-WG

Bloomberg
NEW ENERGY FINANCE

Tier1



Extraordinary Product Performance

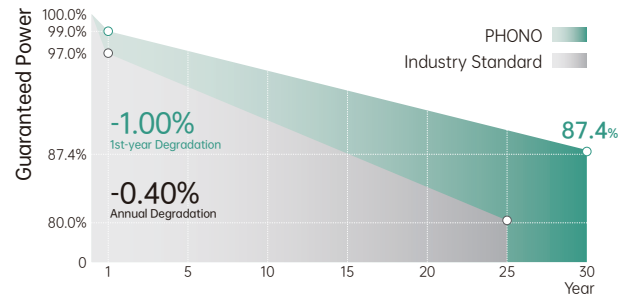
- Up to 30% additional power yield benefited from bifacial technology and over 80% cell bifaciality
- Competitive high-temperature performance with ameliorated temperature coefficient
- Better weak illumination response, higher power generation with N-TOPCon technology

Higher Quality Reliability

- N-type with lower LID and LeTID
- Industry-leading cell processing technology and dual glass contributes to excellent anti-PID characteristic
- First-year degradation is less than 1.0%, with linear degradation of 0.4% per year for 30 years

Wider Application Conditions

- BIPV, vertical installation, snowfield, high-humid area, windy and dusty area
- Safer and easier handling during transportation and installation



15-year
Product Warranty

30-year
Linear Performance Warranty

MANAGEMENT SYSTEM CERTIFICATES

IEC 61215, IEC 61730

ISO 9001
2015 / Quality management system

ISO 14001
2015 / Standards for environmental management system

ISO 45001
2018 / International standards for occupational health & safety



Electrical Typical Values

| Model | PS615M8GF-26/RNH | | PS620M8GF-26/RNH | | PS625M8GF-26/RNH | | PS630M8GF-26/RNH | | PS635M8GF-26/RNH | |
|-----------------------------|------------------|-------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|------------------|-------|
| | 1000V | 1500V | PS615M8GFH-26/RNH | PS620M8GFH-26/RNH | PS625M8GFH-26/RNH | PS630M8GFH-26/RNH | PS635M8GFH-26/RNH | | | |
| Testing Condition | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT | STC | NOCT |
| Rated Power (Pmpp) | 615 | 471 | 620 | 475 | 625 | 479 | 630 | 482 | 635 | 486 |
| Rated Current (Imp) | 12.72 | 10.24 | 12.78 | 10.29 | 12.84 | 10.34 | 12.90 | 10.39 | 12.96 | 10.44 |
| Rated Voltage (Vmpp) | 48.35 | 45.97 | 48.52 | 46.12 | 48.68 | 46.28 | 48.84 | 46.43 | 49.00 | 46.58 |
| Short Circuit Current (Isc) | 13.41 | 10.80 | 13.48 | 10.86 | 13.55 | 10.91 | 13.62 | 10.97 | 13.68 | 11.02 |
| Open Circuit Voltage (Voc) | 56.66 | 54.25 | 56.83 | 54.41 | 56.99 | 54.57 | 57.15 | 54.72 | 57.31 | 54.87 |
| Module Efficiency (%) | 22.00 | | 22.18 | | 22.36 | | 22.54 | | 22.72 | |

STC (Standard Testing Conditions): Irradiance 1000W/m², AM 1.5, Cell Temperature 25°C

NOCT (Nominal Operation Cell Temperature): Irradiance 800W/m², Ambient Temperature 20°C, Spectra at AM1.5, Wind at 1m/s

BNPI**

| | | | | | |
|----------------------------------|-------|-------|-------|-------|-------|
| Maximum Power (Pmax) | 677 | 683 | 688 | 694 | 699 |
| Optimum Operating Current (Imp) | 14.01 | 14.08 | 14.14 | 14.21 | 14.27 |
| Optimum Operating Voltage (Vmpp) | 48.35 | 48.52 | 48.68 | 48.84 | 49.00 |
| Short Circuit Current (Isc) | 14.76 | 14.84 | 14.91 | 15.00 | 15.07 |
| Open Circuit Voltage (Voc) | 56.66 | 56.83 | 56.99 | 57.15 | 57.31 |

**BNPI: Front side irradiation 1000W/m², back side reflection irradiation 135W/m², AM 1.5, ambient temperature 25°C

Mechanical Characteristics

| | |
|-----------------------------|---|
| Cell Type | N Type Monocrystalline |
| Dimension (L × W × H) | Length: 2465mm (97.05 inch) Width: 1134mm (44.65 inch) Height: 30mm (1.18 inch) |
| Weight | 35.0kg (77.16 lbs) |
| Glass | 2.0mm/2.0mm Heat Strengthened Glass |
| Frame | Anodized Aluminium Alloy |
| Cable (Including Connector) | 4mm ² (IEC), (+): 450mm, (-): 250mm or Customized Length |

Temperature Ratings

| | |
|---------------------------------|-----------|
| Voltage Temperature Coefficient | -0.25%/°C |
| Current Temperature Coefficient | +0.04%/°C |
| Power Temperature Coefficient | -0.29%/°C |
| Power Tolerance | 0~+3% |
| NOCT | 42±2°C |
| Bifaciality | 80±5% |

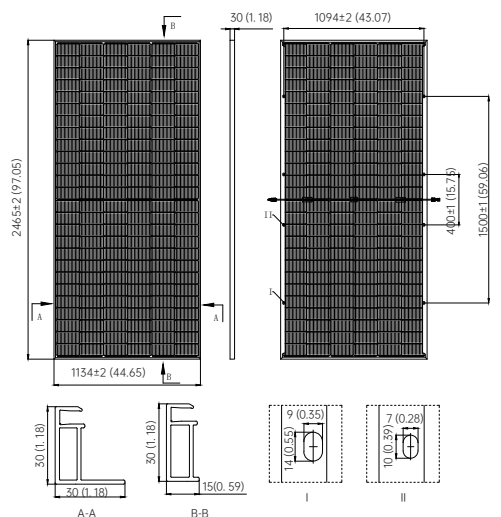
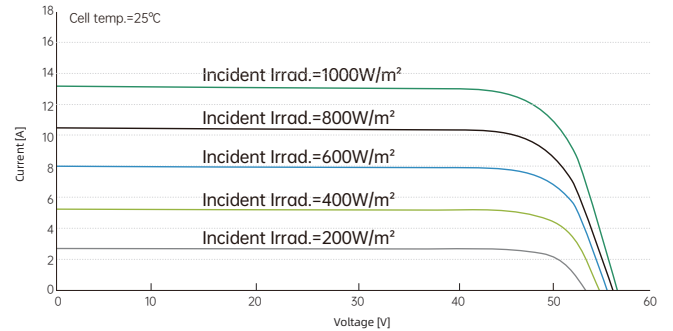
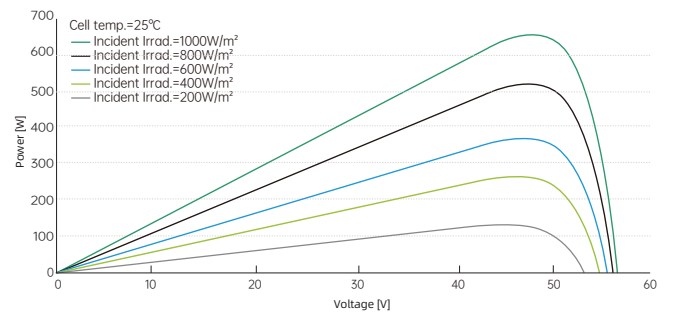
Absolute Maximum Rating

| | |
|-----------------------------------|--------------------|
| Operating Temperature | From -40 to + 85°C |
| Hail Diameter @ 80km/h | Up to 25mm |
| Front Side Maximum Static Loading | 5400Pa |
| Rear Side Maximum Static Loading | 2400Pa |
| Maximum Series Fuse Rating | 30A |
| PV Module Classification | II |
| Fire Rating (IEC61730) | C |
| Maximum System Voltage | DC 1000V/1500V |

Packing Configuration

| | |
|-------------------|--------|
| Container | 40' HQ |
| Pieces/Container | 576 |
| Pcs/Pallet | 36 |
| Pallets/Container | 16 |

Electrical Characteristics



Note:mm (inch)